

PROSTHETIC SOLUTIONS

ÖSSUR APAC PRODUCT CATALOG 2018-2019



WELCOME TO THE ÖSSUR PROSTHETICS CATALOG

ÖSSUR PROSTHETIC SOLUTIONS

For years, Össur has been helping people to feel safe and confident, to rekindle ambitions and focus on new goals rather than limitations, and to feel happy and prepared for life with limb-loss.

When you look at why we have been so successful, you will find a whole series of small but significant steps to a better future – comprehensive solutions that are designed with user needs and aspirations always at the top of the agenda.

Össur is pleased to present its most inclusive range of prosthetics ever, with solutions that embrace diverse populations and provide an effective response, whatever the need.

Each prosthetic is developed with different activity levels in mind. Össur prosthetic solutions are our way to make the selection easier and helping you finding the best solution for your patient.

HIGH QUALITY, HIGH PERFORMANCE PRODUCTS... FOR A LIFE WITHOUT LIMITATIONS

Years of experience in materials technology and innovative design have made Össur a leading developer of prosthetic systems that provide extraordinary fit and function. Our current product offering is a reflection of this continuing commitment to amputees and to the prosthetic industry.

We are pleased to present a full spectrum of premium lower and upper limb prosthetic components, designed to reflect the individual nature of our customers. We remain focused on the best possible outcomes and a Life Without Limitations® for all the people who use our products. Our underlying goal is to transform the aspirations and experience of everyone we work with.

Össur is proud to work alongside healthcare professionals all over the world, developing the advanced concepts of tomorrow while delivering exceptional solutions today. The company funds one of the largest research and development units in the industry, pursuing the technological breakthroughs that continually set new standards of performance, quality, and comfort.

Össur is an international manufacturer of prosthetic devices and a leading innovator in the field. The company employs a staff of more than 3,000, serving the needs of amputees, prosthetists, and healthcare professionals worldwide. As part of this service, we provide expert advice, training, and technical assistance. Össur operates a quality management system that meets the requirements of ISO 13485 and 14001. Products are CE-marked and conform to standards and other normative documents outlined in the EC (CE) Declaration of Conformity.

IMPACT LEVELS

LOW

Daily activities involving gentle, steady walking with the use of a walking aid.

Example: Moving around at home, modest walking in the community.



MODERATE

Daily activities involving average walking with the ability to vary speed or walking pattern.

Example: Going to the shops, confident outdoor walking.



HIGH

Daily activities involving fast walking, jogging and climbing stairs.

Example: Heavy-lifting, manual labor, recreational sports.



EXTREME

Activities involving running, track and field, sprinting, and long-distance running.

Example: Track and field sports.



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ÖSSUR BALANCE SOLUTIONS

Getting the balance right

For many people with limb-loss, age and poor health can have a significant impact on mobility and confidence. The use of a prosthetic limb can be challenging in itself, so feeling secure and comfortable from the outset is vital if the user is to maintain a level of independence, however small.

ÖSSUR BALANCE SOLUTIONS

Designed to support less active people who may struggle to maintain the ideal balance of safety, comfort and mobility.

And getting that balance right can mean greater independence, with an increase in both the frequency and safety of transfers and ambulation.

Those with diabetes and vascular conditions are especially in need of an appropriate prosthetic solution to help them achieve the right balance. A liner, for example, needs to protect vulnerable skin, and the socket should be easy to use and provide secure suspension. A prosthetic knee, if required, should offer effective stability and support for confident single-speed ambulation, while a foot module should deliver a level of energy return that is in proportion to the activity and load.



FEEL SAFE FEEL COMFORTABLE

LINERS



Iceross
Seal-In® X



Iceross
Seal-In® X TF

KNEES



Balance™ Knee



Balance™ Knee OFM1



Balance™ Knee OFM2



Balance™ Knee OM8

FEET

UNITY
COMPATIBLE



Flex-Foot Balance®
with D/P Flexion™



Balance™ Foot J



Flex-Foot® Assure

ÖSSUR DYNAMIC SOLUTIONS

Taking a more dynamic role

The more experienced prosthetic user engages increasingly with the more dynamic challenges of everyday life – from shopping and gardening, to light work and longer walks. The choice of prosthetic solution is critical in supporting people to play an active role in society, to return to work where appropriate and enjoy life to the full.

ÖSSUR DYNAMIC SOLUTIONS

Designed to encourage increasingly active people who want to enhance their mobility and return to regular activities.

And by overcoming potential obstacles to a more dynamic lifestyle it is possible to reduce the impact of limb loss on the wider community, as well as the individual.

For people with a dynamic lifestyle, a good liner and a comfortable socket are the basis for effective, secure suspension. Comfort is also critical if you are on your feet for long periods, perhaps at work or caring for others. A prosthetic knee should offer fluid, natural movement with a suitable level of stability, while a foot module needs to incorporate great energy return and the range of motion with smooth roll-over resulting in less sound side loading.



FEEL CONFIDENT FEEL FREE

LINERS



Iceross
Seal-In® X



Iceross
Seal-In® X TF

KNEES



Power Knee™



Rheo Knee® &
Rheo Knee® XC



Paso Knee

FEET

UNITY COMPATIBLE



Proprio Foot®



Re-Flex Rotate™



Re-Flex Shock™



Pro-Flex®



Pro-Flex® XC



Pro-Flex® XC
Torsion



Pro-Flex® LP



Pro-Flex® LP
Torsion



Pro-Flex® LP Align*

* Pro-Flex® LP Align: Not Unity compatible.

ÖSSUR JUNIOR SOLUTIONS

Keeping childhood fun

Even the youngest prosthetic user wants to get the most out of life – running around with friends and family, enjoying school and generally having fun. Prosthetic solutions for children need to enable them to do all that and more. Childhood should be a time of aspiration and adventures, when maximum mobility supports personal development.

ÖSSUR JUNIOR SOLUTIONS

Designed to champion children and their aspirations, from playing with friends, to competitive sport.

And children who are actively having fun, despite a potential disability, send out a great message to their peers and others.

Stability is naturally a fundamental aspect of prosthetic solutions for youngsters. That and a high level of flexibility and energy return. From sturdy knee joints, to dynamic foot modules and comfortable socket liners, Össur has it covered.



FEEL HAPPY FEEL ADVENTUROUS

LINERS



Iceross Stabilo® Junior
Locking Liner with Wave



Iceross Dermo® Junior
Locking Liner with Wave

KNEES



Total Knee® Junior

FEET



Flex-Foot® Junior



Vari-Flex® Junior



Flex-Run™ Junior
with Nike Sole



Cheetah® Junior
with Nike Sole



Cheetah®
Xplore Junior

ÖSSUR SPORT SOLUTIONS

Changing the world of sport

For those people returning to sport or discovering a new sporting passion, the goal is ultimately to fulfil their potential, whether the sport is competitive or not. Increased levels of performance and a challenging range of movement require more specialized prosthetics, designed specifically to cope with athletic demands.

ÖSSUR SPORT SOLUTIONS

Designed to empower athletes to fulfill their potential in sporting events and activities.

And elite sporting performances can help to raise the bar in terms of awareness and the perception of others in relation to limb loss.

Protection from high-impact forces is a must, when it comes to socket fit and effective liner suspension. The right foot module for the right sport is also critical in order to deliver appropriate energy return and shock absorption in the field, and the unique Nike Sole offers valuable traction out on the track. A prosthetic knee for sporting activities needs to cope with impact and deliver controlled, natural movement.

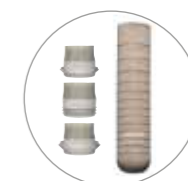


FEEL FOCUSED FEEL EMPOWERED

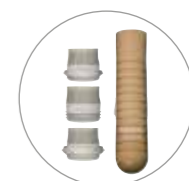
LINERS



Iceross® Sport
Locking

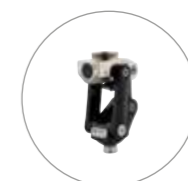


Iceross
Seal-In® X



Iceross
Seal-In® X TF

KNEES



Cheetah® Knee

FEET



Flex-Run™
with Nike Sole



Flex-Foot
Cheetah® Xtreme
with Nike Spike Pad



Flex-Foot
Cheetah® Xtend
with Nike Spike Pad



Flex-Foot
Cheetah®

ÖSSUR POST-OP SOLUTIONS

Supporting effective rehabilitation

The goal for most people, following major surgery, is to get back on their feet as soon as possible. Effective rehabilitation focuses on that goal, helping patients to heal quickly and prepare for a prosthetic limb as soon as it is feasible. A key part of the healing process is successful compression of the residual limb.

ÖSSUR POST-OP SOLUTIONS

Designed to assist patients during post-operative healing, with a view to regaining mobility as soon as possible.

And people who are well prepared for prosthetic solutions – physically and emotionally – tend to return more quickly to their preferred everyday activities.

Specialized Iceross silicone liners have been used in hospitals for years, as part of successful compression therapy for residual limbs. The best results are often achieved when the liners are used in addition to a patented rigid dressing, with both helping to shape the limb and enabling it to develop more effectively.



FEEL PREPARED FEEL BETTER



Össur Rigid Dressing



Iceross® Post-Op Liner



Iceross® MSS
Casting Liner



Icecast® MSS Tool Kit
Anatomy



Icecast® MSS
Material Kit

ÖSSUR TOUCH SOLUTIONS

Technology that touches lives

Össur Touch Solutions provide world-leading prosthetic technologies and supporting services designed to ensure the best possible outcomes for people with upper limb deficiencies. Our advanced products include myoelectric prosthetic hands and partial hand solutions, as well as highly realistic passive silicon prostheses that match the natural appearance of the wearer.

We are committed to helping ensure that our users and customers have the best possible experience with our products by supporting them with training and a full range of clinical services.



FEEL INDEPENDENT FEEL COMPLETE

MYOELECTRIC FULL HANDS



i-Limb®

MYOELECTRIC PARTIAL HANDS



i-Digits™

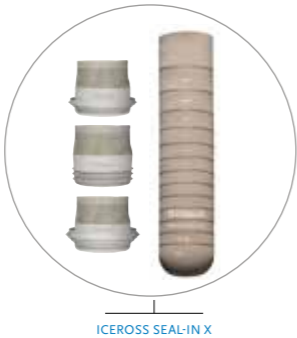
PASSIVE FUNCTIONAL HANDS



Livingskin™

ÖSSUR LINERS

TRANSTIBIAL SOLUTIONS



ICEROSS SEAL-IN X

SEAL-IN LINERS



ICEROSS SEAL-IN V ICEROSS SEAL-IN X5 TT ICEROSS DERMO SEAL-IN

LOCKING LINERS



ICEROSS SYNERGY LOCKING ICEROSS DERMO LOCKING ICEROSS COMFORT LOCKING ICEROSS ORIGINAL LOCKING ICEROSS SPORT LOCKING PROTECT LOCKING SENSITIVE LOCKING RELAX LOCKING

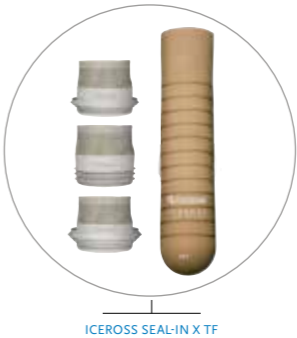
CUSHION LINERS



ICEROSS SYNERGY CUSHION ICEROSS DERMO CUSHION ICEROSS COMFORT CUSHION ICEROSS ACTIVA WITH TIBIAGUARD CUSHION PROTECT CUSHION RELAX CUSHION

ÖSSUR LINERS

TRANSFEMORAL SOLUTIONS



ICEROSS SEAL-IN X TF

SEAL-IN LINERS



ICEROSS SEAL-IN X5 TF ICEROSS TRANSFEMORAL SEAL-IN 4SEAL CLASSIC

LOCKING LINERS



ICEROSS TRANSFEMORAL LOCKING AKOS RELAX TRANSFEMORAL

UPPER EXTREMITY SOLUTIONS



ICEROSS UPPER-X LOCKING

ÖSSUR LINERS

SUSPENSION METHODS

SEAL-IN X5

With a series of five seals the Iceross Seal-In X5 liner conforms to the shape of the residual limb and the internal socket wall, providing an airtight seal and improved comfort.

- Rotation control
- Minimizes pistoning
- Suspension without a knee sleeve



SEAL-IN X5

SEAL-IN V

The volume adaptive blades incorporated in the seal accomodate volume fluctuations and shape changes. The Seal-In V liner provides the ultimate in reliable and comfortable suspension.

- Compensates for volume changes
- Cushion suspension without a knee sleeve
- Rotation control



SEAL-IN V

SEAL-IN

With the ingenious Hypobaric Sealing Membrane (HSM™) the Iceross Seal-In Liner optimizes suspension and comfort while offering ultimate user convenience for daily use.

- Transtibial hypobaric suspension without a knee sleeve
- Ease of donning and doffing
- Improved rotation control



SEAL-IN

SEAL-IN X

The movable seal allows the user to position the seal on the perfect position and fully benefit from a secure and comfortable suspension. Donning a Seal-In liner has never been so easy.

- Individual positioning of the seal
- Ease of donning and doffing
- Exceptional rotation control



SEAL-IN X

LOCKING

The locking feature offers users firm, secure and comfortable suspension. Can be used with either locking or lanyard systems.



LOCKING

CUSHION

A soft, extra thick distal cushion improves user comfort, protects sensitive distal ends, and conforms to irregular distal shapes.



CUSHION

4SEAL

With a series of 4 seals and a coated outer surface, the 4Seal Liner provides an airtight seal and improved handling.

- Suspension without a knee sleeve
- No donning aid necessary



4SEAL

ÖSSUR LINERS

CHARACTERISTICS

STABILIZING MATRIX

Unique integrated matrix allows radial stretch and limits vertical stretch for increased stability and skin comfort.



STABILIZING MATRIX

FABRIC COVER

The outer cover provides extreme wear and tear, strength, and durability while allowing radial stretch and comfortable elasticity.



FABRIC COVER

ACTIVE SKIN CARE

Vaseline® and Aloe Vera are incorporated in Dermalisil® silicone to soothe and help maintain healthy skin.



ACTIVE SKIN CARE

DOUBLE DUROMETER

Two silicone durometers work together: Inner layer offers comfort and protection to the skin and outer layer offers shock absorption and stability.



DOUBLE DUROMETER

WAVE

Allows for comfortable stretching of liner across the patella and controls folding of the liner in the sensitive area behind the knee.



WAVE

MENTHOL

Menthol is one of our active skin care ingredients, offering the added benefit of a pleasant, fresh smell. The Japanese have been enjoying its properties for over 2000 years. Widely used to relieve minor irritations, menthol has a cooling and calming effect on the skin.



MENTHOL

SILKEN INNER SURFACE

Micro engineered surface for superior skin conformance.



SILKEN INNER SURFACE

TIBIAGUARD

A soft, silicone pad with integrated Wave feature provides cushioning for the anterior tibia, while a thinner posterior silicone layer enhances control and proprioception. The combination of the two silicone profiles and the Wave design results in optimal cushioning and freedom of movement.



TIBIAGUARD

CONICAL

This feature is designed to provide a much more comfortable and intimate liner fit for amputees with conical-shaped residual limbs. The conical shape incorporates a series of vertical waves intended to reduce pressure and help prevent the edges of the proximal end from rolling down.



CONICAL

ÖSSUR LINERS

CHARACTERISTICS

UMBRELLAN

Umbrellan is a shielding against electromagnetic influences.



UMBRELLAN

EASY GLIDE

With the Easy Glide coating technology the liner offers users a high handling comfort. No lubricants are needed for donning and it is easy to clean.



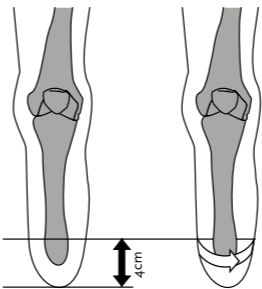
EASY GLIDE

ICEROSS® TRANSTIBIAL LINERS BY ÖSSUR

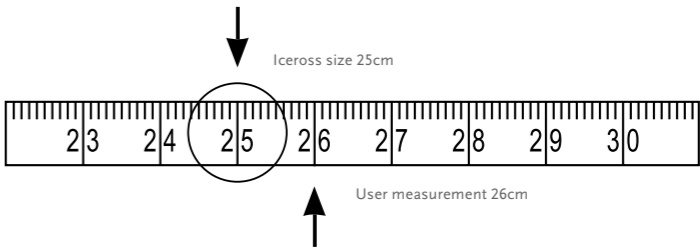
Careful selection of the Iceross liner is required to produce maximum benefit to the user. When selecting the appropriate transtibial Iceross liner the following must be considered:

- 1. Size of the residual limb
- 2. Activity/Impact level of the user
- 3. Fitting aids
- 4. Profile

1. SIZE



With the tissue of the residual limb hanging down, measure 4cm proximal to the distal end of the limb and mark this point on the skin. Measure the circumference of the limb at this point with medium tension on the tape measure.



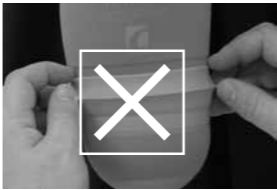
The measurement taken corresponds to the size of Iceross to be used. Select the liner size matching your measurement or, if between sizes, select the next size below. Do not select a size larger than your measurement or more than one size below the measurement. E.g. if the circumference of the limb measures 26cm, select Iceross size 25.

NOTE - ICEROSS LOCKING LINERS:

The incorporated size-specific umbrella works in conjunction with the matrix. Optimal function of both the umbrella and matrix is dependent on correct size selection of the Iceross liner. Incorrect sizing may cause discomfort to the user, perspiration and reduced control of the prosthesis.

NOTE - ICEROSS SEAL-IN LINERS:

For Iceross Seal-In liners, it is essential that the Hypobaric Sealing Membrane (HSM™) sits correctly against the liner around its full circumference. Once you have selected the liner according to our instructions, assess the membrane according to the pictures below, visually and manually. Picture 3 is the optimal situation. **In some cases, the next size down may need to be selected to achieve this fitting (this is unique to Iceross Seal-In liners and should not be applied to other Iceross models, including the Iceross Seal-In X, Seal-In X5 and Seal-In V liners).**



1. LINER IS TOO SMALL



2. LINER IS TOO BIG



3. LINER FITS CORRECTLY

The sizing recommendations are intended as a guide. There may be occasions when alternative sizes need to be selected.

ICEROSS® TRANSTIBIAL LINERS BY ÖSSUR

2. IMPACT LEVELS

The impact levels are important considerations when selecting a liner. Impact levels relate to the amount of loading placed through the Iceross liner.

3. FITTING AIDS

The profile of the Iceross is cylindrical with a rounded distal end. This design accommodates most residual limb shapes. There are occasions, however, when a patient will exhibit an unusual or irregular residual limb shape that does not enable a total contact fit between the skin and the Iceross. The fitting aids are designed to work in conjunction with the Iceross to change the profile of unusual or irregular residual limb shapes to match that of the Iceross. This process is known as profile matching.

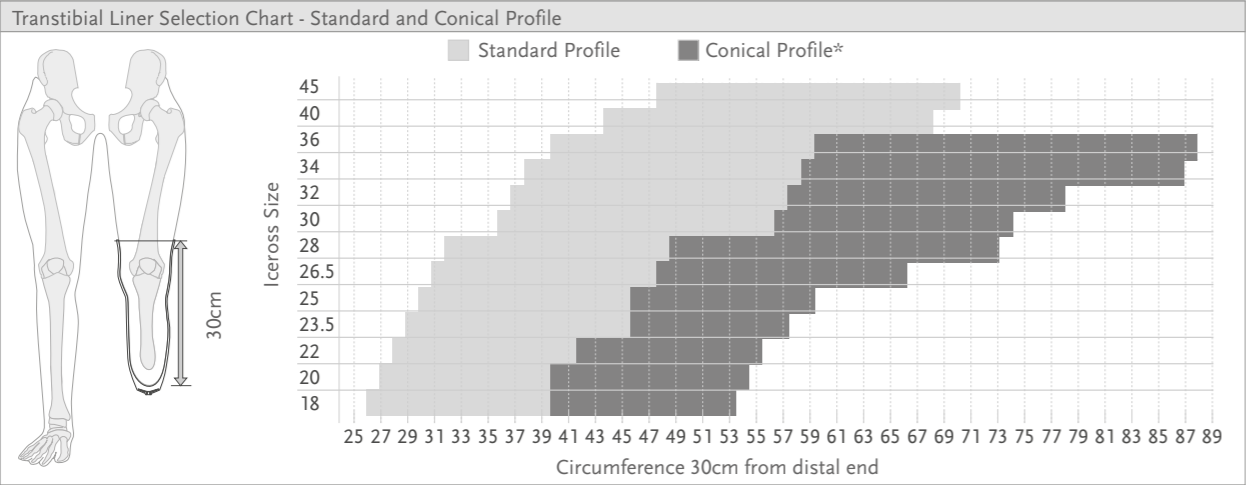


Assess the residual limb shape:

- If the shape is cylindrical, then no fitting aids are required.
- If the residual limb presents a square or flattened distal end, then an Iceross Pad should be installed distally to ensure profile matching between the end of the residual limb and the rounded end of the Iceross liner.
- If the residual limb is conical in shape, then a Distal Cup could be used in conjunction with the Iceross to help ensure correct profile matching. The Distal Cup will assist in providing a more cylindrical shape prior to fitting the Iceross liner.
- Iceross liner size is selected from a measurement taken over the Distal Cup on the residual limb.
- If the residual limb presents with a bulbous distal end (ankle disarticulation, Symes, Lisfranc, etc.), Iceross use is contraindicated and you should consult your local Össur representative to find an appropriate solution.

4. PROFILE

Measure the circumference of the residual limb approximately 30 cm above the distal end, refer to the horizontal axis of the selection chart. If the intersection from the horizontal and vertical axes lies in the light grey area of the chart then a standard profile is recommended, if it lies in the dark grey area then a conical profile is recommended.



*For Iceross Dermo Locking with Wave only
Note: This chart is only an indication of use and should only be used to support the CPO's own experience.

ICEROSS SEAL-IN® X



Providing advanced Seal-In technology for a wider range of users, Iceross Seal-In X is easier to invert and don, even for less active users who may have hand dexterity issues.

The sleeveless design features a separate seal ring, which can be flexibly positioned for optimum suction regardless of limb shape. It can also be moved as necessary throughout the day for added comfort. Special seamless fabric elongates appropriately over the patella for knee flexion, while the soft, yet durable silicone blend helps nurture potentially fragile skin.

The seal-ring offering provides three different options:

- X-Classic - the classic day-to-day seal
- X-Grip - for good rotational control
- X-Volume - accommodates more volume reduction

The modular nature of the product makes selection easier, enhancing inventory control. Seal rings can also be renewed as required, without the need for a new liner.

Seal-In X technology is ideal for use with Össur's Unity vacuum system.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to High
Liner Information	
Liner Sizes:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,40*
Liner Profiles:	3mm, 6mm
Seal Ring Sizes:	20,22,24,26,28,30,32,35,38,41,44,47,51,55,60,65

*Size 40 is only available in 3mm.

SUSPENSION METHOD

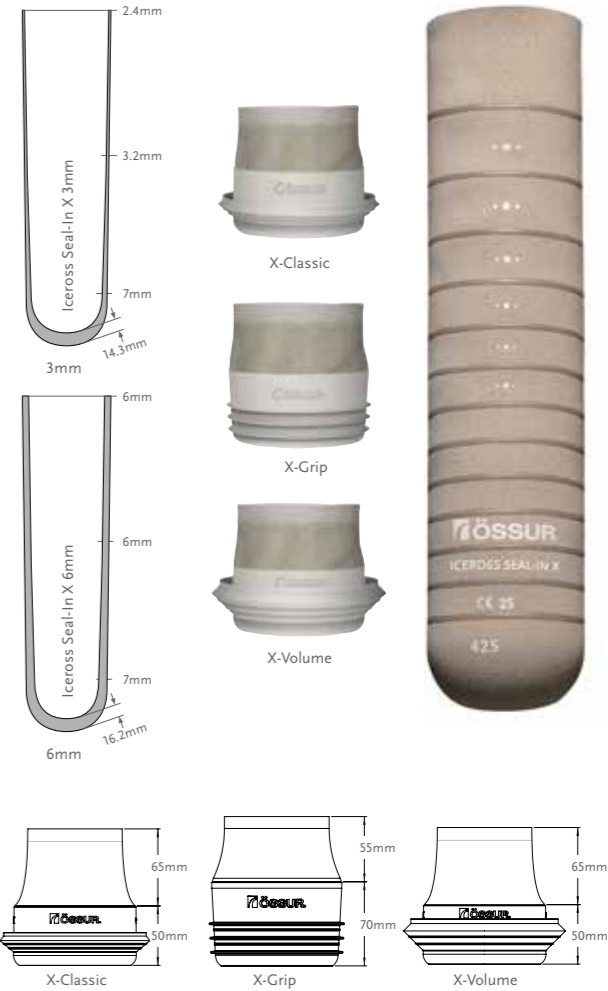


SEAL-IN X

FEATURES



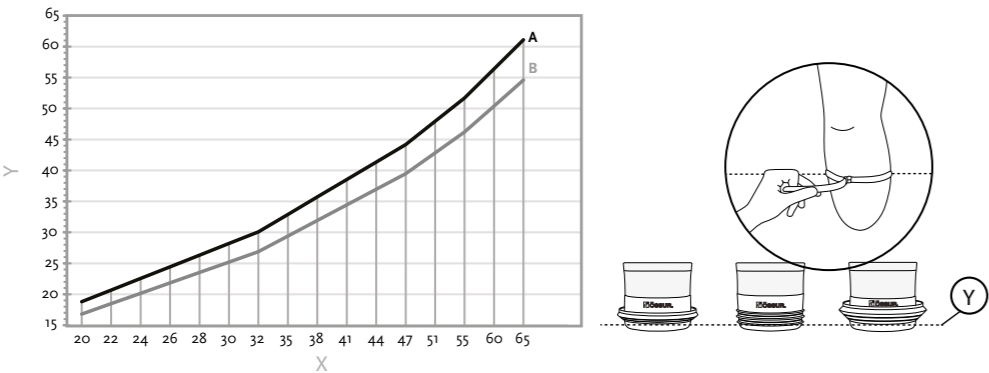
FABRIC COVER ACTIVE SKIN CARE SILKEN INNER SURFACE EASY GLIDE



ICEROSS SEAL-IN® X

SEAL RING SIZE SELECTION

- 1. Measure residual limb circumference (in cm) at the appropriate location, directly on the skin
- 2. Refer to the sizing chart to estimate correct device size
- 3. Sizing chart legend: X-Seal size, Y-Circumference (cm), A-Tight fit, B-Loose fit



MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

Measure from mid-patella tendon to distal end. Compare the measurement to the table below.

Liner Size	Minimum Length
16-23.5	11cm
25-30	12cm
32-36	13cm
40	14cm

PART NUMBER INFORMATION - ICEROSS SEAL-IN X

Part#	Description	Contains
I-4443XX	Iceross Seal-In X 3mm	Liner
I-4446XX	Iceross Seal-In X 6mm	Liner
I-SXC0XX	Iceross Seal-In X-Classic	Seal-In X-Classic Ring
I-SXG0XX	Iceross Seal-In X-Grip	Seal-In X-Grip Ring
I-SXV0XX	Iceross Seal-In X-Volume	Seal-In X-Volume Ring
I-RXC001	Seal-In X-Classic Kit 26-51	10 Seal-In X-Classic Rings
I-RXC004	Seal-In X-Classic Kit 20-65	16 Seal-In X-Classic Rings
I-RXG001	Seal-In X-Grip Kit 26-51	10 Seal-In X-Grip Rings
I-RXG004	Seal-In X-Grip Kit 20-65	16 Seal-In X-Grip Rings
I-RXV001	Seal-In X-Volume Kit 26-51	10 Seal-In X-Volume Rings
I-RXV004	Seal-In X-Volume Kit 20-65	16 Seal-In X-Volume Rings

ICEROSS SEAL-IN® V TRANSTIBIAL WITH WAVE



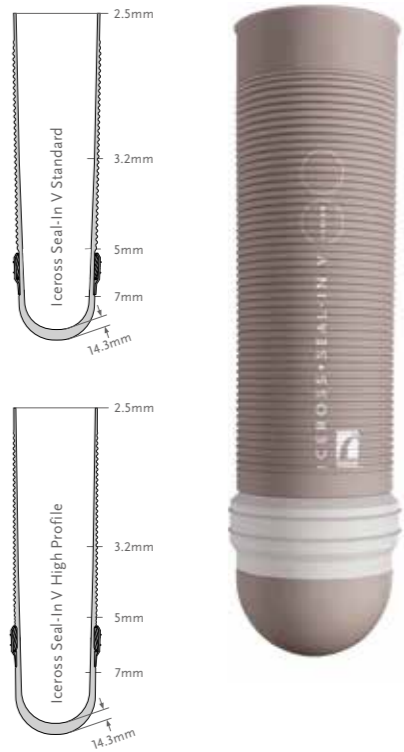
Iceross Seal-In V features the latest Seal-In membrane for the best in-socket seal technology available today.

Based on the Iceross Cushion profile, Iceross Seal-In V has a soft distal end for close fit and comfort.

Iceross Seal-In V is available with the seal in two different locations, Standard and High Profile. The High Profile variant should be used when residual limb length allows for it, especially in case of sensitive spots on the distal tibial crest.

Össur recommends Iceross Seal-In V for amputees already past the initial phase of volume and shape conditioning, during the first months post-amputation Iceross Dermo Cushion & Iceross Sleeve are recommended.

User Information	
Amputation Level:	Transtibial
Impact Level:	All
Liner Information	
Sizes:	18,20,22,23.5,25,26.5,28,30,32,34,36
Profile:	3mm wave



SUSPENSION METHOD



SEAL-IN V

FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



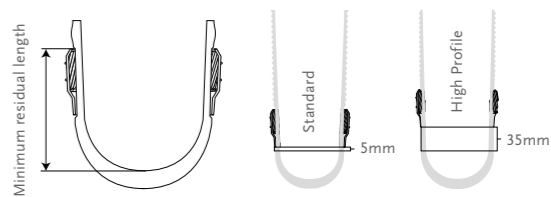
WAVE

MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

Measure from mid-patella tendon to distal end. Compare the measurement to the table below.

	Minimal Residual Length*	
Liner Size	Standard	High Profile
18-20	10cm	13cm
21-25	11cm	14cm
26-30	12cm	15cm
31-36	13cm	16cm

*Residual limb shapes and trim line preference varies, minimum residual length values are approximates only.



PART NUMBER INFORMATION - ICEROSS SEAL-IN V TRANSTIBIAL WITH WAVE

Part#	Profile	Description
I-4713XX	Wave 3mm	Seal-In V
I-4723XX	Wave 3mm	Seal-In V High Profile

ICEROSS SEAL-IN® X5 TRANSTIBIAL WITH WAVE

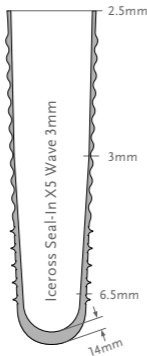


The Iceross Seal-In X5 with Wave incorporates a series of five integrated seals that conform to the shape of the residual limb and the internal socket wall, providing an airtight seal.

The Iceross Seal-In X5 with Wave offers uncompromised security and freedom of movement.

Össur recommends that Iceross Seal-In X5 Transtibial with Wave is used in conjunction with the Icelock® 500 Series Expulsion Valve.

User Information	
Amputation Level:	Transtibial
Impact Level:	All
Liner Information	
Size Standard:	18,20,22,23.5,25,26.5,28,30,32,34,36
Profile:	3mm
Matrix:	10-13cm



SUSPENSION METHOD



SEAL-IN X5

FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



WAVE

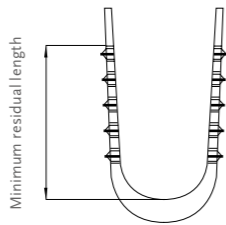


MENTHOL

MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

Measure from mid-patella tendon to distal end. Compare the measurement to the table below.

Liner Size	Matrix Length
18	10cm
20-25	11cm
26.5-30	12cm
32-36	13cm



Matrix size varies depending on the liner size, the smaller the liner the shorter the matrix.

PART NUMBER INFORMATION - ICEROSS SEAL-IN X5 TRANSTIBIAL LINER WITH WAVE

Part#	Profile	Suspension Method	Matrix
I-3664XX	Wave 3mm	Seal-In X5	10 -13cm

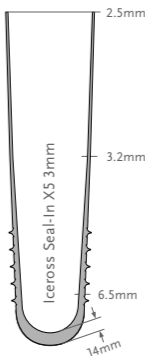
ICEROSS SEAL-IN® X5 TRANSTIBIAL



The Iceross Seal-In X5 incorporates a series of five integrated seals that conform to the shape of the residual limb and the internal socket wall, providing an airtight seal.

Össur recommends that Iceross Seal-In X5 Transtibial is used in conjunction with the Icelock® 500 Series Expulsion Valve.

User Information	
Amputation Level:	Transtibial
Impact Level:	All
Liner Information	
Size Standard:	18,20,22,23.5,25,26.5,28,30,32,34,36
Profile:	3mm
Matrix:	10-13cm



SUSPENSION METHOD



SEAL-IN X5

FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

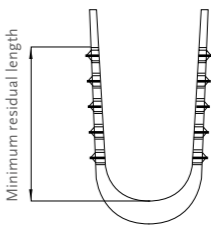


MENTHOL

MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

Measure from mid-patella tendon to distal end. Compare the measurement to the table below.

Liner Size	Matrix Length
18	10cm
20-25	11cm
26.5-30	12cm
32-36	13cm



Matrix size varies depending on the liner size, the smaller the liner the shorter the matrix.

PART NUMBER INFORMATION - ICEROSS SEAL-IN X5 TRANSTIBIAL

Part#	Profile	Suspension Method	Matrix
I-3663XX	3mm	Seal-In X5	10 -13cm

ICEROSS DERMO SEAL-IN®

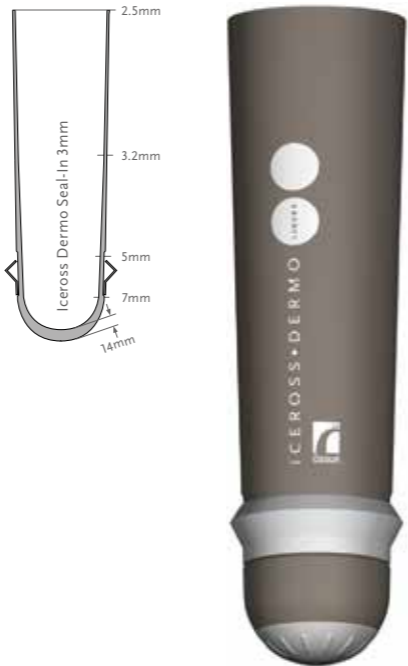


Made with the softest silicone, Iceross Dermo cushions the limb while actively caring for the skin. Ideal for vascular patients and those with sensitive skin.

Iceross Dermo is a premium suspension liner that provides superb softness, gentle skin contact and unique Active Skin Care ingredients. The combination of DermoGel® silicone with an ultra-strong and elastic Supplex® fabric cover offers excellent durability and an intimate fit.

Össur recommends that Iceross Dermo Seal-In is used in conjunction with the Icelock® 500 Series Expulsion Valve.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to High
Liner Information	
Size Standard:	18,20,22,23.5,25,26.5,28,30,32,34,36
Profile:	3mm
Matrix:	10cm



SUSPENSION METHOD



SEAL-IN

FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

PART NUMBER INFORMATION - ICEROSS DERMO SEAL-IN

Part#	Profile	Suspension Method	Matrix
I-4613XX	3mm	Seal-In	10cm

ICEROSS® SYNERGY™ LOCKING WITH WAVE



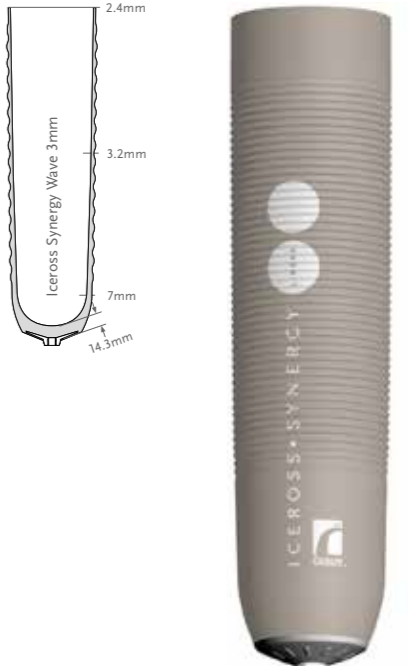
The Iceross Synergy liner with Wave incorporates a unique combination of two different silicone durometers to provide the perfect balance of comfort and stability.

A firm silicone outer layer provides outstanding stability for active use, while a softer shock-absorbing inner layer nurtures the skin, offering superb suspension and comfort.

Iceross Synergy with Wave makes the liner easier to flex at the knee, allowing it to adapt more to the user's movements. Less resistance means that less energy is required to flex the knee.

Össur recommends that Iceross Synergy with Wave is used in conjunction with the Icelock® 600 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Moderate to Extreme
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,40,45
Profile:	3mm
Matrix:	10cm or Custom 2-14cm*



SUSPENSION METHOD



LOCKING

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STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



DOUBLE DUROMETER



MENTHOL



WAVE

PART NUMBER INFORMATION - ICEROSS SYNERGY LOCKING WITH WAVE

Part#	Profile	Suspension Method	Matrix
I-6303XX	3mm Wave	Locking	10cm
I-6206XX	3mm Wave	Locking	Custom 2-14cm*

*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilizing matrix length can be +/- 1.5cm.

ICEROSS® SYNERGY™ LOCKING

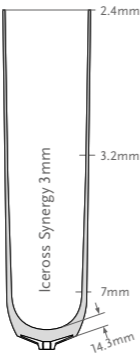


The Iceross Synergy liner incorporates a unique combination of two different silicone durometers to provide the perfect balance of comfort and stability.

A firm silicone outer layer provides outstanding stability for active use, while a softer shock-absorbing inner layer nurtures the skin, offering superb suspension and comfort.

Össur recommends that Iceross Synergy is used in conjunction with the Icelock® 600 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Moderate to Extreme
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,40,45
Profile:	3mm
Matrix:	10cm or Custom 2-14cm*



SUSPENSION METHOD



LOCKING

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STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



DOUBLE DUROMETER



MENTHOL

PART NUMBER INFORMATION - ICEROSS SYNERGY

Part#	Profile	Suspension Method	Matrix
I-6003XX	3mm	Locking	10cm
I-6203XX	3mm	Locking	Custom 2-14cm*

*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilizing matrix length can be +/- 1.5cm.

ICEROSS DERMO® LOCKING WITH WAVE



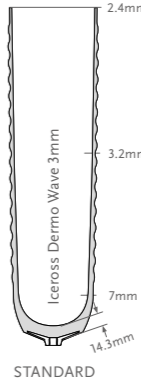
Made with the softest silicone, Iceross Dermo cushions the limb while actively caring for the skin. Ideal solution for people with vascular problems or sensitive skin.

Iceross Dermo features horizontal waves designed for easier flexion at the knee, Iceross Dermo Conical also features vertical waves intended to reduce pressure at the wider, proximal end and help prevent the edges from rolling down.

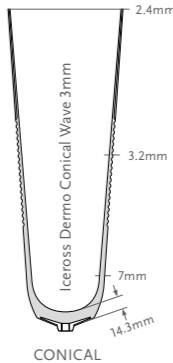
A premium suspension liner that provides superb softness, gentle skin contact and unique Active Skin Care ingredients. The combination of DermoGel® silicone with an ultra-strong and elastic Supplex® fabric cover offers excellent durability and an intimate fit.

Össur recommends that Iceross Dermo Locking with Wave is used in conjunction with the Icelock® 600 series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,40,45
Size Conical:	18,20,22,23.5,25,26.5,28,30,32,34,36
Profile:	3mm
Matrix:	10cm or Custom 2-14cm*



STANDARD



CONICAL



SUSPENSION METHOD



LOCKING

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STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



WAVE



CONICAL

PART NUMBER INFORMATION - ICEROSS DERMO LOCKING WITH WAVE

Part#	Profile	Suspension Method	Matrix
I-4313XX	3mm Wave	Locking	10cm
I-4223XX	3mm Wave	Locking	Custom (2-14cm)*
I-4913XX	Conical 3mm Wave	Locking	10cm

*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilizing matrix length can be +/- 1.5cm.

ICEROSS DERMO® LOCKING



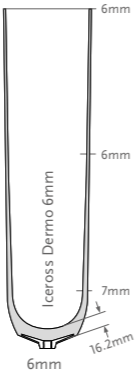
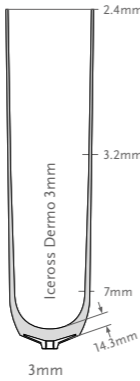
Made with the softest silicone, Iceross Dermo cushions the limb while actively caring for the skin. Ideal for vascular users and those with sensitive skin.

Iceross Dermo is a premium suspension liner that provides superb softness, gentle skin contact and unique Active Skin Care ingredients. The combination of DermoGel® silicone with an ultra-strong and elastic Supplex® outer cover offers excellent durability and an intimate fit.

Össur recommends that Iceross Dermo Locking is used in conjunction with the Icelock® 600 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,40,45*
Profile:	3mm or 6mm
Matrix:	10cm or Custom 2-14cm*

* Iceross Dermo 6mm Custom Liner is not available in the following sizes: 16,18,34,36,40,45.



SUSPENSION METHOD



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STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

PART NUMBER INFORMATION - ICEROSS DERMO LOCKING

Part#	Profile	Suspension Method	Matrix
I-4013XX	3mm	Locking	10cm
I-4213XX	3mm	Locking	Custom 2-14cm*
I-4016XX	6mm	Locking	10cm
I-4216XX	6mm	Locking	Custom 2-14cm*

*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilizing matrix length can be +/- 1.5cm.

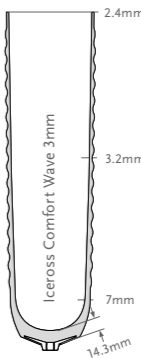
ICEROSS COMFORT® LOCKING WITH WAVE



Iceross Comfort is designed with Össur's stabilizing matrix, a size-specific distal attachment and a nylon fabric cover. Iceross Comfort utilizes soft Sensil® silicone and is an ideal liner for residual limbs with bony prominences prone to pressure peaks.

Össur recommends that Iceross Comfort Locking with Wave is used in conjunction with the Icelock® 600 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,40,45
Profile:	3mm
Matrix:	10cm



SUSPENSION METHOD



LOCKING

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STABILIZING MATRIX



FABRIC COVER



SILKEN INNER SURFACE



WAVE

PART NUMBER INFORMATION - ICEROSS COMFORT LOCKING

Part#	Profile	Suspension Method
I-5303XX	3mm Wave	Locking

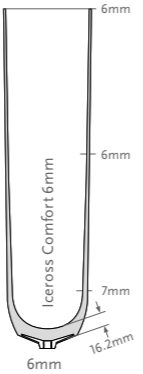
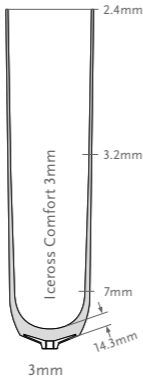
ICEROSS COMFORT® LOCKING



Iceross Comfort is designed with Össur's patented stabilizing matrix, a size-specific distal attachment and a nylon fabric cover. Iceross Comfort is an exceptional liner for residual limbs with bony prominences prone to pressure peaks.

Össur recommends that Iceross Comfort Locking is used in conjunction with the Icelock® 600 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,40,45
Profile:	3mm or 6mm
Matrix:	10cm or Custom 2-14cm*



SUSPENSION METHOD



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STABILIZING MATRIX



FABRIC COVER

PART NUMBER INFORMATION - ICEROSS COMFORT LOCKING

Part#	Profile	Suspension Method	Matrix
I-5406XX	3mm	Locking	10cm
I-5506XX	3mm	Locking	Custom 2-14cm*
I-5006XX	6mm	Locking	10cm
I-5106XX	6mm	Locking	Custom 2-14cm*

*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilizing matrix length can be +/- 1.5cm.

ICEROSS® ORIGINAL LOCKING

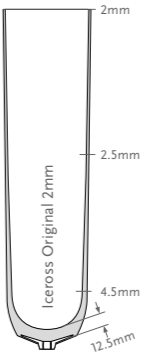


A straightforward product for stability and suspension, ideal for post-operative use.

The Iceross Original is easy to don and doff and is recommended for users from low to high activity levels who require good stability and suspension. The Stabilizing Matrix effectively minimizes pistoning.

Össur recommends that Iceross Original Locking is used in conjunction with the Icelock® 600 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to High
Liner Information	
Size with cover:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,38,40,42,45
Size without cover:	12,14,16,18,20,22,23.5,25,26.5,28,30,32,34,36,38,40,42,45
Profile:	2mm
Matrix:	10cm or Custom 2-14cm*



SUSPENSION METHOD



LOCKING

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STABILIZING MATRIX



FABRIC COVER

PART NUMBER INFORMATION - ICEROSS ORIGINAL LOCKING WITH AND WITHOUT COVER

Part#	Description	Profile	Suspension Method	Matrix
I-0124XX	Iceross Original with Cover	2mm	Locking	10cm
I-2024XX	Iceross Original with Cover	2mm	Locking	Custom 2-14cm*
I-0104XX	Iceross Original without Cover	2mm	Locking	10cm
I-2004XX	Iceross Original without Cover	2mm	Locking	Custom 2-14cm*

*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilizing matrix length can be +/- 1.5cm.

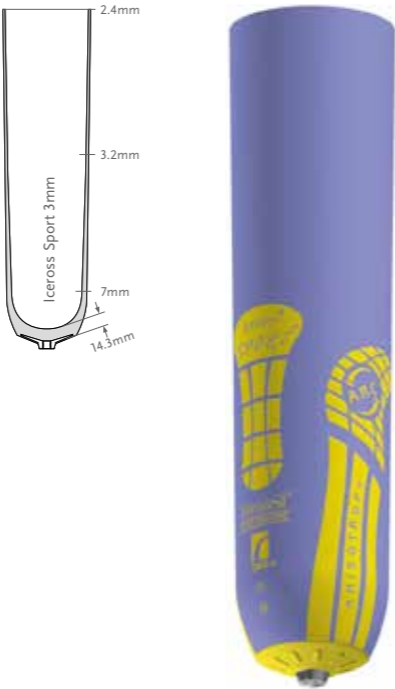
ICEROSS® SPORT LOCKING



For active amputees that experience greater stress on the residual limb and require additional stability and intimacy of fit. Iceross Sport features a unique double-layer silicone design and an Advanced Rotation Control System that together provide effective shock-absorption and rotational stability.

Unlike other suspension liners that are designed mainly for lower activity levels, Iceross Sport is designed specifically to give active amputees the stability and support needed to lead an active lifestyle.

Össur recommends that Iceross Sport Locking is used in conjunction with the Icelock® 600 Series.



User Information	
Amputation Level:	Transtibial
Impact Level:	High to Extreme
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34
Profile:	3mm
Matrix:	10cm or Custom 2-14cm*

SUSPENSION METHOD



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STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



DOUBLE DUROMETER



MENTHOL

PART NUMBER INFORMATION - ICEROSS SPORT LOCKING

Part#	Profile	Suspension Method	Matrix	Items
I-1033XX	3mm	Locking	10cm	N/A
I-1233XX	3mm	Locking	Custom 2-14cm*	N/A
I-1033XXD	3mm	Locking	10cm	Double Pack

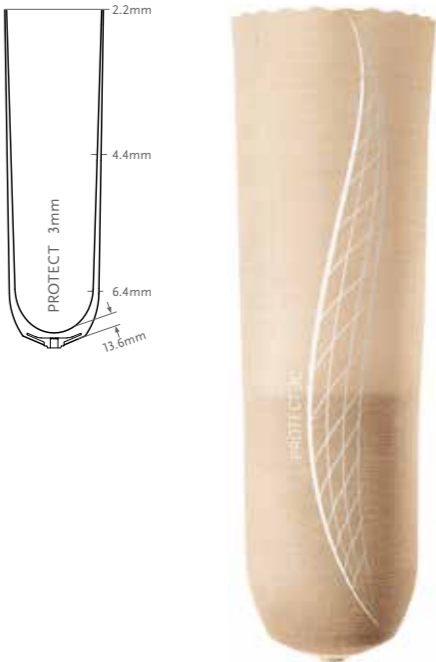
*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilizing matrix length can be +/- 1.5cm.

PROTECT™ LOCKING



Protect provides secure suspension between the residual limb and the prosthesis. It is indicated for diabetic users with dry and atrophic skin. The liner has a microscopically smooth surface and permanently releases skin-care substances.

- Benefits of Protect
- Cares for the sensitive skin of the residual limb with the permanent release of skin-care substances
 - Saves time and energy, hard-wearing textile cover for easy donning and doffing



User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate
Liner Information	
Size Standard:	18,20,22,23.5,25,26.5,28,30,32,34,36,38,40,45
Profile:	3mm
Matrix:	10cm + 3cm

SUSPENSION METHOD



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STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE

PART NUMBER INFORMATION - PROTECT LOCKING

Part#	Profile	Suspension Method	Matrix
MC971XX	3mm	Locking	10cm + 3cm

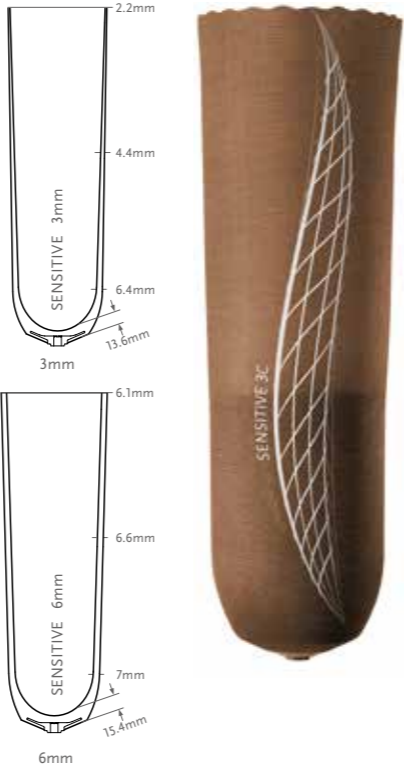
SENSITIVE™ LOCKING



Sensitive provides secure suspension between the residual limb and the prosthesis. It has been developed especially for users with tender residual limbs sensitive to pressure. The silicone used has particularly soft and cushioning properties and a microscopically smooth surface.

- Sensitive
- Soft, cushioning silicone
 - Saves time and energy due to the easy-sliding, hard-wearing textile cover for easy donning and doffing
 - Pleasant wearing comfort due to good adhesion and soft tissue stabilizatio

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate
Liner Information	
Size Standard:	18,20,22,23.5,25,26.5,28,30,32,34,36,38,40,45
Profile:	3mm or 6 mm
Matrix:	10cm + 3cm



SUSPENSION METHOD -



LOCKING

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STABILIZING MATRIX



FABRIC COVER

PART NUMBER INFORMATION - SENSITIVE LOCKING

Part#	Profile	Suspension Method	Matrix
M8915XX	3mm	Locking	10cm + 3cm
M8914XX	6mm	Locking	10cm + 3cm

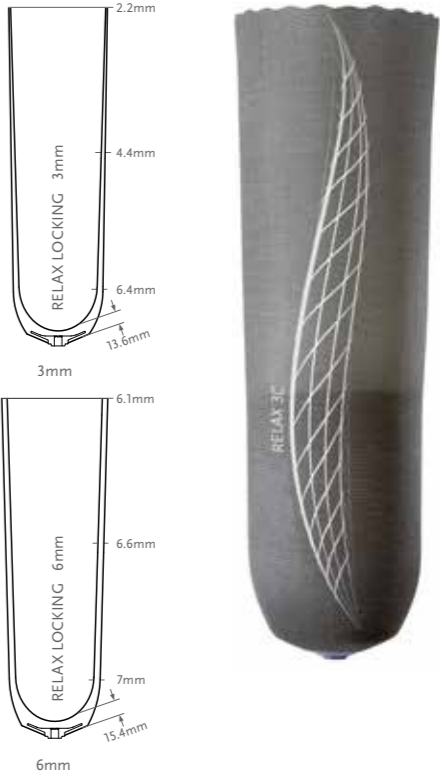
RELAX™ LOCKING



Relax Locking below-the-knee liner provides secure suspension between the residual limb and the prosthesis. The silicone used is particularly skin-friendly and easy to clean while the Umbrellan fabric is designed to treat phantom pain.

- Benefits of Relax Locking
- Optimal soft-tissue cohesion relieves stress on the residual limb
 - Hard wearing textile for easy donning and doffing
 - Pleasant wearing comfort due to good adhesion and soft tissue stabilization

User Information	
Amputation Level:	Transtibial
Impact Level:	All
Liner Information	
Size Standard:	18,20,22,23.5,25,26.5,28,30,32,34,36,38,40,45
Profile:	3mm or 6mm
Matrix:	10cm + 3cm



SUSPENSION METHOD



LOCKING

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STABILIZING MATRIX



FABRIC COVER



UMBRELLAN

PART NUMBER INFORMATION - RELAX LOCKING

Part#	Profile	Suspension Method	Matrix
M8994XX	3mm	Locking	10cm + 3cm
M8996XX	6mm	Locking	10cm + 3cm

ICEROSS® SYNERGY™ CUSHION WITH WAVE



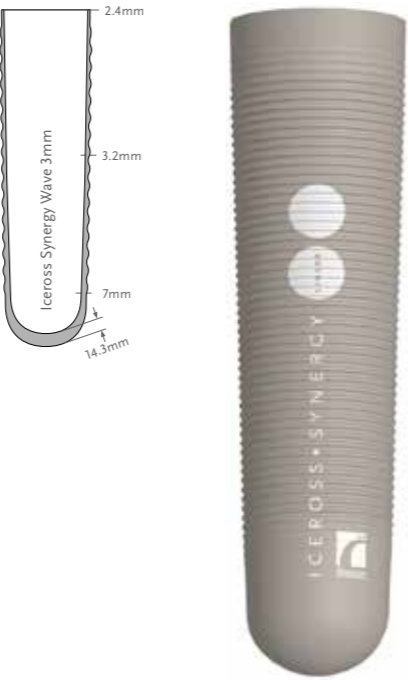
The Iceross Synergy Cushion liner with Wave incorporates a unique combination of two different silicone durometers to provide the perfect balance of comfort and stability.

A firm silicone outer layer provides outstanding stability for active use, while a softer shock-absorbing inner layer nurtures the skin, offering superb suspension and comfort.

The Wave feature makes the liner easier to flex at the knee, allowing it to adapt more to the user's movements. Less resistance means that less energy is required to flex the knee. It stretches easily over the patella and effectively controls folding of the liner behind the knee.

Össur recommends that Iceross Synergy Cushion with Wave is used in conjunction with the Iceross Sleeve and the Icelock® 500 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Moderate to Extreme
Liner Information	
Size Standard:	16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40
Profile:	3mm



SUSPENSION METHOD



CUSHION

FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



DOUBLE DUROMETER



MENTHOL



WAVE

PART NUMBER INFORMATION - ICEROSS SYNERGY CUSHION WITH WAVE

Part#	Profile	Suspension Method
I-CW63XX	3mm Wave	Cushion

ICEROSS® SYNERGY™ CUSHION

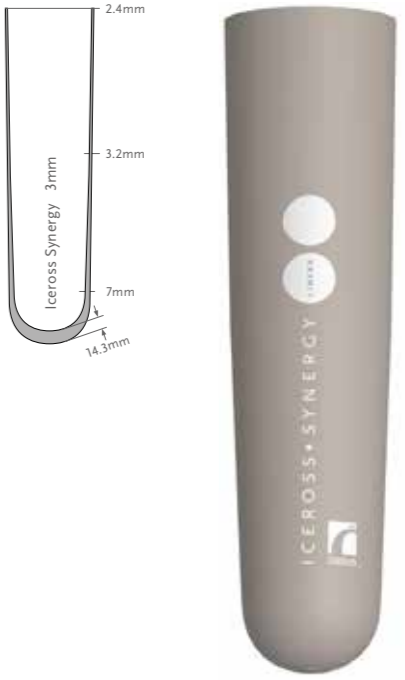


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A firm silicone outer layer provides outstanding stability for active use, while a softer shock-absorbing inner layer nurtures the skin, offering superb suspension and comfort.

Össur recommends that Iceross Synergy Cushion is used in conjunction with the Iceross Sleeve and the Icelock® 500 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Moderate to Extreme
Liner Information	
Size Standard:	16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40
Profile:	3mm



SUSPENSION METHOD



CUSHION

FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



DOUBLE DUROMETER



MENTHOL

PART NUMBER INFORMATION - ICEROSS SYNERGY CUSHION

Part#	Profile	Suspension Method
I-CL63XX	3mm	Cushion

ICEROSS DERMO® CUSHION WITH WAVE



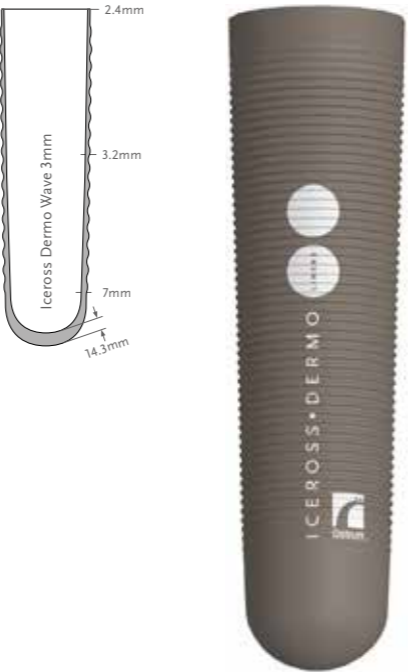
Iceross Dermo Cushion with Wave is made with the softest silicone that actively cares for the skin.

This liner provides superb softness, gentle skin contact and Össur's unique Active Skin Care ingredients. The combination of DermoGel® silicone with an ultra-strong and elastic Supplex® fabric cover offers excellent durability and an intimate fit.

The Wave feature makes the liner easier to flex at the knee, allowing it to adapt more to the user's movements. Less resistance means that less energy is required to flex the knee.

Össur recommends that Iceross Dermo Cushion with Wave is used in conjunction with Iceross Sleeve and Icelock® 500 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to High
Liner Information	
Size Standard:	16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40
Profile:	3mm



SUSPENSION METHOD



CUSHION

FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



WAVE

PART NUMBER INFORMATION - ICEROSS DERMO CUSHION WITH WAVE

Part#	Profile	Suspension Method
I-CW43XX	3mm	Cushion

ICEROSS DERMO® CUSHION



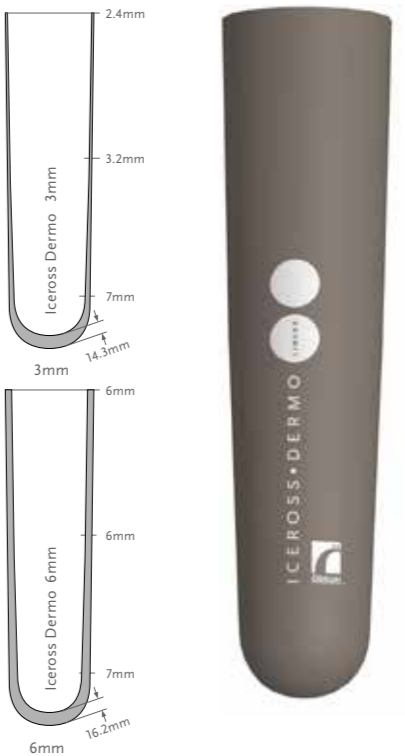
Iceross Dermo Cushion liner is made with the softest silicone that actively cares for the skin.

This liner provides superb softness, gentle skin contact and Össur's unique Active Skin Care ingredients. The combination of DermoGel® silicone with an ultra-strong and elastic Supplex® fabric cover offers excellent durability and an intimate fit.

Össur recommends that Iceross Dermo Cushion is used in conjunction with Iceross Sleeve and Icelock® 500 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to High
Liner Information	
Size Standard:	16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40*
Profile:	3mm or 6mm

*Size 40 is only available in 3mm.



SUSPENSION METHOD



CUSHION

FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

PART NUMBER INFORMATION - ICEROSS DERMO CUSHION

Part#	Profile	Suspension Method
I-CL43XX	3mm	Cushion
I-CL46XX	6mm	Cushion

ICEROSS COMFORT® CUSHION

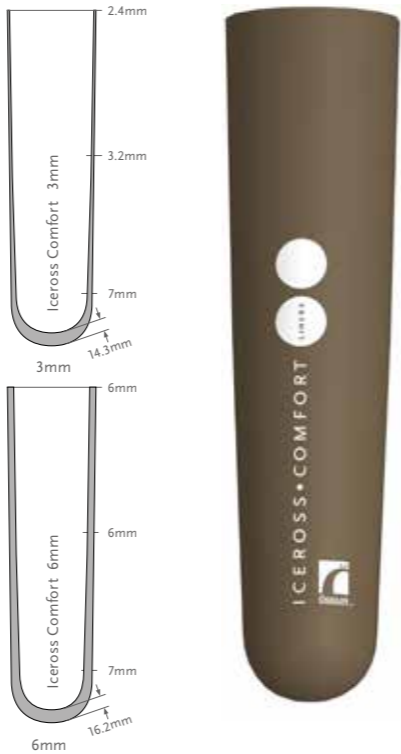


Iceross Comfort is designed with Össur’s Sensil® silicone and a nylon fabric cover. Iceross Comfort is an exceptional liner for residual limbs with bony prominences prone to pressure peaks, and/or conical residual limbs.

Össur recommends that Iceross Comfort Cushion is used in conjunction with the Iceross Sleeve and Icelock® 500 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate
Liner Information	
Size Standard:	16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40*.
Profile:	3mm or 6mm

*Size 40 is only available in 3mm.



SUSPENSION METHOD



CUSHION

FEATURES



FABRIC COVER

PART NUMBER INFORMATION - ICEROSS COMFORT CUSHION

Part#	Profile	Suspension Method
I-CL53XX	3mm	Cushion
I-CL56XX	6mm	Cushion

ICEROSS® ACTIVA WITH TIBIAGUARD™ CUSHION

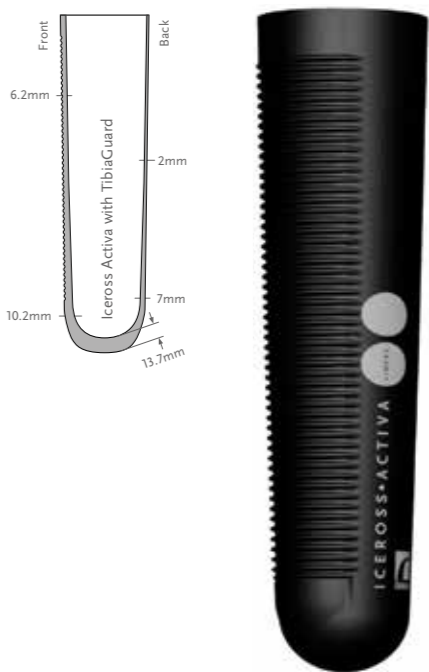


The supreme cushion liner for active users with optimal cushioning, comfort and maximum stability.

The Iceross Activa with TibiaGuard is manufactured with revolutionary techniques that combine different types of silicone to meet the challenging requirements of highly active transtibial users.

The integrated TibiaGuard provides optimal cushioning while a thinner, stiffer posterior portion is designed to enhance maximum stability.

User Information	
Amputation Level:	Transtibial
Impact Level:	Moderate to Extreme
Liner Information	
Size Standard:	18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34
Profile:	2mm posterior, 6mm anterior



SUSPENSION METHOD



CUSHION

FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



DOUBLE DUROMETER



WAVE



TIBIAGUARD

PART NUMBER INFORMATION - ICEROSS ACTIVA WITH TIBIAGUARD CUSHION

Part#	Profile	Suspension Method
I-CT62XX	2mm / 6mm	Cushion

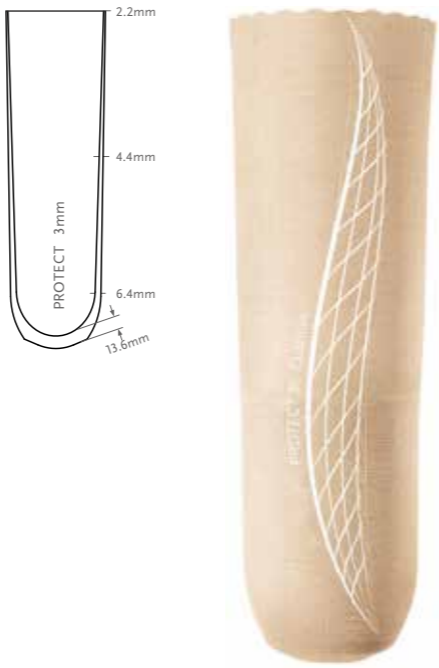
PROTECT™ CUSHION



Protect provides secure suspension between the residual limb and the prosthesis. It is indicated for diabetic users with dry and atrophic skin. The liner has a microscopically smooth surface and permanently releases skin-care substances.

- Benefits of Protect
- Cares for the sensitive skin of the residual limb with the permanent release of skin-care substances
 - Saves time and energy, hard-wearing textile cover for easy donning and doffing

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate
Liner Information	
Size Standard:	18,20,22,23.5,25,26.5,28,30,32,34,36,38,40,45
Profile:	3mm



SUSPENSION METHOD



CUSHION

FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

PART NUMBER INFORMATION - PROTECT CUSHION

Part#	Profile	Suspension Method
MC973xx	3mm	Cushion

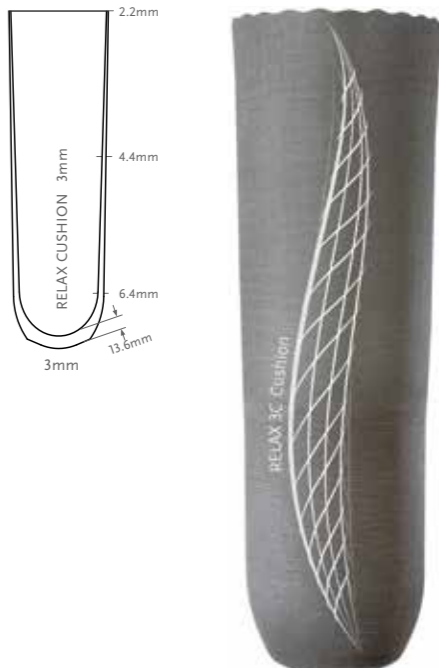
RELAX™ CUSHION



Relax Cushion is a below-the-knee liner that provides secure suspension between the residual limb and the prosthesis. The silicone used is particularly skin-friendly and easy to clean while the Umbrellan fabric is designed to treat phantom pain.

- Optimal soft-tissue cohesion relieves stress on the residual limb
- Hard wearing textile for easy donning and doffing

User Information	
Amputation Level:	Transtibial
Impact Level:	All
Liner Information	
Size Standard:	18,20,22,23.5,25,26.5,28,30,32,34,36,38,40,45
Profile:	3mm
Matrix:	10cm + 3cm



SUSPENSION METHOD



CUSHION

FEATURES



STABILIZING MATRIX



FABRIC COVER



UMBRELLAN

PART NUMBER INFORMATION - RELAX CUSHION

Part#	Profile	Suspension Method	Matrix
M8997XX	3mm	Cushion	10cm + 3cm

ICEROSS® SLEEVE

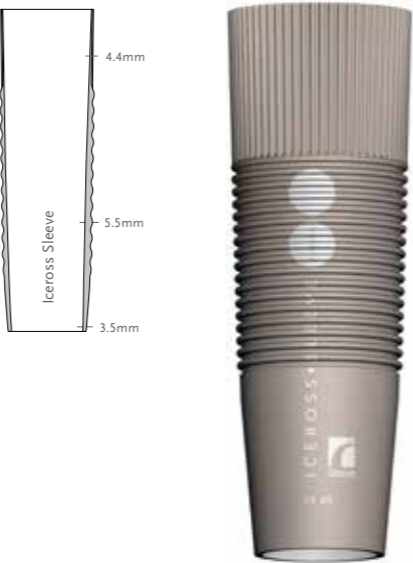


The Iceross Sleeve generates good suction, more security and less resistance at the knee.

Össur took the Wave technology to the next level when developing the Iceross Sleeve. The Wave feature makes the liner easier to flex at the knee, allowing it to adapt more to the user's movements. Less resistance means that less energy is required to flex the knee. It stretches effectively at the front and folds in a controlled way behind the knee.

The profile of the sleeve is thicker around the socket brims, focusing on strength at selected areas to reduce wear and tear. It is recommended to use the Iceross Sleeve in conjunction with the Iceross Cushion Liner Range.

User Information	
Amputation Level:	Transtibial
Impact Level:	All
Sleeve Information	
Size:	35,41,49,55,62



PART NUMBER INFORMATION - ICEROSS SLEEVE

Measure circumference 15cm (6") above mid-patella and choose the correct size.

Part#	Size	Measurements	
F-201135	35	35-41cm	13 3/4 - 16 1/7"
F-201141	41	41-49cm	16 1/7 - 19 1/3"
F-201149	49	49-55cm	19 1/3 - 21 6/9"
F-201155	55	55-62cm	21 6/9 - 24 2/5"
F-201162	62	62-76cm	24 2/5 - 30"

ICEFLEX® BALANCE SLEEVE



This economically priced sleeve features soft silicone and a nylon/Lycra® cover. The nylon ensures strength and Lycra provides elasticity, while our silicone offers optimal adhesion.



User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate

PART NUMBER INFORMATION - ICEFLEX BALANCE SLEEVE

Measure circumference 15cm (6") above mid-patella.

Part#	Size	Length		Measurements	
F-101035	35	36cm	14"	35-49cm	13 3/4" - 19 1/3"
F-101049	49	36cm	14"	49-62cm	19 1/3" - 24 2/5"
F-101062	62	36cm	14"	62-69cm	24 2/5" - 30"

GENU SLEEVE



The Genu Sleeve generates good suction, high secure a high wearing comfort.

The Genu Sleeve knee sleeve is a TPE sleeve for low and moderate active patients who likes a high wearing comfort while bending the knee.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate



PART NUMBER INFORMATION - GENU SLEEVE

Measure circumference 15cm (6") above mid-patella.

Size Information			
Part#	Size	Circumference Thigh	Length
MK00202	S	30-40cm	Approx. 35cm
MK00203	M	38-50cm	Approx. 35cm
MK00204	L	48-64cm	Approx. 35cm

PROTECTOR

The Protector extends the life of a knee sleeve and is included in the package of a Genu Sleeve, but it can be ordered separately as well.

It can be pulled over the socket before using the Genu Sleeve or any other knee sleeve.

PART NUMBER INFORMATION - PROTECTOR

Measure circumference 15cm (6") above mid-patella.

Size Information			
Part#	Size	Circumference Thigh	Length
M000202	S	30-40cm	Approx. 35cm
M000203	M	38-50cm	Approx. 35cm
M000204	L	48-64cm	Approx. 35cm

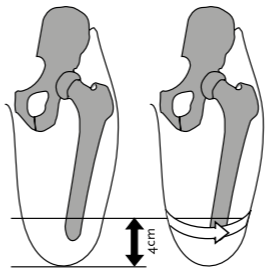


ICEROSS® TRANSFEMORAL LINERS BY ÖSSUR

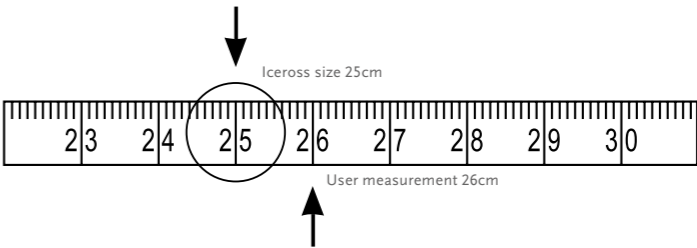
The transfemoral residual limb offers slightly different challenges to the prosthetist than the transtibial residual limb in terms of achieving optimal results from a prosthetic fitting. In recognizing these challenges, Össur was the first to design and introduce a specific Iceross Transfemoral liner to offer comfort, protection and optimal suspension of the transfemoral prosthesis.

- 1. Size
- 2. Residual Limb length
- 3. Profile
- 4. Fitting aids

1. SIZE



With the tissue of the residual limb hanging down, measure 4cm proximal to the distal end of the limb and mark this point on the skin. Measure the circumference of the limb at this point with medium tension on the tape measure.



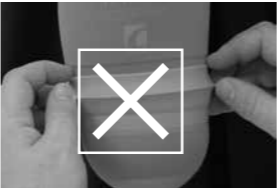
The measurement taken corresponds to the size of Iceross to be used. Select the liner size matching your measurement or, if between sizes, select the next size below. Do not select a size larger than your measurement or more than one size below it. E.g. if the circumference of the limb measures 26cm, select Iceross size 25.

NOTE - ICEROSS LOCKING LINERS:

The incorporated size-specific umbrella works in conjunction with the matrix. Optimal function of both the umbrella and matrix is dependent on correct size selection of the Iceross liner. Incorrect sizing may cause discomfort to the user, perspiration and reduced control of the prosthesis.

NOTE - ICEROSS SEAL-IN LINERS:

For Iceross Seal-In liners, it is essential that the Hypobaric Sealing Membrane (HSM™) sits correctly against the liner around its full circumference. Once you have selected the liner according to our instructions, assess the membrane according to the pictures below, visually and manually. Picture 3 is the optimal situation. **In some cases, the next size down may need to be selected to achieve this fitting. It is unique to the Iceross Seal-In liner and should not be applied to any other Iceross models including the Iceross Seal-In X and Seal-In X5.**



1. LINER IS TOO SMALL



2. LINER IS TOO BIG



3. LINER FITS CORRECTLY

The sizing recommendations are intended as a guide. There may be occasions when alternative sizes need to be selected.

ICEROSS® TRANSFEMORAL LINERS BY ÖSSUR

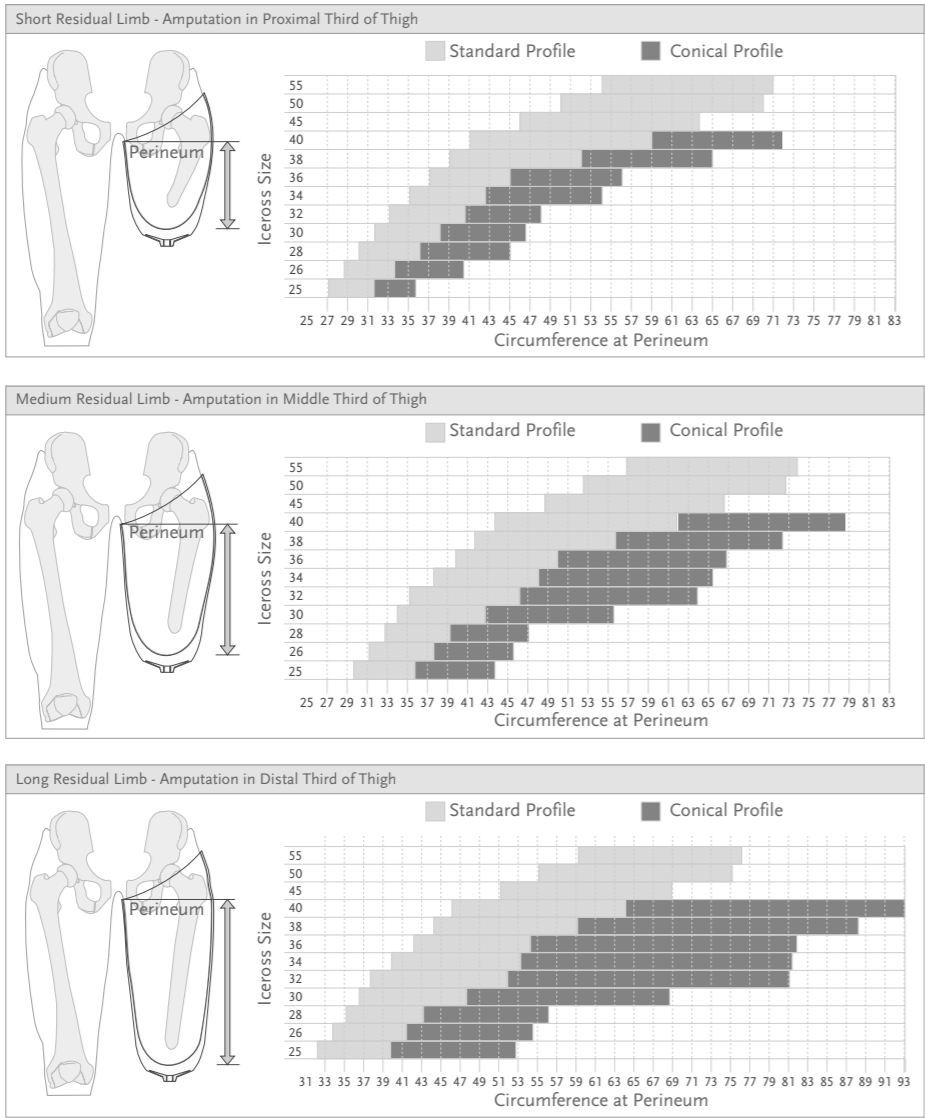
2. RESIDUAL LIMB LENGTH

Compare the residual limb length to the **sound limb** by dividing the sound limb femur into thirds.

- The proximal third is considered **SHORT** length - refer to selection chart part A.
- The middle third is considered **MEDIUM** length - refer to selection chart part B.
- The distal third is considered **LONG** length - refer to selection chart part C.

3. PROFILE

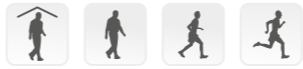
Measure and record the circumference of the limb at the level of the perineum, refer to the horizontal axis of the selection chart. If the intersection from the horizontal and vertical axes lies in the light grey area of the selection chart then a standard profile is recommended; if it lies in the dark grey area then a conical profile is recommended.



4. FITTING AIDS

Use the principles of profile matching as described in transtibial section. If there are any deep scars or voids, fill with Iceross Pad or silicone putty.

ICEROSS SEAL-IN® X TF



Thinner, tougher, longer, with a moveable seal for personalized fit.

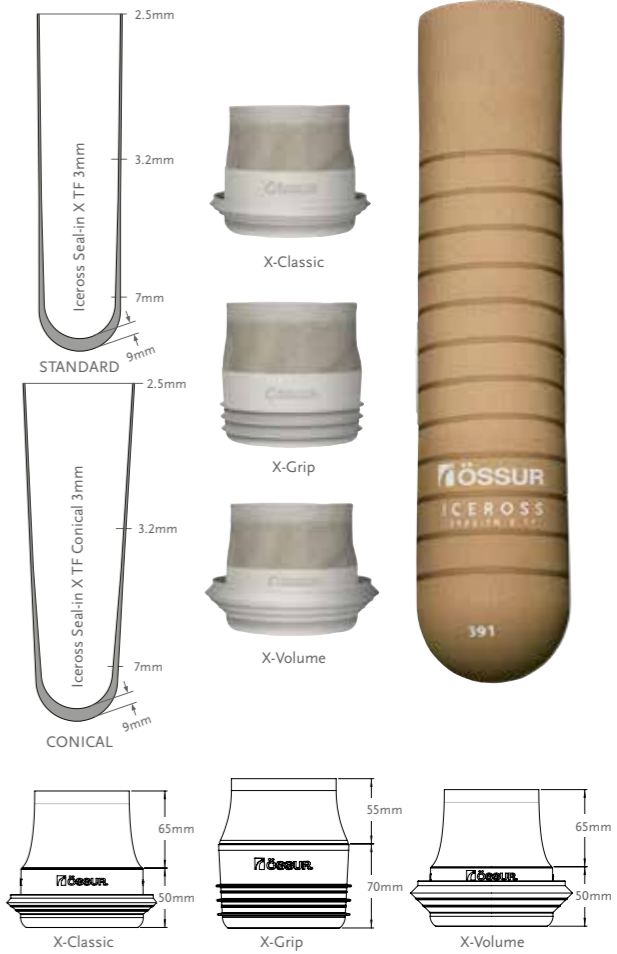
Össur's new Seal-in liner has been designed specifically to address the challenges faced by a large number of people with transfemoral amputations. For many, various pressure points and the shape of their residual limb cause problems with a suction suspension liner.

Iceross Seal-In® X TF features the latest advances in Seal-in technology, with a separate and moveable seal to suit individual TF needs.

The seal-ring offering provides three different options:

- X-Classic - the classic day-to-day seal
- X-Grip - for good rotational control
- X-Volume - accommodates more volume reduction

User Information	
Amputation Level:	Transfemoral
Impact Level:	All
Liner Information	
Size Standard:	25,26.5,28,30,32,34,36,38,40,45,50,55
Size Conical:	23.5,25,26.5,28,30,32,34,36,38,40
Size Seal Rings:	20,22,24,26,28,30,32,35,38,41,44,47,51,55,60,65
Profile:	3mm



SUSPENSION METHOD



SEAL-IN X

FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



CONICAL

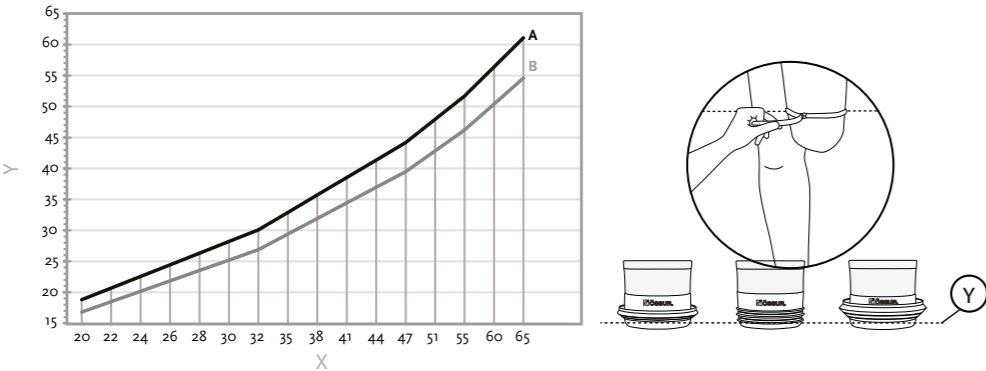


EASY GLIDE

ICEROSS SEAL-IN® X TF

SEAL RING SIZE SELECTION

- 1. Measure residual limb circumference (in cm) at the appropriate location, directly on the skin
- 2. Refer to the sizing chart to estimate correct device size
- 3. Sizing chart legend: X-Seal size, Y-Circumference (cm), A-Tight fit, B-Loose fit



MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

Measure the residual limb length with the tissue hanging down, from the perineum to the distal end. Compare the measurement to the table below.

Liner Size	Minimum Length
23.5-28	16cm
30-34	17cm
36-40	18cm
45	19cm
50	20cm
55	21cm

PART NUMBER INFORMATION - ICEROSS SEAL-IN X TF

Part#	Description	Contains
I-8532XX	Iceross Seal-In X TF Standard	Liner
I-8632XX	Iceross Seal-In X TF Conical	Liner
I-SXC0XX	Iceross Seal-In X-Classic	Seal-In X-Classic Ring
I-SXG0XX	Iceross Seal-In X-Grip	Seal-In X-Grip Ring
I-SXV0XX	Iceross Seal-In X-Volume	Seal-In X-Volume Ring
I-RXC001	Seal-In X-Classic Kit 26-51	10 Seal-In X-Classic Rings
I-RXC004	Seal-In X-Classic Kit 20-65	16 Seal-In X-Classic Rings
I-RXG001	Seal-In X-Grip Kit 26-51	10 Seal-In X-Grip Rings
I-RXG004	Seal-In X-Grip Kit 20-65	16 Seal-In X-Grip Rings
I-RXV001	Seal-In X-Volume Kit 26-51	10 Seal-In X-Volume Rings
I-RXV004	Seal-In X-Volume Kit 20-65	16 Seal-In X-Volume Rings

ICEROSS SEAL-IN® X5 TRANSFEMORAL

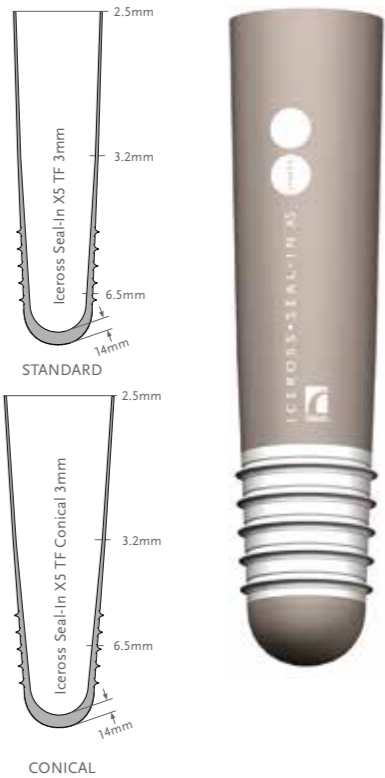


The Iceross Seal-In X5 transfemoral liner is the first liner of its kind with five integrated seals that deliver the most comfortable and secure suspension to date.

Its airtight fit is thanks to the flexible silicone suction suspension system, and its minimized pistoning and enhanced rotational control allow users to enjoy greater comfort and stability.

It is recommended that Iceross Seal-In X5 Transfemoral is used in conjunction with the Icelock® 500 Series Valve.

User Information	
Amputation Level:	Transfemoral
Impact Level:	All
Liner information	
Size Standard:	25,26.5,28,30,32,34,36,38,40,45,50,55
Size Conical:	25,26.5,28,30,32,34,36,38
Profile:	3mm
Matrix:	Full Length



SUSPENSION METHOD



SEAL-IN X5

FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



CONICAL



MENTHOL

PART NUMBER INFORMATION - ICEROSS SEAL-IN X5 TRANSFEMORAL

Part#	Profile	Suspension Method	Matrix
I-TF673XX	Standard 3mm	Seal-In X5	Full Length
I-TF678XX	Conical 3mm	Seal-In X5	Full Length

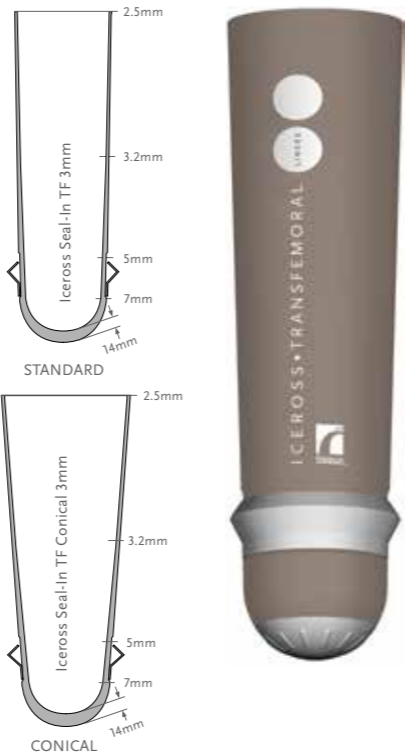
ICEROSS SEAL-IN® TRANSFEMORAL



The Iceross Seal-In Transfemoral liner offers uncompromised security and freedom of movement for low to extremely active transfemoral amputees. With textile that has improved the adhesion by 25%, the fabric cover is extremely durable and allows radial stretch and comfortable elasticity.

Össur recommends that Iceross Seal-In Transfemoral is used in conjunction with the Icelock® 500 Series Expulsion Valve.

User Information	
Amputation Level:	Transfemoral
Impact Level:	All
Liner Information	
Size Standard:	25,26.5,28,30,32,34,36,38,40,45,50,55
Size Conical:	25,26.5,28,30,32,34,36,38
Profile:	3mm
Matrix:	Full Length



SUSPENSION METHOD



SEAL-IN

FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



CONICAL

PART NUMBER INFORMATION - ICEROSS SEAL-IN TRANSFEMORAL

Part#	Profile	Suspension Method	Matrix
I-7532XX	Standard 3mm	Seal-In	Full Length
I-7632XX	Conical 3mm	Seal-In	Full Length

4SEAL CLASSIC™

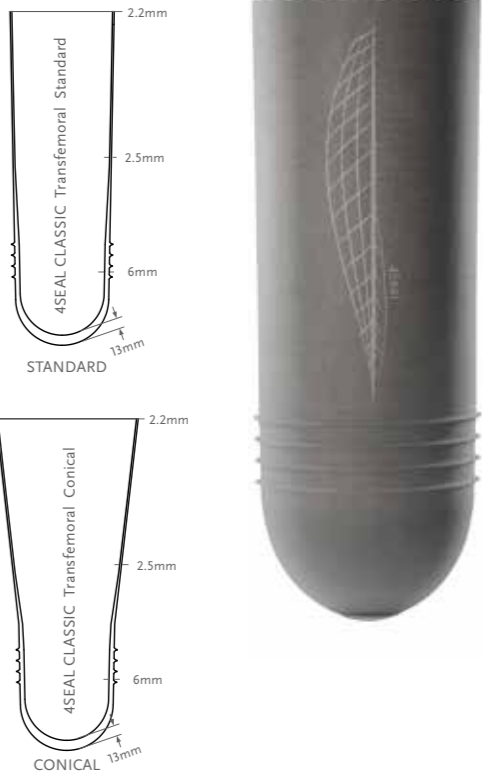


4Seal Classic transfemoral liner provides a secure suspension between the residual limb and the prosthesis. The silicone used is particularly skin-friendly and easy to clean while the Umbrellan fabric is designed to treat phantom pain. Four comfortable and flexible seals secure the liner without constricting tissue.

The liner can be turned inside-out and put on without using alcohol spray, providing more flexibility and independence.

- Four innovative sealing fins—outstanding fit and reliable adhesion without constriction
- Self-gliding Easy Glide coating and simple to clean
- Simple donning and doffing, the liner can be turned inside out or put on without any alcohol spray
- Orientation line on both the inner and outer surfaces simplifies donning
- Water-resistant. Suitable for taking a bath, swimming, showering.
- Possible relief or abolition of phantom pain for a better quality of life
- Tear resistance because of full length matrix
- Full length TF matrix prevents unrolling of the liner
- Direct casting is possible - no isolation foil necessary
- Easy to clean for optimal hygiene

User Information	
Amputation Level:	Transfemoral
Impact Level:	All
Liner Information	
Size Standard:	26.5,28,30,32,34,36,38,40,45,50
Size Conical:	25,26.5,28,30,32,34,36,38,40
Profile:	3mm
Matrix:	Full Length



SUSPENSION METHOD



4SEAL

FEATURES



STABILIZING MATRIX



CONICAL



EASY GLIDE



UMBRELLAN

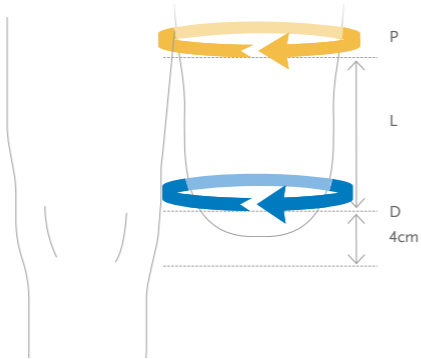
PART NUMBER INFORMATION - 4SEAL CLASSIC

Part#	Profile	Suspension Method	Matrix
M8917XX	Standard 3mm	4Seal	Full Length
M8918XX	Conical3mm	4Seal	Full Length

4SEAL CLASSIC™

DETERMINING THE SIZE

- 1. Measure the circumferential dimension D (distal) of the residual limb 4cm above the distal end. The circumferential dimension minus 0-1 results in the medi liner size.
- 2. Measure the residual limb length L, 4cm above distal end to the level of perineum.
- 3. Measure the circumference of the limb at the level of the perineum (P).
- 4. Selection between Standard or Conical Profile
If the proximal circumference (P) is lower than the standard value shown in the table, a Standard profile (S) is recommended. If the proximal circumference (P) is higher than the standard value, a Conical Profile is recommended.



1. Distal circumference D (height = 4cm)	1. Liner size	2. Stump length L 10-15		2. Stump length L 15-20		2. Stump length L 20-25		2. Stump length L 25-30		2. Stump length L 30-35	
		3. Proximal circumference P									
24 – 26.5	25	– 30 >		– 34 >		– 36 >		– 39 >		– 42 >	
26.5 –28	26.5	< 31 >		< 35 >		< 38 >		< 41 >		< 44 >	
28 – 30	28	< 33 >		< 37 >		< 40 >		< 43 >		< 46 >	
30 – 32	30	< 35 >		< 39 >		< 42 >		< 46 >		< 49 >	
32 – 34	32	< 36 >		< 41 >		< 45 >		< 48 >		< 52 >	
34 – 36	34	< 38 >		< 43 >		< 47 >		< 51 >		< 54 >	
36 – 38	36	< 40 >		< 45 >		< 49 >		< 53 >		< 57 >	
38 – 40	38	< 42 >		< 47 >		< 51 >		< 56 >		< 60 >	
40 – 45	40	< 44 >		< 49 >		< 54 >		< 58 >		< 62 >	
45 – 50	45	S		S		S		S		S	
50 – 55	50	S		S		S		S		S	
4. Standard/Conical profile		S	C	S	C	S	C	S	C	S	C

ICEROSS® TRANSFEMORAL LOCKING



Iceross Transfemoral Locking is the first suspension liner exclusively designed to provide maximum stability and control for transfemoral amputees.

With textile that has improved the adhesion by 25%, the fabric cover is extremely durable and allows radial stretch and comfortable elasticity.

Össur recommends that Iceross Transfemoral Locking is used in conjunction with the Icelock® 200 Series.

User Information	
Amputation Level:	Transfemoral
Impact Level:	All
Liner Information	
Size Standard:	25,26.5,28,30,32,34,36,38,40,45,50,55
Size Conical:	25,26.5,28,30,32,34,36,38
Profile:	2mm Std and 3mm Con
Matrix:	Full Length



SUSPENSION METHOD



LOCKING

FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



CONICAL

PART NUMBER INFORMATION - ICEROSS TRANSFEMORAL LOCKING

Part#	Profile	Suspension Method	Matrix
I-7032XX	Standard 2mm	Locking	Full Length
I-7132XX	Conical 3mm	Locking	Full Length

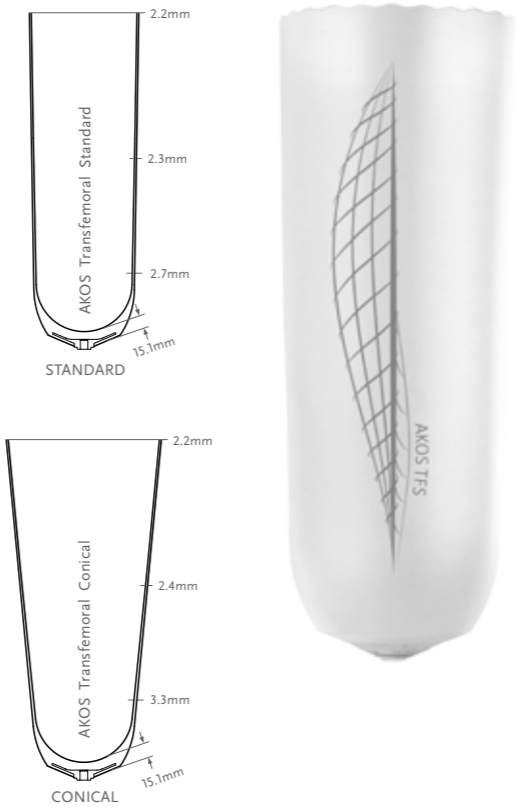
AKOS™



AKOS liner provides a secure suspension between the residual limb and the prosthesis. It is suitable for both interim and definitive prostheses. Liner transparency permits regular inspection of the residual limb.

- Simple and fast donning and doffing due to the easy-glide surface coating
- Visible orientation line on inner and outer liner surfaces
- Optimal soft-tissue cohesion relieves stress on the residual limb
- Easy to clean for optimal hygiene
- Full length TF matrix prevents unrolling of the liner
- Water-resistant. Suitable for taking a bath, swimming, showering
- Direct casting on Easy Glide surface is possible - no isolation foil necessary

User Information	
Amputation Level:	Transfemoral
Impact Level:	All
Liner Information	
Size Standard:	27,31,35,39,43,47,52
Size Conical:	24,27,31,35,39
Profile:	Standard or Conical
Matrix:	Full Length



SUSPENSION METHOD



LOCKING

FEATURES



STABILIZING MATRIX



CONICAL



EASY GLIDE

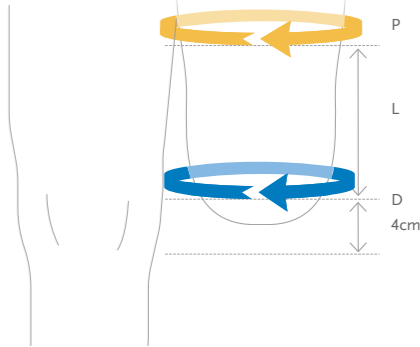
PART NUMBER INFORMATION - AKOS

Part#	Profile	Suspension Method	Matrix
M8955XX	Standard	Locking	Full Length
M8956XX	Conical	Locking	Full Length

AKOS™

DETERMINING THE SIZE

1. Measure the circumferential dimension D (distal) of the residual limb 4cm above the distal end. The circumferential dimension minus 0-1 results in the medi liner size.
2. Measure the residual limb length L, 4cm above distal end to the level of perineum.
3. Measure the circumference of the limb at the level of the perineum (P).
4. Selection between Standard or Conical Profile
If the proximal circumference (P) is lower than the standard value shown in the table, a Standard profile (S) is recommended. If the proximal circumference (P) is higher than the standard value, a Conical Profile is recommended.



1. Distal circumference D (height = 4cm)	1. Liner size	2. Residual limb length L 10-15		2. Residual limb length L 15-20		2. Residual limb length L 20-25		2. Residual limb length L 25-30		2. Residual limb length L 30-35		2. Residual limb length L 35-40	
		3. Proximal circumference P											
24-27	24	– 28 >		– 30 >		– 33 >		– 35 >		– 37 >		– 40 >	
27-31	27	< 31 >		< 34 >		< 37 >		< 39 >		< 42 >		< 44 >	
31-35	31	< 34 >		< 37 >		< 40 >		< 43 >		< 46 >		< 49 >	
35-39	35	< 39 >		< 42 >		< 45 >		< 48 >		< 52 >		< 55 >	
39-43	39	< 43 >		< 46 >		< 41 >		< 54 >		< 57 >		< 60 >	
43-47	43	< S >		< S >		< S >		< S >		< S >		< S >	
47-52	47	< S >		< S >		< S >		< S >		< S >		< S >	
52-57	52	< S >		< S >		< S >		< S >		< S >		< S >	
4. Standard/Conical profile		S	C	S	C	S	C	S	C	S	C	S	C

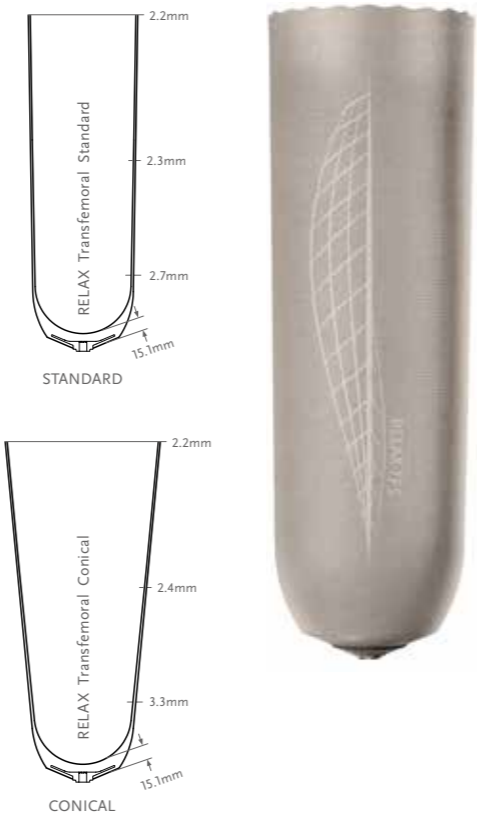
RELAX™ TRANSFEMORAL



Relax above-knee liner provides secure suspension between the residual limb and the prosthesis. The silicone used is particularly skin-friendly and easy to clean while the Umbrellan fabric is designed to treat phantom pain.

- Easy-slide surface coating for simple donning and doffing, saving time and energy
- Visible orientation line for easier donning
- Optimal soft-tissue cohesion relieves stress on the residual limb
- Full length TF matrix prevents unrolling of the liner
- Water-resistant. Suitable for taking a bath, swimming, showering
- Direct casting on Easy Glide surface is possible - no isolation foil necessary

User Information	
Amputation Level:	Transfemoral
Impact Level:	All
Liner Information	
Size Standard:	27,31,35,39,43,47,52
Size Conical:	24,27,31,35,39
Profile:	Standard or Conical
Matrix:	Full Length



SUSPENSION METHOD



LOCKING

FEATURES



STABILIZING MATRIX



CONICAL



EASY GLIDE



UMBRELLAN

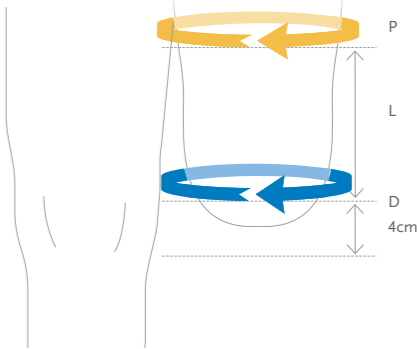
PART NUMBER INFORMATION - RELAX TRANSFEMORAL

Part#	Profile	Suspension Method	Matrix
M8957XX	Standard	Locking	Full length
M8958XX	Conical	Locking	Full length

RELAX™ TRANSFEMORAL

DETERMINING THE SIZE

1. Measure the circumferential dimension D (distal) of the residual limb 4cm above the distal end. The circumferential dimension minus 0-1 results in the medi liner size.
2. Measure the residual limb length L, 4cm above distal end to the level of perineum.
3. Measure the circumference of the limb at the level of the perineum (P).
4. Selection between Standard or Conical Profile
If the proximal circumference (P) is lower than the standard value shown in the table, a Standard profile (S) is recommended. If the proximal circumference (P) is higher than the standard value, a Conical Profile is recommended.



1. Distal circumference D (height = 4cm)	1. Liner size	2. Residual limb length L 10-15	2. Residual limb length L 15-20	2. Residual limb length L 20-25	2. Residual limb length L 25-30	2. Residual limb length L 30-35	2. Residual limb length L 35-40
		3. Proximal circumference P					
24-27	24	– 28 >	– 30 >	– 33 >	– 35 >	– 37 >	– 40 >
27-31	27	< 31 >	< 34 >	< 37 >	< 39 >	< 42 >	< 44 >
31-35	31	< 34 >	< 37 >	< 40 >	< 43 >	< 46 >	< 49 >
35-39	35	< 39 >	< 42 >	< 45 >	< 48 >	< 52 >	< 55 >
39-43	39	< 43 >	< 46 >	< 41 >	< 54 >	< 57 >	< 60 >
43-47	43	< S >	< S >	< S >	< S >	< S >	< S >
47-52	47	< S >	< S >	< S >	< S >	< S >	< S >
52-57	52	< S >	< S >	< S >	< S >	< S >	< S >
4. Standard/Conical profile		S	C	S	C	S	C

ICEROSS® UPPER-X LOCKING

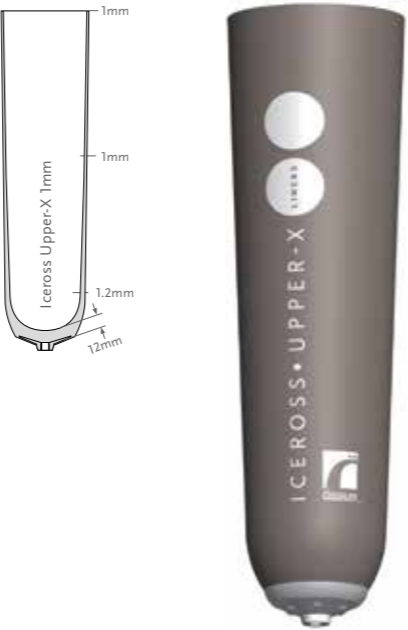


The Iceross Upper-X liner is a comfortable liner with an excellent suspension method for upper-extremity amputees.

Unlike other current methods of suspension, Iceross Upper-X eliminates the need for straps and belts and has an ultra-thin, pliable profile that provides more user comfort and increased limb sensation. Superb suspension is obtained by combining quality DermoSil™ silicone with a full-matrix outer cover that virtually eliminates pistoning while allowing radial stretch for volume accommodation. A unique rolling method makes donning and doffing hassle-free.

Össur recommends that Iceross Upper-X liner is used in conjunction with the Icelock® 700 Series.

User Information	
Amputation Level:	Transradial and Transhumeral
Impact Level:	All
Liner Information	
Size Standard:	12,14,16,18,20,22
Profile:	1mm
Matrix:	Full Length



SUSPENSION METHOD



LOCKING

FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

PART NUMBER INFORMATION - ICEROSS UPPER-X LOCKING

Part#	Profile	Suspension Method	Matrix
I-8131XX	1mm	Locking	Full Length

ACCESSORIES

ICEROSS DISTAL CUP

Distal Cup is made from silicone and is designed for conical and/or sensitive residual limbs that require volume build-up.

Product Information	
Size:	06,07,09,11,12,14,16,17,19,20,22,24,26

To select the correct Distal Cup size, the circumference is measured approximately 4cm above the distal end of the residual limb. Select the Distal Cup two or three sizes smaller than the measurement and roll on. To select the correct Iceross size to fit over the Distal Cup, the circumference is measured approximately 4cm above the end of the Distal Cup. Select Iceross size as measured or the next size down.

Part#	Description
I-3000XX	Distal Cup



ICEROSS PADS

Iceross Pads are ideal for pressure distribution in highly loaded areas, padding over bony prominences and as a filler for deep voids and scarred residual limbs.

Product Information			
Part#	Size	Thickness	Fits Iceross Size
I-610338	38mm (1 1/2")	10mm (3/8")	12-20
I-610348	48mm (1 7/8")	10mm (3/8")	21-23
I-610358	58mm (2 5/16")	10mm (3/8")	25-28
I-610368	68mm (2 11/16")	10mm (3/8")	30-32
I-610378	78mm (3 1/16")	10mm (3/8")	34-36
I-610388	88mm (3 1/2")	10mm (3/8")	38-42
I-610398	98mm (3 7/8")	10mm (3/8")	45



SILICONE ADHESIVE

Helpful to repair minor damage to the Iceross liners or sleeves and for stabilization of fabric cover on Iceross Transfemoral liners after trimming.

Part#	Description
I-400310	Silicone Adhesive 7g (0.25oz)



ACCESSORIES

ICEROSS CURVEMASTER

Part#	Description
K-220000	Iceross Curvemaster
K-200150	Replacement Cutting Wheels Set

- Includes:
- Upper cutting wheel (K-200126)
 - Lower cutting wheel (K-200127)
 - Friction ring (K-200118)



WAVE SCISSOR

- Trimming tool for liners.
- Stress relief on the residual limb due to reduced circular pressure.

Part#	Description
1950006	Wave Scissor



ICEROSS INTERFACE SHEATH

The Interface Sheath makes donning and doffing of the socket easier. Designed with a reinforced distal opening for durability.

Part#	Description	Length
K-190200	Interface Sheath	28cm (11")



ICEROSS SOCKS

The Iceross socks are thin distally to prevent the residual limb from being pushed out of the socket as more socks are added. This will ensure good function from the socket lock. Designed with a fully knitted hole for the distal connector and proper function of the lock.

Part#	Description	Length
K-520002	Iceross Sock 2-Ply – 2 Socks in a Pack	32cm (12 5/8")
K-520004	Iceross Sock 4-Ply – 2 Socks in a Pack	33cm (13")

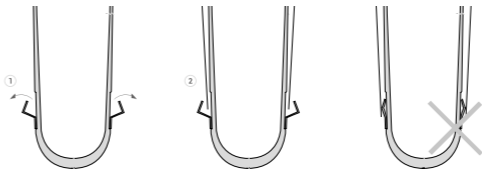


ACCESSORIES

ICEROSS SEAL-IN SOCKS

The Iceross Seal-In sock is designed to work in combination with the Iceross Seal-In liner to obtain an improved fit if volume reduction is experienced in the proximal area of the residium. The Iceross Seal-In sock is intended for use above the Hypobaric Sealing Membrane (HSM™) only and should never cross it.

Part#	Size	Iceross Size	Length	Ply
K-531110	10	16-25	35cm (13 3/4")	1
K-531113	13	26.5-34	35cm (13 3/4")	1
K-531116	16	36-45	35cm (13 3/4")	1
K-531120	20	50-55	35cm (13 3/4")	1
K-531310	10	16-25	35cm (13 3/4")	3
K-531313	13	26.5-34	35cm (13 3/4")	3
K-531316	16	36-45	35cm (13 3/4")	3
K-531320	20	50-55	35cm (13 3/4")	3



Note: Loss of suspension will occur if a sock is placed over the HSM Seal.

FLEX EVA

Especially suitable in combination with coated Seal liners.

Part#	Color	Size
1820610	White	400x400x10mm
1820612	White	400x400x12mm
1820615	White	400x400x15mm



PROPERTIES

- Can be used to create a semi flexible comfort zone or a inner socket.

ACCESSORIES

COMFORT SCS

Compression material for the therapy for higher to strong oedema.

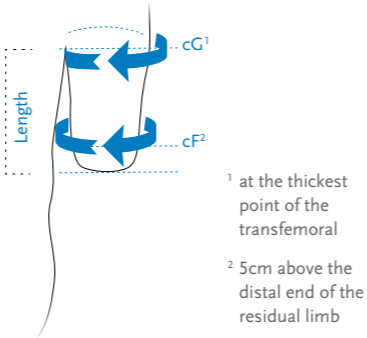
- Transfemoral, knee disarticulation and transtibial amputation
- Antibacterial properties minimize odor
- Smooth distal seam
- Smooth transition
- Integrated silicone beaded top band prevents TT roll down
- Customized hip attachment positioning allows precise TF closure placement



User Information	
Amputation Level:	Transfemoral, Knee Disarticulation & Transtibial

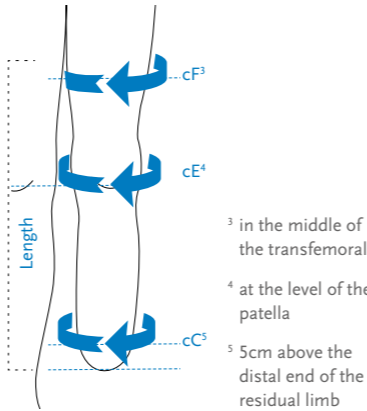
Size Information, Transfemoral						
Size	Circumference		Part#			
	cF ²	cG ¹	Short 18–22cm	Medium 23–27cm	Long 28–32cm	X-Long 33–37cm
1	30-32cm	42-45cm	AK_S0W1	AK_M0W1	AK_L0W1	AK_X0W1
2	32-34cm	45-49cm	AK_S0W2	AK_M0W2	AK_L0W2	AK_X0W2
3	35-38cm	49-53cm	AK_S0W3	AK_M0W3	AK_L0W3	AK_X0W3
4	38-41cm	53-57cm	AK_S0W4	AK_M0W4	AK_L0W4	AK_X0W4
5	41-44cm	57-61cm	AK_S0W5	AK_M0W5	AK_L0W5	AK_X0W5
6	44-47cm	61-65cm	AK_S0W6	AK_M0W6	AK_L0W6	AK_X0W6

Completion Art.-No: _=1=20-30mmHg _=2=30-40mmHg



Size Information, Transtibial						
Size	Circumference			Part#		
	cC ⁵	cE ⁴	cF ³	Short 28-34cm	Medium 35-41cm	Long 42-48cm
0	26-28cm	28-30cm	38-40cm	BK_S0N0	BK_M0N0	BK_L0N0
1	28-30cm	30-32cm	40-42cm	BK_S0N1	BK_M0N1	BK_L0N1
2	30-33cm	32-35cm	42-45cm	BK_S0N2	BK_M0N2	BK_L0N2
3	33-36cm	35-38cm	45-48cm	BK_S0N3	BK_M0N3	BK_L0N3
4	36-39cm	38-41cm	48-51cm	BK_S0N4	BK_M0N4	BK_L0N4
5	39-42cm	41-44cm	51-54cm	BK_S0N5	BK_M0N5	BK_L0N5
6	42-45cm	44-47cm	54-57cm	BK_S0N6	BK_M0N6	BK_L0N6

Completion Art.-No: _=1=20-30mmHg _=2=30-40mmHg



ACCESSORIES

RELAX NIGHT CARE

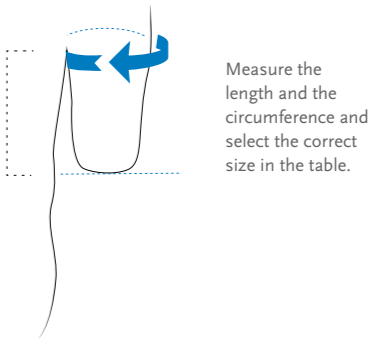
Relax Night Care sock is designed to treat phantom pain. The textile used is skin friendly and comfortable to wear.

- Benefits:
- Transfemoral, knee disarticulation and transtibial amputation
 - Sensitive residual limb conditions with a special need for protection
 - Problems sleeping through the night due to phantom pain
 - Possible reduction or elimination of phantom pain
 - Is particularly suitable for the night and whenever the prosthesis is not being worn
 - Knit with thermoregulating yarn component
 - Topband for secure hold



User Information	
Amputation Level:	Transfemoral, Knee Disarticulation & Transtibial

Size Information			
Size	Circumference	Part#	
	A	Length 30cm	Length 40cm
S	20-26cm		1880322
M	26-33cm	1880328	1880323
L	33-42cm	1880329	1880324
XL	42-52cm	1880325	1880327
XXL	52-62cm	1880326	



KEY FEATURES



UMBRELLAN

ACCESSORIES

EASY CUT VOLUME COMPENSATION SOCK

Volume compensation sock with integrated non-slip topband. Easy to cut due to the innovative EASY CUT technology. Compensates for variations in volume and can easily be shortened to five different lengths without having to separate it. Therefore, no additional sewing is necessary. The integrated grip strip ensures a secure hold on the liner and prevents the stocking from slipping.

- This product can be used for all Seal liners from Össur.
- The grip strip on the inner side of the sock can be fixed proximal to the seals. No fixing under the seal necessary

Product Information				
Part#	Size	TFS size	TFC size	Length
1880009	XS	18–23.5		24cm
1880010	S	26.5–32	25–28	24cm
1880011	M	34–40	30–34	24cm
1880012	L	45–50	36–40	24cm



ÖSSUR KNEES AND LEGS

ÖSSUR
BALANCE
SOLUTIONS



BALANCE KNEE



BALANCE KNEE OFM1



BALANCE KNEE OFM2



BALANCE KNEE OM8

ÖSSUR
DYNAMIC
SOLUTIONS



POWER KNEE



RHEO KNEE



RHEO KNEE XC



PASO KNEE

BALANCE™ KNEE OFM2 SE



Balance Knee OFM2 SE (Smart Edition) is a light monocentric knee joint with a brake function and a locking lever. The locking function supports the use in the rehabilitation phase, and as a locked knee joint, it is particularly suitable for first standing and walking exercises. As the user grows more mobile, the CPO can activate the flexion and extension functions. The brake unit guarantees a controlled flexion and extension profile.

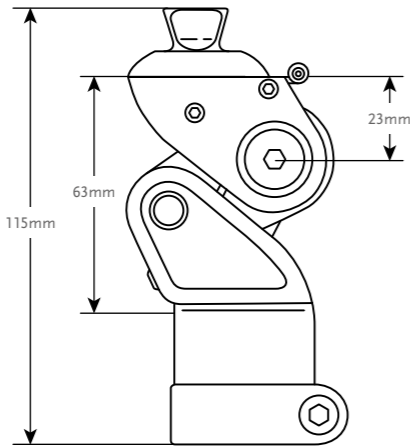
- Locking function for a high degree of safety during first standing and walking exercises
- Flexion and extension can be released depending on the patient's progress
- Adaptable levels of safety for use in therapy
- Rates of flexion and extension can be adapted to the user



Patient Profile:	
Amputation Level:	Transfemoral
Impact Level:	Low to Moderate
Maximum Patient Weight:	125kg (275lbs)

Product Information:	
Build Height:	115mm
Weight of Knee:	0.495kg
Flexion:	145°

CLEARANCE



KITS

Part#	Description
1710505	Balance Knee OFM2 SE

BALANCE™ KNEE OFM1 SE



Balance Knee OFM1 SE (Smart Edition) is a mechanical polycentric knee joint that is suitable for users with high safety requirements. The knee can be locked (e.g. when standing) and is therefore particularly appropriate for new amputees and less mobile users.

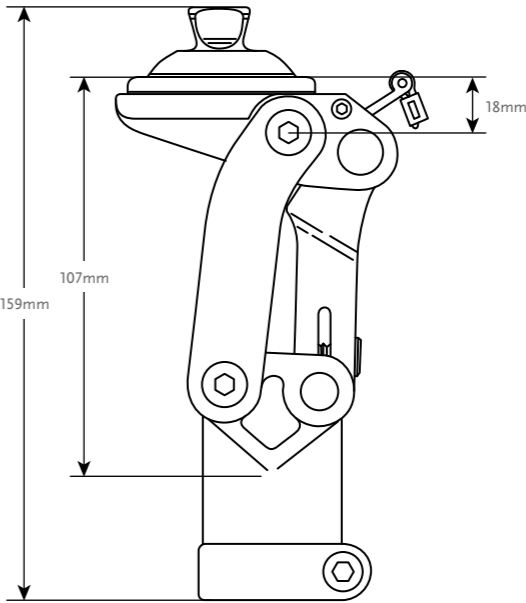
- Locking function for a high degree of safety; ideal for first standing and walking exercises
- Flexion and extension can be locked or released depending on the patient's progress
- More ground clearance for a safer and more confident gait
- Rates of flexion and extension can be adapted to the user. Flexion range up to 150 degrees.
- Integrated rotation and shift adjustment in the socket connector



Patient Profile:	
Amputation Level:	Transfemoral
Impact Level:	Low to Moderate
Maximum Patient Weight:	136kg (300lbs)

Product Information:	
Build Height:	159mm
Weight of Knee:	0.64kg
Flexion:	150°

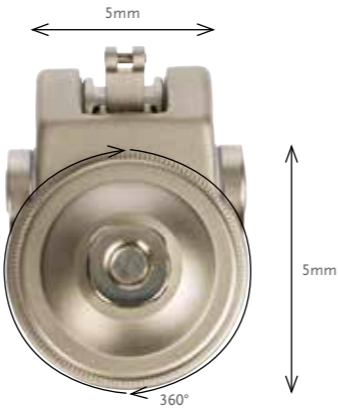
CLEARANCE



BALANCE™ KNEE OFM1 SE

KITS

Part#	Description
1710506	Balance Knee OFM1 SE with Pyramid



BALANCE™ KNEE OM8 SE



The Balance Knee OM8 SE (Smart Edition) is a polycentric knee joint with a stable aluminium frame construction. The joint is suitable for users with low functional levels, with a high to very high need for safety, and a maximum body weight of 136kg.

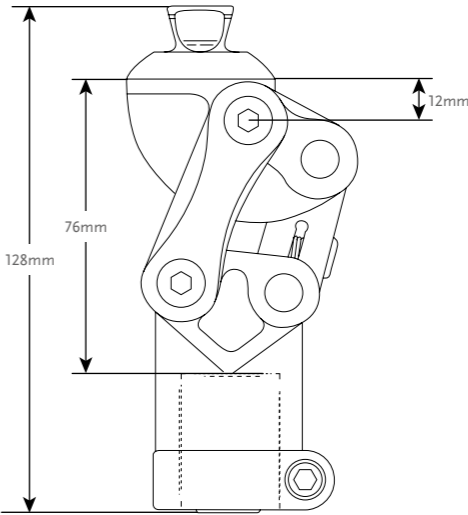
- Adjustable axle geometry
- Integrated extension spring
- Adjustable axle friction
- High knee flexion angle up to 160°



Patient Profile:	
Amputation Level:	Transfemoral
Impact Level:	Low to Moderate
Maximum Patient Weight:	136kg (300lbs)

Product Information:	
Build Height:	128mm
Weight of Knee:	0.445kg
Flexion:	160°

CLEARANCE



KITS

Part#	Description
1710501	Balance Knee OM8 SE

OP2 SE KNEE™



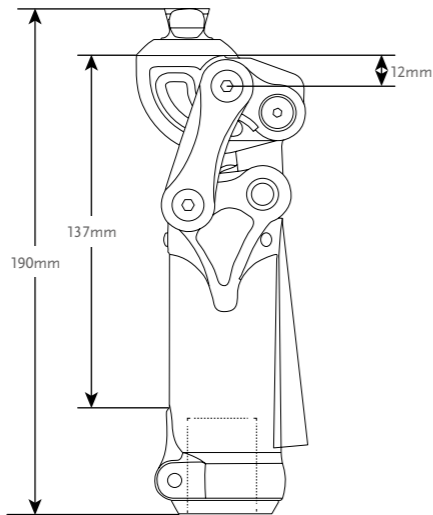
The OP2 SE (Smart Edition) Knee is a polycentric knee joint with a sturdy aluminium frame construction. The Knee is for users with normal demands on walking and an increased safety requirement.

- Extension/Flexion can be set independently of each other
- Adjustable axle geometry
- High knee flexion angle up to 160°
- Slim design



Patient Profile:		Product Information:	
Amputation Level:	Transfemoral	Build Height:	190mm
Impact Level:	Moderate to High	Weight of Knee:	0.65kg
Maximum Patient Weight:	100kg (220lbs)	Flexion:	160°

CLEARANCE



KITS

Part#	Description
1710503	OP2 SE Knee

BALANCE™ KNEE OFM2



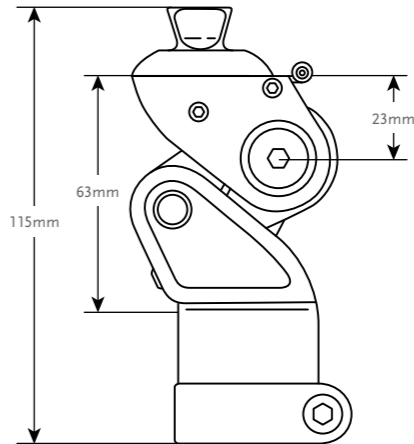
Balance Knee OFM2 is a light monocentric knee joint with a brake function and a locking lever. Its 2-in-1 function supports use in the rehabilitation phase, and as a locked knee joint, it is particularly suitable for first standing and walking exercises. As the user grows more mobile, the CPO can activate the flexion and extension functions. The brake unit guarantees a controlled flexion and extension profile.

- Locking function for a high degree of safety during first standing and walking exercises
- Flexion and extension can be released depending on the patient's progress
- Adaptable levels of safety for use in therapy
- Rates of flexion and extension can be adapted to the user



Patient Profile:		Product Information:	
Amputation Level:	Transfemoral	Build Height:	115mm
Impact Level:	Low to Moderate	Weight of Knee:	0.495kg
Maximum Patient Weight:	125kg (275lbs)	Flexion:	145°

CLEARANCE



KITS

Part#	Description
1721120	Balance Knee OFM2

BALANCE™ KNEE



The Balance Knee is designed to offer the less active user a high level of security and stability. Its four-bar geometric design is easily adjusted to optimize the required balance between stability and walking dynamics for each individual. It also facilitates an easy kneeling action. Mid-swing shortening allows the prosthesis to swing more easily through each step and helps prevent hip hiking.

Simple to set up, the knee's adjustment features (including the adjustable extension assist) can all be accessed externally with no disassembly of the prosthesis required. The design is maintenance free. Balance knee is available with stronger extension assist and a manual lock.

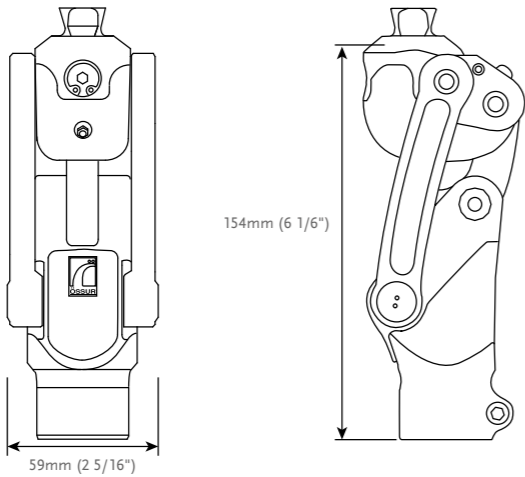
- User profile:
- Household and limited community ambulators
 - Single, slow speed ambulators
 - Low impact users and those with little voluntary control



Patient Profile:	
Amputation Level:	Transfemoral, Knee Disarticulation
Impact Level:	Low
Maximum Patient Weight:	125kg (275lbs)

Product Information:	
Build Height:	154mm (6 1/6")
Weight of Knee:	0.590kg (1.30lbs)
Flexion:	Stop at 180° (165° with Locking feature)

CLEARANCE



BALANCE™ KNEE

KITS

Part#	Description
BKN12500	Balance Knee
BKN12511	Balance Knee Locking*

- Includes:
- Balance Knee
 - Shin Ferrule
 - Lanyard Kit*

Part#	Description
LKN12590	Lanyard Release Kit



COSMETIC FINISHING

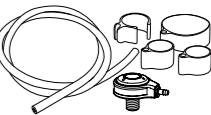
Part#	Description
BKN12550	Shin Ferrule for Balance Knee



UNITY

UNITY KITS

Part#	Description	Applicable Foot Kits
UTF0001	Unity TF Valve Kit	All



BALANCE™ KNEE OFM1



Balance Knee OFM1 is a mechanical polycentric knee joint that is suitable for users with high safety requirements. The knee can be locked (e.g. when standing) and is therefore particularly appropriate for new amputees and less mobile users.

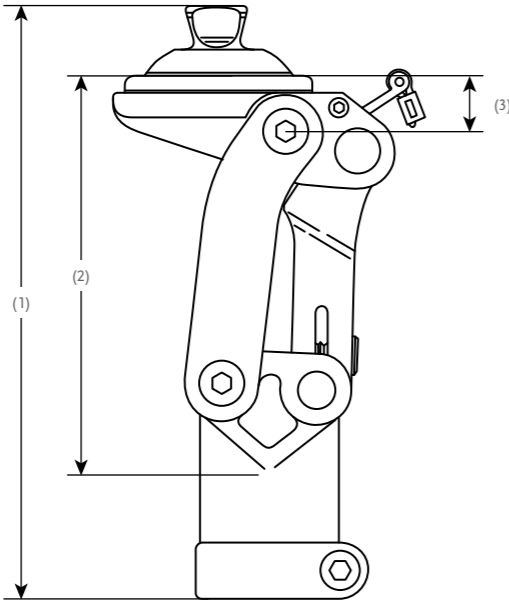
- Locking function for a high degree of safety; ideal for first standing and walking exercises
- Flexion and extension can be locked or released depending on the patient's progress
- More ground clearance for a safer and more confident gait
- Rates of flexion and extension can be adapted to the user. Flexion range up to 150 degrees.
- Integrated rotation and shift adjustment in the socket connector

Patient Profile:	
Amputation Level:	Transfemoral, Knee Disarticulation
Impact Level:	Low to Moderate
Maximum Patient Weight:	136kg (300lbs)

Product Information:				
	Balance Knee OFM1 with Pyramid	Balance Knee OFM1 with IKF adapter	Balance Knee KFM1 with Loop adapter	Balance Knee KFM1 with 3-arm adapter
Build Height (1):	159mm	174mm	151mm	151mm
Build Height (2):	107mm	122mm	116mm	116mm
Build Height (3):	18mm	33mm	27mm	27mm
Weight of Knee:	640g	770g	650g	735g
Flexion:	150°	150°	150°	150°



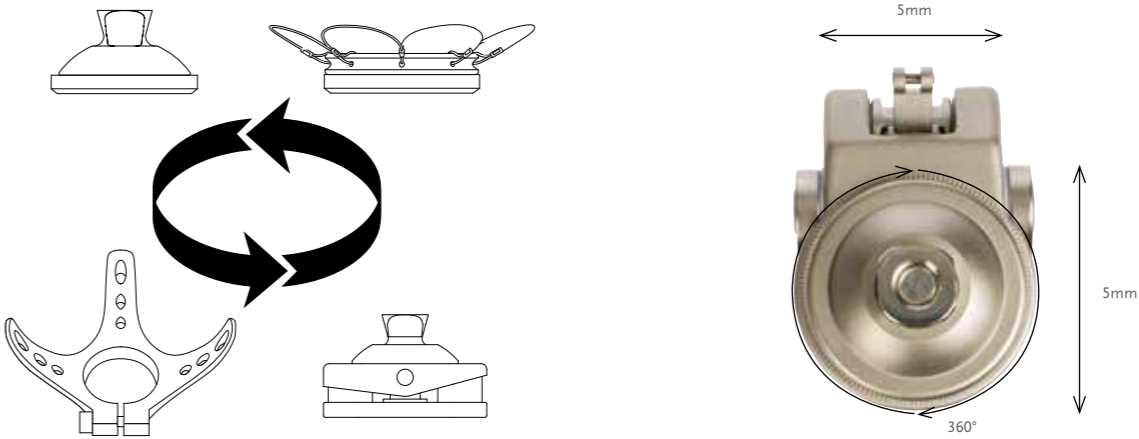
CLEARANCE



BALANCE™ KNEE OFM1

KITS

Part#	Description
1721126	Balance Knee OFM1 with Pyramid
1721127	Balance Knee OFM1 with IKF adapter
1721128	Balance Knee KFM1 with Loop adapter
1721129	Balance Knee KFM1 with 3-arm adapter



BALANCE™ KNEE OM8



The Balance Knee OM8 is a polycentric knee joint with a stable aluminium frame construction. The joint is suitable for users with low functional levels, with a high to very high need for safety, and a maximum body weight of 136 kg.

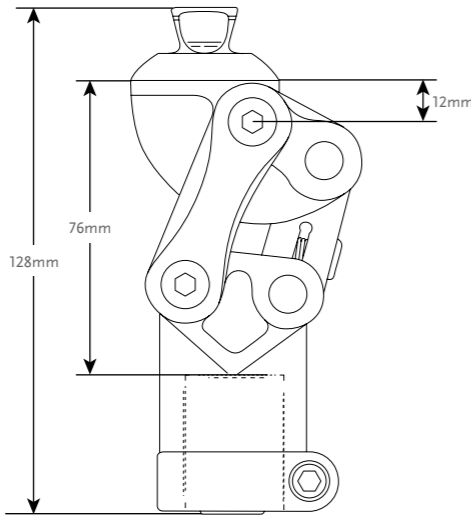
- Adjustable axle geometry
- Integrated extension spring
- Adjustable axle friction
- High knee flexion angle up to 160°



Patient Profile:	
Amputation Level:	Transfemoral
Impact Level:	Low to Moderate
Maximum Patient Weight:	136kg (300lbs)

Product Information:	
Build Height:	128mm
Weight of Knee:	0.445kg
Flexion:	160°

CLEARANCE



KITS

Part#	Description
1723178	Balance Knee OM8

LOCKING KNEE



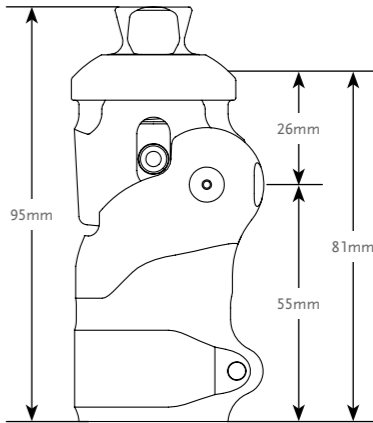
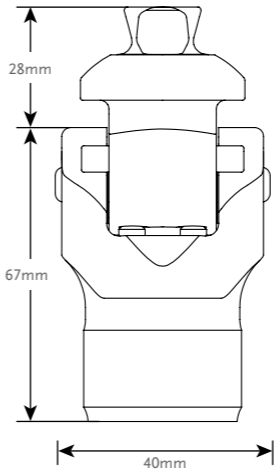
Locking Knee from Össur is a simple, reliable and lightweight knee joint for the low active amputee. Locking Knee is intended to be used during rehabilitation and as a permanent solution with the low active amputee.

Patient Profile:	
Amputation Level:	Transfemoral
Impact Level:	Low
Maximum Patient Weight:	125kg (275lbs)

Product Information:	
Build Height:	95mm
Weight of Knee:	0.248kg(0.55lbs)
Flexion:	140°



CLEARANCE



KITS

Part#	Description
LKN12500	Locking Knee

Includes:
• Lanyard Kit

Part#	Description
LKN12590	Lanyard Release Kit

POWER KNEE™



INTRODUCTION

Power Knee, the only motor powered knee joint, provides active motion and superior powered stance stability to replace lost muscle function, enabling users to go further.

KEY FEATURES

- Delivering powered extension when standing up, controlled resistance when descending, and active flexion and extension during walking, Power Knee facilitates symmetrical weight distribution and natural gait.
- High active users as well as users with higher functional loss testify that Power Knee restores their endurance, allowing them to go farther.
- Power Knee has been demonstrated to significantly reduce rehabilitation time for new transfemoral amputees.
- The PowerLogic Workbench software enables prosthetists and physical therapists to give users visual feedback during training as well as to log and report on user performance and prosthetic use for better reimbursement documentation.

RECOMMENDED WITH



Seal-In® X TF liner



Flex-Foot® Assure



Pro-Flex®



Pro-Flex® XC



Pro-Flex® XC Torsion



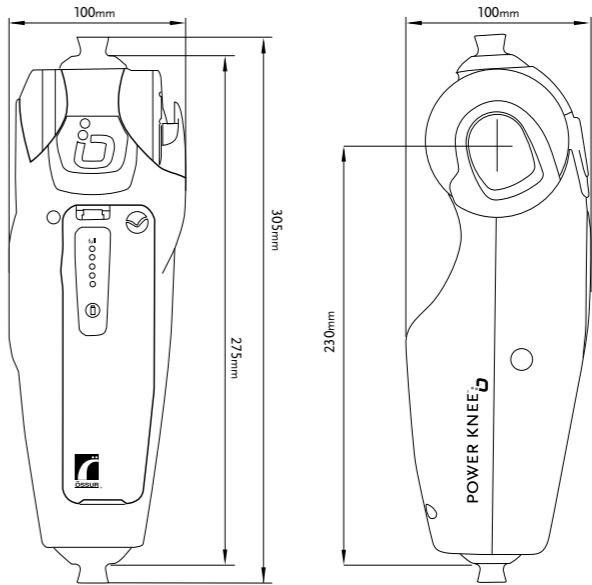
POWER KNEE™



User Information		
Amputation Level:	Power Knee	Transfemoral
	Power Knee EUP	Bilateral Transfemoral Unilateral Hip Disarticulation Unilateral Hemipelvectomy
Impact Level:		Low to Moderate
Maximum Patient Weight:		165kg (363wlbs)
Knee Information		
Net Weight:		2.7kg (6lbs) w/o battery
Battery Weight:		0.49kg (1.1lbs)
Build Height:		275mm (10 13/16")
Knee Flexion:		120°
Minimum Clearance:		380mm (14 15/16")
Aluminum Frame Construction		
Internal Extension Assist		



CLEARANCE



SYMBIONIC® LEG 3



INTRODUCTION

Featuring the latest advances in Bionic Technology by Össur, Symbionic Leg 3 is the next generation of integrated prosthetic devices that combines a microprocessor knee and powered microprocessor ankle with proactive ankle flexion. Symbionic Leg 3 was designed to enable users to experience greater safety, symmetry and confidence when walking, without needing to adapt their walking style or otherwise compensate for their prosthesis.

KEY FEATURES

- Designed to enhance user’s safety through powered toe lift and stumble recovery, which can help reduce the risk of trips and falls.
- Enabling consistent ground clearance allows the prosthetist to better match the user’s native limb length. Combined with easier swing initiation, Symbionic Leg 3 encourages greater symmetry while walking and helps restore a more natural gait.
- With its unique intelligent terrain adaptation capabilities, the Symbionic Leg 3 also can help enhance users’ confidence, by providing stability while walking on such everyday surfaces as grass, slopes, or uneven ground. This enables the user to walk more easily without having to watch their every step.
- Extension lock mechanism, to lock the knee in full extension and increase safety and comfort under specific circumstances.

Symbionic Leg 3 now features a more powerful knee actuator and new kinematic sensor for better stability, increased support across a wider range of stance flexion, and faster, more consistent swing extension.

RECOMMENDED WITH



Seal-In® X TF liner



SYMBIONIC® LEG 3



User Information	
Amputation Level:	Transfemoral
Impact Level:	Low to Moderate
Maximum Patient Weight:	125kg (275lbs)



PROPORTIONAL
RESPONSE



CARBON-X®
ACTIVE HEEL



FULL LENGTH
TOE LEVER



HEEL HEIGHT
ADJUSTABILITY



SPLIT TOE

Foot Information	
Categories:	Size 22-24; Cat. 1-5 / Size 25-30; Cat. 1-8
Size:	22-30
Weight of Symbionic Leg 3 (Size 27, Cat 5):	3kg (6.6lbs) w/ Foot Cover
Heel Height Adjustability:	Up to 50mm (2")
Build Height:	405mm (16")
Knee Flexion:	120°

CATEGORY SELECTION GUIDE

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-125
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-221	222-256	257-275
Low Impact Level	1	1	2	3	4	5	6	7
Moderate Impact Level	1	2	3	4	5	6	7	8

ORDERING INFORMATION

FOR COMPLETE LEG



Unity can be ordered with Symbionic Leg 3 in sizes 25 and above. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

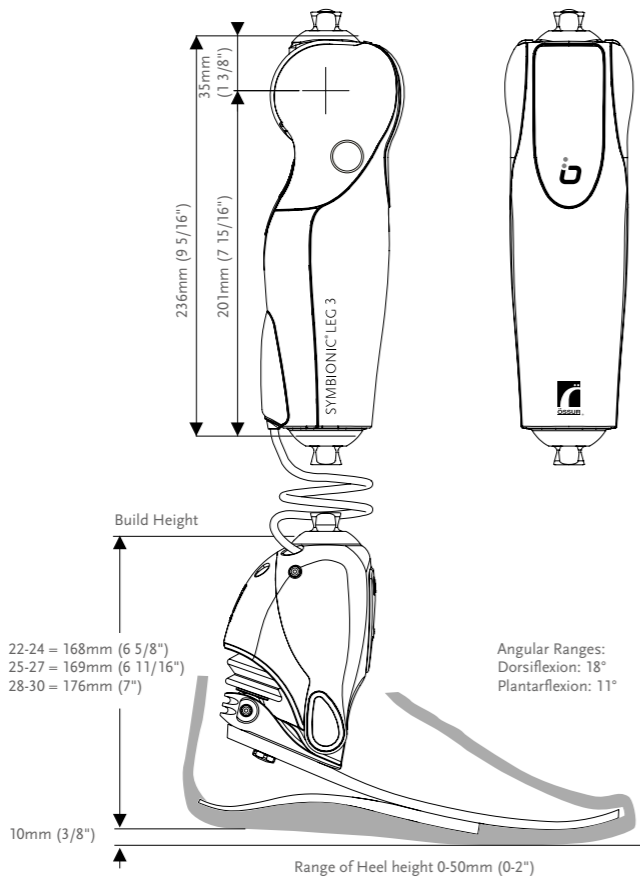
For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE LEG WITH UNITY



SYMBIONIC® LEG 3

CLEARANCE



KITS

SYMBIONIC LEG 3 KIT



Includes:

• Symbiotic Leg 3	• Fitting Guide
• Warranty Certificate	• Heel Wedge Kit
• Carbon Fiber Foot	• Instructions for Use
• Technical Manual	• Troubleshooting Guide
• Power Supply	
• Terms of Warranty	



SYMBIONIC® LEG 3

KITS

Symbiotic Leg 3 KIT WITH THREADED TOP ADAPTER
Symbiotic Leg 3 with threaded top adapter is the solution for knee disarticulation amputees and those with long residual limbs.

To order Symbiotic Leg 3 with threaded top adapter, order the Symbiotic Leg 3 Kit and add Össur's Female Pyramid Insert to the order.

Part#	Description	Height		Weight	
A-145310	Female Pyramid Insert / Threaded Top Adapter	9mm	3/8"	33g	1.16oz



SYMBIONIC LEG 3 ACCESSORIES

Part#	Description
RKNLPC401	RHEOLOGIC 4 Software
RKNLPCWB1	RHEOLOGIC Workbench Software

Part#	Description
SMBL0110	Symbiotic Leg 3 Protector*

*6 months limited warranty. Excludes normal wear and tear.

Part#	Description
SMBU0111	Symbiotic Leg 3 Unity Protector



COMPONENTS

POWER SUPPLY KIT

Part#	Description
PRX00421	Power Supply Kit



HEEL WEDGE KIT

Part#	Description	Cat.	Size
CM150011	Heel Wedge Kit	1-8	22-30

Includes:
• 3 Wedges
• Adhesive

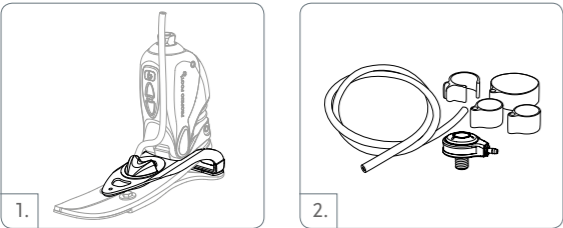


SYMBIONIC® LEG 3

UNITY

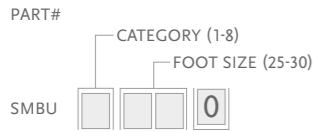
UNITY KITS

Picture	Part#	Description	Applicable Foot Kits
1	UPR0027	Unity Pump Module PRX 25-27	Proprio Foot size 25-27
1	UPR0030	Unity Pump Module PRX 28-30	Proprio Foot size 28-30
2	UTF0001	Unity TF Valve Kit	All



SYMBIONIC LEG KIT APPLICABLE WITH UNITY

SYMBIONIC LEG KIT



- Includes:
- Symbionic Leg Ankle
 - Foot Module
 - Symbionic Leg Power Supply
 - Heel Wedge Kit
 - Terms of Warranty
 - Quick Reference Cards
 - Technical Manual
 - Fitting Guide
 - Instructions for Use
 - Troubleshooting Guide



UNITY SPARE COMPONENTS

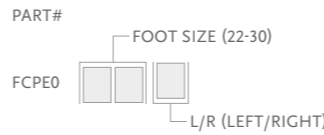
Part#	Description
UVL00022	Unity VL Components 25-30

- Includes:
- Membrane
 - Check valves
 - Barb fittings
 - Tube
 - Tube fastener
 - Heel pad

SYMBIONIC® LEG 3

COSMETIC FINISHING

FLEX-FOOT COVER KIT*



- Includes:
- Foot Cover
 - Flex-Foot Sock

*Please specify when ordering brown covers, add "BR" to the end of the part number.



FLEX-FOOT SOCK

Part#	Size
FCE63006	22-25
FCE63007	26-30



EXTENDED WARRANTY

Symbionic Leg 3 KIT EXTENDED WARRANTY*

Part#	Description
SBL2YADDWARTTY	2 Year Extended Warranty

* Initial Symbionic Leg 3 limited warranty period: 36 months. Extended warranties on Bionic devices (Power Knee batteries excluded) are available for purchase, contact Össur Customer Service for options and prices. Maximum total warranty period is 5 years, must be purchased within 20 months of original purchase date. 20 months service is mandatory. If total warranty time acquired adds up to 5 years, then 40 month service check will be mandatory.

RHEO KNEE®

INTRODUCTION

The Rheo Knee is a microprocessor-controlled knee with an optimal combination of stability and safety. It enables exceptionally natural and effortless gait – even on difficult terrain. The Rheo Knee is easy to fit, and delivers reliable user outcomes.

KEY FEATURES

- Auto adaptive real-time stance and swing control.
- Dependable and easy swing initiation on all surfaces.
- Automatic stumble recovery.
- Manual extension lock.
- Weatherproof design allows exposure to fresh water splashes.
- Accompanying Össur Logic app for iOS devices provides:
 - Simple practitioner setup and adjustment, and printable user activity reports.
 - Functional training exercises for improved user confidence.
 - Selection of user preferences and monitoring of step count and battery charge level.
- Smart Extension makes raising from a squatted position easier with less resistance.
- Facilitates stepping over obstacles and stepping backwards.

RECOMMENDED WITH



Seal-In® X TF liner



Pro-Flex®



Pro-Flex® LP



Pro-Flex® XC



Pro-Flex® XC
Torsion



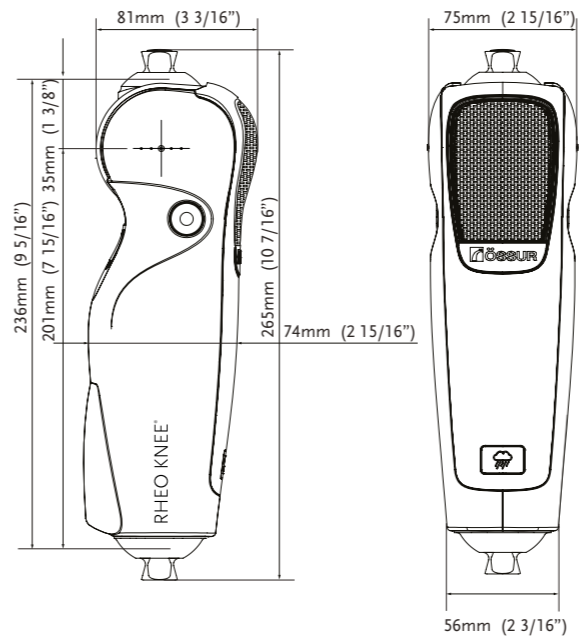
RHEO KNEE®



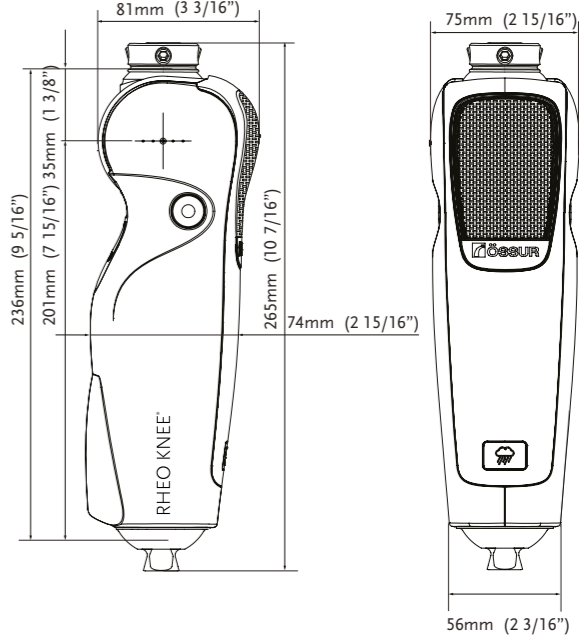
User Information	
Amputation Level:	Transfemoral, Knee Disarticulation
Impact Level:	Low to Moderate
Maximum Patient Weight:	136kg (300lbs)
Knee Information	
Net weight:	Approx. 1.6kg (3.5lbs)
Build Height:	236mm (9 1/4")
Knee Flexion:	120°
Aluminum Frame Construction	
Weatherproof	

CLEARANCE

RHEO KNEE



RHEO KNEE WITH THREADED TOP ADAPTER (A - 145310)



RHEO KNEE®

KITS

RHEO KNEE KIT

Part#	Description
RKN130003	3 Years Warranty (No Service Check)
RKN130005	5 Years Warranty (Incl. Service Check at 40 Months)

- Includes:
- Rheo Knee
 - Rheo Knee Power Supply w/Plug
 - Terms of warranty
 - Instructions for use

RHEO KNEE KIT WITH THREADED TOP ADAPTER:
Rheo Knee with threaded top adapter is the solution for knee disarticulation amputees and those with long residual limbs.

To order Rheo Knee with threaded top adapter, order the Rheo Knee Kit and add Össur's Female Pyramid Insert to the order.

Part#	Description	Height	Weight
A-145310	Female Pyramid Insert / Threaded Top Adapter	9mm 3/8"	33g 1.16oz



RHEO KNEE ACCESSORIES

Part#	Description
N/A	ÖSSUR LOGIC for iOS devices is available on the App Store

COMPONENTS

POWER SUPPLY

Part#	Description
PRX00421	Power Supply w/Plug



EXTENDED WARRANTY

RHEO KNEE KIT EXTENDED WARRANTY*

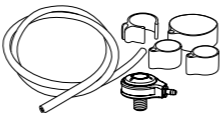
Part#	Description
RKN3GE2YR	Additional 2 Year Warranty

* Maximum total warranty period is 5 years, must be purchased within 20 months after original purchase date. If total warranty time acquired adds up to 5 years, then 40 month service check will be mandatory.

UNITY

UNITY KITS

Part#	Description	Applicable Foot Kits
UTF0001	Unity TF Valve Kit	All



RHEO KNEE® XC



INTRODUCTION

The Rheo Knee XC is a microprocessor-controlled knee designed to support patients from early rehabilitation to full recovery with its effortless, intuitive, and stable functionality. It builds on reliable and clinically proven technology, delivering outstanding user outcome.

KEY FEATURES

- Supports rehabilitation and increased mobility; including cycling, walk-to-run, and stair ascent.
- Auto adaptive real-time stance and swing control.
- Dependable and easy swing initiation on all surfaces.
- Automatic stumble recovery.
- Manual extension lock.
- Weatherproof design allows exposure to fresh water splashes.
- Accompanying Össur Logic app for iOS devices provides:
 - Simple practitioner setup and adjustment, and printable user activity reports.
 - Functional training exercises for improved user confidence.
 - Selection of user preferences and monitoring of step count and battery charge level.
- Smart Extension makes raising from a squatted position easier with less resistance.
- Facilitates stepping over obstacles and stepping backwards.



RECOMMENDED WITH



Seal-In® X TF liner



Pro-Flex®



Re-Flex® Shock



Pro-Flex® XC



Pro-Flex® XC Torsion

*Note. Pro-Flex can not be used for high impact activities.



RHEO KNEE® XC

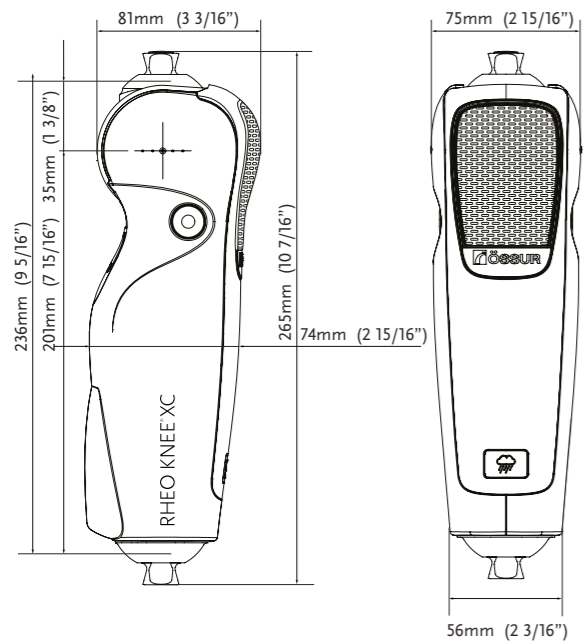


User Information		
Amputation Level:	Transfemoral, Knee Disarticulation	
Impact Level:	Low to moderate	High
Maximum Patient Weight:	136kg (300lbs)	110kg (243lbs)

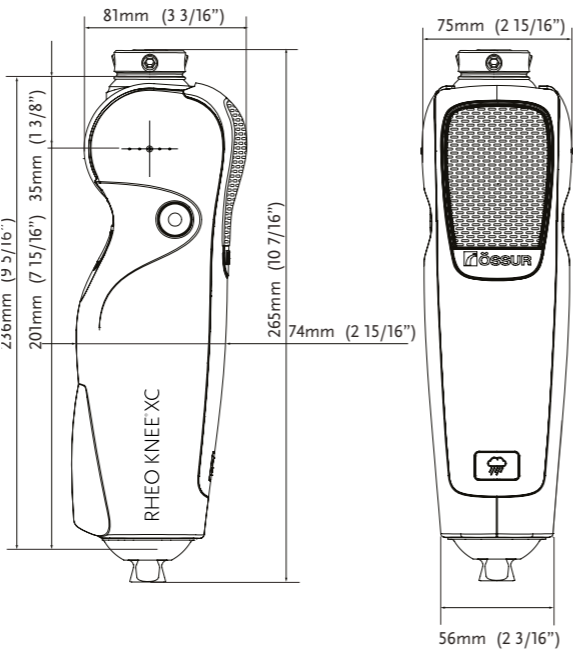
Knee Information	
Net weight:	1.6kg (3.5lbs)
Build Height:	236mm (9 1/4")
Knee Flexion:	120°
Aluminum Frame Construction	
Weatherproof	

CLEARANCE

RHEO KNEE XC



RHEO KNEE XC WITH THREADED TOP ADAPTER (A - 145310)



RHEO KNEE® XC

KITS

RHEO KNEE XC KIT

Part#	Description
RKNXC0003	3 Years Warranty (No Service Check)
RKNXC0005	5 Years Warranty (Incl. Service Check at 40 Months)

- Includes:
- Rheo Knee XC
 - Rheo Knee Power Supply w/Plug
 - Terms of warranty
 - Instructions for use



RHEO KNEE XC KIT WITH THREADED TOP ADAPTER:

Rheo Knee XC with threaded top adapter is the solution for knee disarticulation amputees and those with long residual limbs.

To order Rheo Knee XC with threaded top adapter, order the Rheo Knee XC Kit and add Össur's Female Pyramid Insert to the order.

Part#	Description	Height		Weight	
A-145310	Female Pyramid Insert / Threaded Top Adapter	9mm	3/8"	33g	1.16oz



RHEO KNEE ACCESSORIES

Part#	Description
N/A	ÖSSUR LOGIC for iOS devices is available on the App Store

COMPONENTS

POWER SUPPLY

Part#	Description
PRX00421	Power Supply w/Plug



EXTENDED WARRANTY

RHEO KNEE XC KIT EXTENDED WARRANTY*

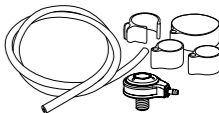
Part#	Description
RKNXCGE2YR	Additional 2 Year Warranty (Incl. Service Check at 40 Months)

* Maximum total warranty period is 5 years, must be purchased within 20 months after original purchase date. If total warranty time acquired adds up to 5 years, then 40 month service check will be mandatory.

UNITY

UNITY KITS

Part#	Description	Applicable Foot Kits
UTF0001	Unity TF Valve Kit	All



TOTAL KNEE® 1900



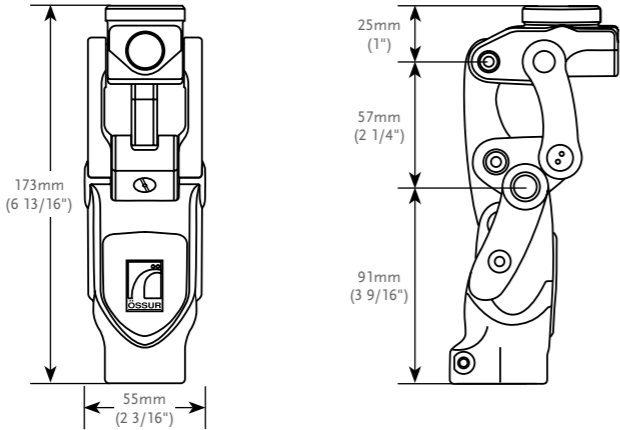
The knee accommodates everyday walking requirements. Through use of friction within an elastic polymer medium, the swing phase is controlled and steady. That combined with the extension promoter which assists in limiting heel rise and moving the knee into a fully extended position, ensures every amputee has access to the superior attributes of a Total Knee.

- Polycentric knee with geometric locking system.
- Unique swing phase control through use of friction within an elastic polymer medium.
- Adjustable stance flexion.
- Adjustable extension promoter.
- Low build height, useful for long transfemoral limbs or knee disarticulation.

Patient Profile:	
Amputation Level:	Transfemoral, Knee Disarticulation
Impact Level:	Low
Maximum Patient Weight:	100kg (220lbs)

Product Information:	
Build Height:	173mm (6 13/16")
Weight of Knee:	0.675kg (1.49lbs)
Flexion:	160°

CLEARANCE



KITS

Part#	Description
1900	Total Knee 1900**

* The knee comes with the red bumper fitted.
**Total Knee 1900/2000 user video (TV0005) is included in the box. The video contains basic information for the user.

UNITY
COMPATIBLE



TOTAL KNEE® 1900

COSMETIC FINISHING

Picture	Part#	Description
1	2047	Shin Fairing, Black
2	2052	Knee Cap, Small, Black
3	2053	Knee Cap, Large, Beige



COMPONENTS

BUMPER SELECTION CHART

Part#	Description	Color	Durometer	Patient Weight
2000-204G	Bumper	Green	Soft	35kg (77lbs) to 50kg (110lbs)
2000-204B	Bumper	Black	Regular	50kg (110lbs) to 70kg (154lbs)
2000-204R	Bumper	Red	Firm	70kg (154lbs) to 90kg (198lbs)
2000-204Y	Bumper	Yellow	Extra firm	90kg (198lbs) to 100kg (220lbs)



BUMPER KIT

Part#	Description
2000-Kit	A complete set of bumpers and shims



- Includes:
- 1 Bumper of each durometer:
 - 1 Shim 0.38mm
 - 1 Shim 0.76mm

BUMPER COVER

Part#	Description
2059	Bumper cover for Total Knee 1900 and 2000

SHIMS

Part#	Description
2000-205A	0.38mm Plastic Shim
2000-205B	0.76mm Plastic Shim

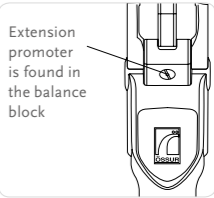
EXTENSION PROMOTER

Part#	Description
1905	Assists in limiting heel rise and moving the knee into a fully extended position

EXTENSION ASSIST

Part#	Description
2070S	Fully assembled extension assist with yellow (regular) spring inserted

- Includes:
- Blue spring (firm)
 - Red spring (extra firm)



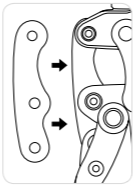
TOTAL KNEE® 1900

COMPONENTS

BACK LINK (POSTERIOR LINKAGE)

Part#	Description
1900SSB	Total Knee 1900 with high load back link

Note: There is an additional charge for these special back links.



TOTAL KNEE ADAPTERS

Picture	Part#	Description	Material	Weight Limit		Weight	
1	A-114040	4- Prong Socket Adapter	Stainless Steel	166kg	365lbs	158g	5.6oz
2	A-122300	Euro 4-Hole Adapter	Aluminum	125kg	275lbs	70g	2.5oz
3	A-834300	Male Pyramid Adapter	Stainless Steel	100kg	220lbs	111g	3.9oz
3	A-835300	Male Pyramid Adapter	Titanium	166kg	365lbs	80g	2.8oz
4	A-845300	Female Pyramid Adapter	Titanium	166kg	365lbs	85g	3oz

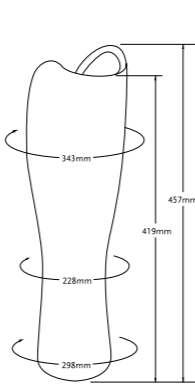


COSMETIC FINISHING FOR TOTAL KNEE

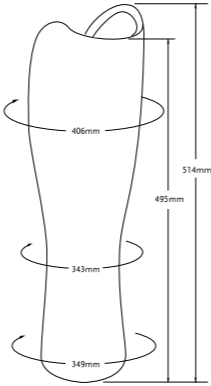
DISCONTINUOUS COSMETIC FOAM

Part#	Description
2075R	Cosmetic Foam Cover, Regular - for use with Total Knee 1900 and 2000
2075L	Cosmetic Foam Cover, Large - for use with Total Knee 1900 and 2000

- Beige toned
- Designed to fit over Total Knee® Range
- Designed to fit left or right
- Internally shaped to accommodate knee cap, shin ferrule and 30mm tube
- Fire retardant



Part# 2075R Regular



Part# 2075L Large

TOTAL KNEE® 2000

UNITY
COMPATIBLE



This is the go-to knee for superior shock absorption, increased comfort and a more natural gait. Mid-swing shortening offers increased toe clearance during swing to prevent hip-hiking and the 3-phase hydraulic swing control accommodates changes in walking speed. Plus, the adjustable stance flexion feature mimics the knee flexion that occurs during early stance, reducing shock and stress on the residual limb.

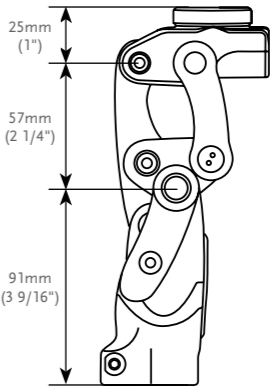
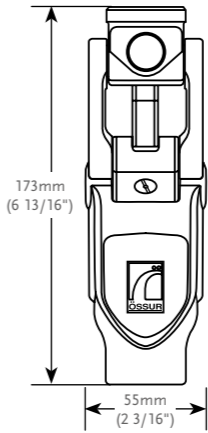
- Polycentric knee with geometric locking system.
- Swing control adjustments through 3-phase (3-valve) hydraulic system.
- Adjustable stance flexion.
- Adjustable extension promoter.
- Low build height, useful for long transfemoral limbs or knee disarticulation.



Patient Profile:	
Amputation Level:	Transfemoral, Knee Disarticulation
Impact Level:	Moderate to High
Maximum Patient Weight:	100kg (220lbs)

Product Information:	
Build Height:	173mm (6 13/16")
Weight of Knee:	0.69kg (1.52lbs)
Flexion:	160°

CLEARANCE



KITS

Part#	Description
2000	Total Knee 2000**

*The knee comes with the red bumper fitted.
**Total Knee 1900/2000 user video (TV0005) is included in the box. The video contains basic information for the user.

TOTAL KNEE® 2000

COSMETIC FINISHING

Picture	Part#	Description
1	2047	Shin Fairing, Black
2	2052	Knee Cap, Small, Black
3	2053	Knee Cap, Large, Beige



COMPONENTS

BUMPER SELECTION CHART

Part#	Description	Color	Durometer	Patient Weight
2000-204G	Bumper	Green	Soft	35kg (77lbs) to 50kg (110lbs)
2000-204B	Bumper	Black	Regular	50kg (110lbs) to 70kg (154lbs)
2000-204R	Bumper	Red	Firm	70kg (154lbs) to 90kg (198lbs)
2000-204Y	Bumper	Yellow	Extra firm	90kg (198lbs) to 100kg (220lbs)



BUMPER KIT

Part#	Description
2000-Kit	A complete set of bumpers and shims

- Includes:
- 1 Bumper of each durometer:
 - 1 Shim 0.38mm
 - 1 Shim 0.76mm

BUMPER COVER

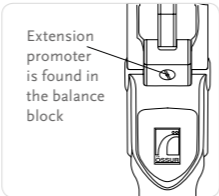
Part#	Description
2059	Bumper cover for Total Knee 1900 and 2000

SHIMS

Part#	Description
2000-205A	0.38mm Plastic Shim
2000-205B	0.76mm Plastic Shim

EXTENSION PROMOTER

Part#	Description
1905	Assists in limiting heel rise and moving the knee into a fully extended position



EXTENSION ASSIST

Part#	Description
2070S	Fully assembled extension assist with yellow (regular) spring inserted

- Includes:
- Blue spring (firm)
 - Red spring (extra firm)

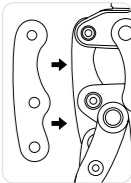
TOTAL KNEE® 2000

COMPONENTS

BACK LINK (POSTERIOR LINKAGE)

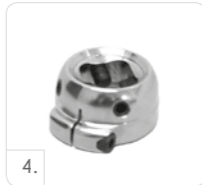
Part#	Description
2000SSB	Total Knee 2000 with high load back link

Note: There is an additional charge for these special back links.



TOTAL KNEE ADAPTERS

Picture	Part#	Description	Material	Weight Limit		Weight	
1	A-114040	4- Prong Socket Adapter	Stainless Steel	166kg	365lbs	158g	5.6oz
2	A-122300	Euro 4-Hole Adapter	Aluminum	125kg	275lbs	70g	2.5oz
3	A-834300	Male Pyramid Adapter	Stainless Steel	100kg	220lbs	111g	3.9oz
3	A-835300	Male Pyramid Adapter	Titanium	166kg	365lbs	80g	2.8oz
4	A-845300	Female Pyramid Adapter	Titanium	166kg	365lbs	85g	3oz

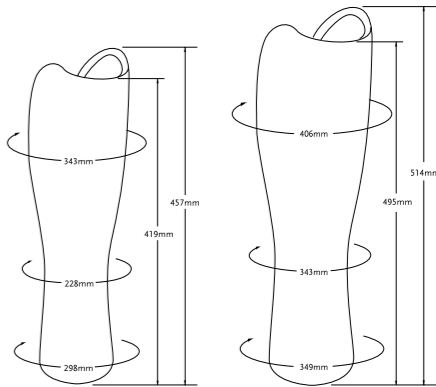


COSMETIC FINISHING FOR TOTAL KNEE

DISCONTINUOUS COSMETIC FOAM

Part#	Description
2075R	Cosmetic Foam Cover, Regular - for use with Total Knee 1900 and 2000
2075L	Cosmetic Foam Cover, Large - for use with Total Knee 1900 and 2000

- Beige toned
- Designed to fit over Total Knee® Range
- Designed to fit left or right
- Internally shaped to accommodate knee cap, shin ferrule and 30mm tube
- Fire retardant



Part# 2075R Regular

Part# 2075L Large

TOTAL KNEE® 2100



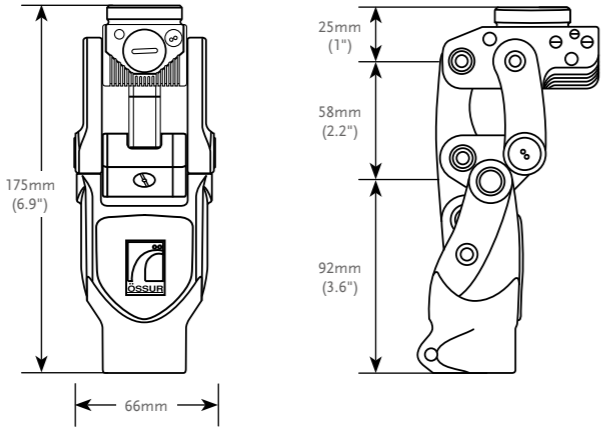
The Total Knee 2100 is a highly refined polycentric knee with 3-phase hydraulic swing control designed to withstand the rigors of more active amputees. 25% increased fluid capacity over Model 2000, the Total Knee 2100 offers the ultimate in stability, control, efficiency and durability.

- Polycentric knee designed for multi-speed ambulation, higher impact levels and heavier loads.
- Geometric locking system.
- 30mm (13/16") pylon adaptability.
- Adjustable stance flexion.
- Adjustable extension promoter.
- Low build height, useful for long transfemoral limbs or knee disarticulation.

Patient Profile:	
Amputation Level:	Transfemoral, Knee Disarticulation
Impact Level:	Moderate to Extreme
Maximum Patient Weight:	125kg (275lbs)

Product Information:	
Build Height:	175mm (6.9")
Weight of Knee:	0.9kg (1.98lbs)
Flexion:	160°

CLEARANCE



KITS

Part#	Description
2100	Total Knee 2100*

*The knee comes with the yellow bumper fitted.

UNITY
COMPATIBLE



TOTAL KNEE® 2100

COSMETIC FINISHING

Picture	Part#	Description
1	2145	Shin Fairing, Black
2	2150	Knee Cap, Small, Black
3	2151	Knee Cap, Large, Beige



COMPONENTS

BUMPER SELECTION CHART

Part#	Description	Color	Durometer	Patient Weight
2100-317B	Bumper	Black	Soft	50kg (110lbs) to 70kg (154lbs)
2100-317R	Bumper	Red	Regular	70kg (154) to 90kg (198lbs)
2100-317Y	Bumper	Yellow	Firm	90kg (198lbs) to 110kg (242lbs)
2100-317O	Bumper	Orange	Extra firm	110kg (242lbs) to 125kg (275lbs)

BUMPER KIT

Part#	Description
2100-Kit	A complete set of bumpers and shims

- Includes:
- 1 Bumper of each durometer:
 - 1 Shim 0.38mm
 - 1 Shim 0.76mm

BUMPER COVER

Part#	Description
2100-717	Bumper cover for Total Knee 2100

SHIMS

Part#	Description
2100-312A	0.38mm Plastic Shim
2100-312B	0.76mm Plastic Shim

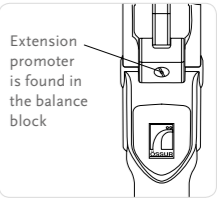
EXTENSION PROMOTER

Part#	Description
1905	Assists in limiting heel rise and moving the knee into a fully extended position

EXTENSION ASSIST

Part#	Description
2070S	Fully assembled extension assist with yellow (regular) spring inserted

- Includes:
- Blue spring (firm)
 - Red spring (extra firm)



TOTAL KNEE® 2100

COMPONENTS

GREASE GUN

Part#	Description
2105	Grease for Total Knee 2100

TOTAL KNEE ADAPTERS

Picture	Part#	Description	Material	Weight Limit		Weight	
1	A-114040	4- Prong Socket Adapter	Stainless Steel	166kg	365lbs	158g	5.6oz
2	A-122300	Euro 4-Hole Adapter	Aluminum	125kg	275lbs	70g	2.5oz
3	A-834300	Male Pyramid Adapter	Stainless Steel	100kg	220lbs	111g	3.9oz
3	A-835300	Male Pyramid Adapter	Titanium	166kg	365lbs	80g	2.8oz
4	A-845300	Female Pyramid Adapter	Titanium	166kg	365lbs	85g	3oz

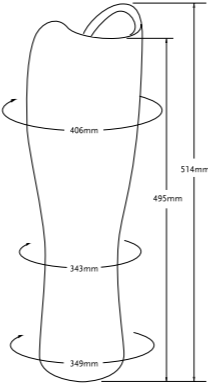


COSMETIC FINISHING FOR TOTAL KNEE®

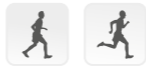
DISCONTINUOUS COSMETIC FOAM

Part#	Description
2175L	Cosmetic Foam Cover, High activity, Large - for use with Total Knee 2100

- Beige toned
- Designed to fit over Total Knee® Range
- Designed to fit left or right
- Internally shaped to accommodate knee cap, shin ferrule and 30mm tube
- Fire retardant



OH5 KNEE™



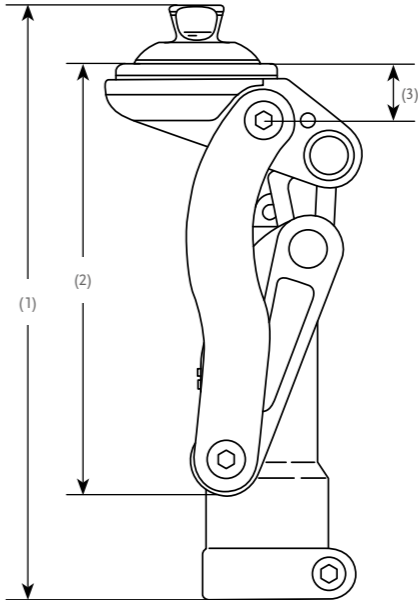
OH5 Knee is a hydraulic, polycentric knee joint. The OH5 can be adapted for different walking speeds using the innovative hydraulic system. Four different socket connection options support use for different amputation levels.

- Individually adjustable swing phase for a harmonious gait
- Enables safe and confident heel strike
- Simple modification of the socket connector
- Higher ground clearance for a safer and more confident gait
- Highly acute flexion angle for more freedom of movement

Patient Profile:	
Amputation Level:	Transfemoral, Knee Disarticulation
Impact Level:	High to Extreme
Maximum Patient Weight:	100kg (220lbs)

Product Information:				
	OH5 Knee with pyramid	OH5 Knee with IKF adapter	KH5 Knee with Loop adapter	KH5 Knee with 3-arm adapter
Build Height (1):	184mm	199mm	176mm	180mm
Build Height (2):	132mm	147mm	141mm	145mm
Build Height (3):	17mm	32mm	26mm	26mm
Weight of Knee:	830g	965g	850g	930g
Flexion:	150°	150°	150°	150°

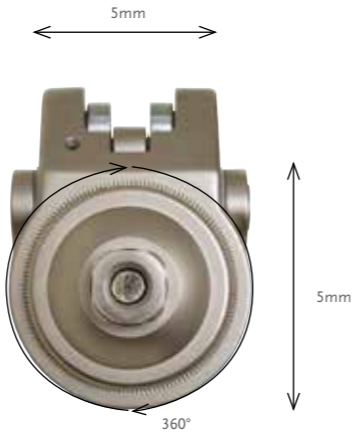
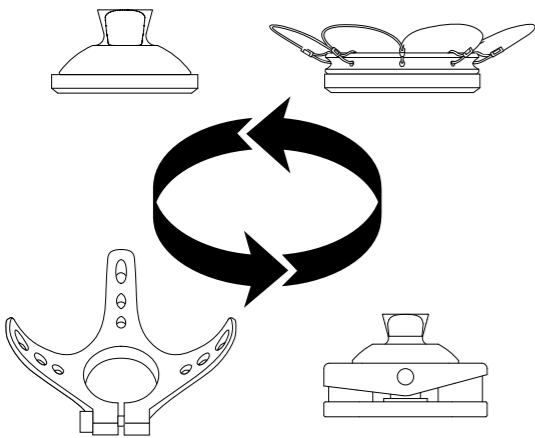
CLEARANCE



OH5 KNEE™

KITS

Part#	Description
1722176	OH5 Knee with pyramid
1725176	OH5 Knee with IKF adapter
1722175	KH5 Knee with Loop adapter
1722177	KH5 Knee with 3-arm adapter



OH7 KNEE™



OH7 Knee is a hydraulic, polycentric knee joint. The OH7 can be adapted for different walking speeds using the innovative hydraulic system. Four different socket connection options support use for different amputation levels.

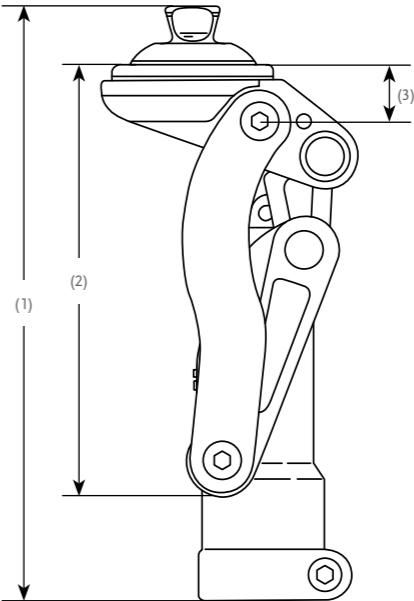
- Individually adjustable swing phase for a harmonious gait
- Enables safe and confident heel strike
- Simple modification of the socket connector
- Higher ground clearance for a safer and more confident gait
- Highly acute flexion angle for more freedom of movement
- Adjustable axle geometry

Patient Profile:	
Amputation Level:	Transfemoral, Knee Disarticulation
Impact Level:	High to Extreme
Maximum Patient Weight:	136kg (300lbs)

Product Information:				
	OH7 Knee with pyramid	OH7 Knee with IKF adapter	KH7 Knee with Loop adapter	KH7 Knee with 3-arm adapter
Build Height (1):	186mm	201mm	178mm	180mm
Build Height (2):	134mm	149mm	143mm	147mm
Build Height (3):	19mm	34mm	28mm	28mm
Weight of Knee:	930g	1065g	950g	1030g
Flexion:	150°	150°	150°	150°



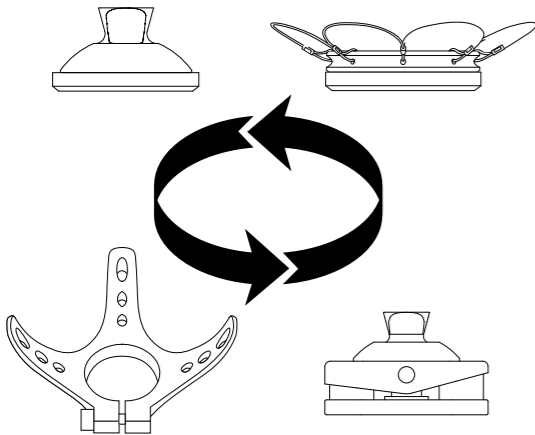
CLEARANCE



OH7 KNEE™

KITS

Part#	Description
1725180	OH7 Knee with pyramid
1725181	OH7 Knee with IKF adapter
1725182	KH7 Knee with Loop adapter
1725183	KH7 Knee with 3-arm adapter



MAUCH® KNEE



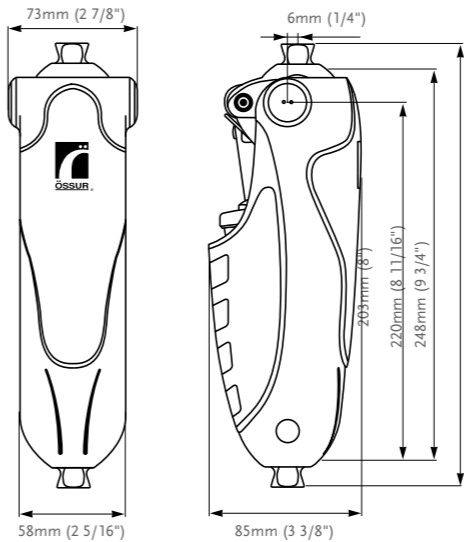
Don't be fooled by the sophisticated profile, with the extension stop, lightweight Aluminum construction and enhanced spherical bearings, the Mauch Knee is capable of withstanding the most unpredictable conditions.

- Single axis hydraulic knee system with swing and stance control (SNS®). Designed for multi-speed ambulation.
- Durable and secure motion.
- Ultra-durable Aluminum frame.
- Roller bearings at knee axis and cylinder attachment points for smooth action.
- Yielding stance control.
- Mode selector switch allows manual locking and free swing functions.
- Smooth profile assists with cosmetic finishing.
- Low Swing Resistance kits and High Stance Resistance kits are also available.

Patient Profile:	
Amputation Level:	Transfemoral
Impact Level:	Moderate to Extreme
Maximum Patient Weight:	136kg (300lbs)

Product Information:	
Build Height:	248mm (9 3/4")
Weight of Knee:	1.14kg (2.5lbs)
Flexion:	115°

CLEARANCE



KITS

Part#	Description
MKN01360	Mauch Knee Kit SNS
MKN01361*	Mauch Knee Kit SNS - Low Swing Resistance
MKN01362*	Mauch Knee Kit Swing Only
MKN01363	Mauch Knee Kit SNS - High Stance

*Special Order

SPARE PARTS

Part#	Description
MKA01361	Knee Ball, Screw, Btn Head
MKA01362	Cover, Front
MKA01363	Cover, Rear, Sub Assembly
MKA01364	Plug, Side

*Special Order



MAUCH® KNEE PLUS



The Mauch Knee Plus is a heavy duty version of the Mauch Knee. Built on the same advanced technology, it was developed in order to accommodate the needs of users requiring a higher weight limit. A slightly different and more robust frame means that the Mauch Knee Plus offers all of the benefits of the standard Mauch Knee to users up to 166kg (365lbs).

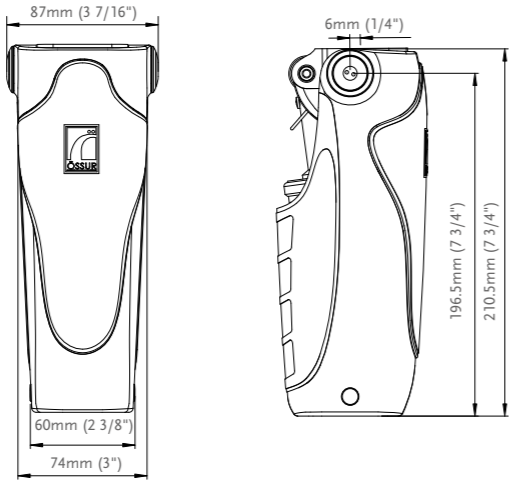
- Single axis hydraulic knee system with swing and stance control (SNS®).
- Designed for multi-speed ambulation.
- Ultra durable Aluminum frame.
- Durability and more secure motion.
- Roller bearings at knee axis and cylinder attachment points for smooth action.
- Yielding stance control.
- Mode selector switch allows manual locking and free swing functions.
- Universal 4-hole mounting patterns for versatile adapter options.
- Option for through hole or threaded hole top bracket.
- Low Swing Resistance kits and High Stance Resistance kits are also available.



Patient Profile:	
Amputation Level:	Transfemoral
Impact Level:	Moderate to Extreme
Maximum Patient Weight:	166kg (365lbs)

Product Information:	
Build Height:	210.5mm (8 5/16")
Weight of Knee:	1.21kg (2.7lbs)
Flexion:	125°

CLEARANCE



MAUCH® KNEE PLUS

KITS

Part#	Description
MKN01660	Mauch Knee Kit SNS
MKN01661*	Mauch Knee Kit SNS - Low Swing Resistance
MKN01662*	Mauch Knee Kit Swing Only
MKN01663*	Mauch Knee Plus Kit SNS - Through Hole
MKN01664*	Mauch Knee Plus Kit SNS - Low Swing Resistance - Through Hole
MKN01665*	Mauch Knee Plus Kit Swing Only - Through Hole
MKN01666*	Mauch Knee Plus Kit SNS - High Stance
MKN01667*	Mauch Knee Plus Kit SNS - Through Hole - High Stance

*Special Order

SOCKET ADAPTER OPTIONS

Recommended to allow full knee flexion with direct socket attachment.

Part#	Description	Build height		weight	
A-125100	4-Hole Socket Adapter / Titanium	18.5mm	3/4"	12g	4oz



COMPONENTS

Part#	Description
MKA01661	Knee Ball, Screw, Btn Head
MKA01662	Cover, Front
MKA01663	Cover, Rear, Sub Assembly
MKA01664	Plug, Side

*Special Order

OP2 KNEE™



The OP2 Knee is a polycentric knee joint with a sturdy aluminium frame construction. The Knee is for users with normal demands on walking and an increased safety requirement.

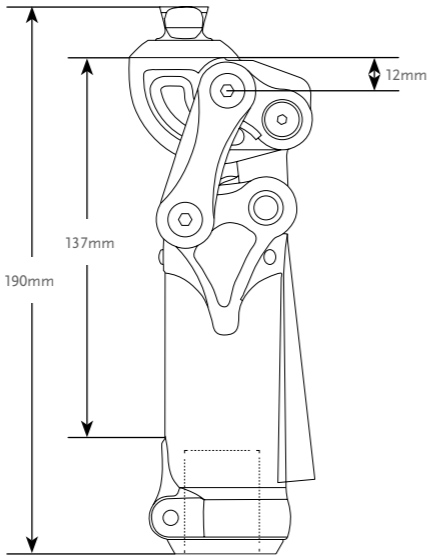
- Extension/Flexion can be set independently of each other
- Adjustable axle geometry
- High knee flexion angle up to 160°
- Slim design



Patient Profile:	
Amputation Level:	Transfemoral
Impact Level:	Moderate to High
Maximum Patient Weight:	125kg (275lbs)

Product Information:	
Build Height:	190mm
Weight of Knee:	0.65kg
Flexion:	160°

CLEARANCE



KITS

Part#	Description
1724120	OP2 Knee

OHP3 KNEE™



OHP3 Knee is a polycentric, pneumatic knee joint. Multiple socket connection options support use for different amputation levels.

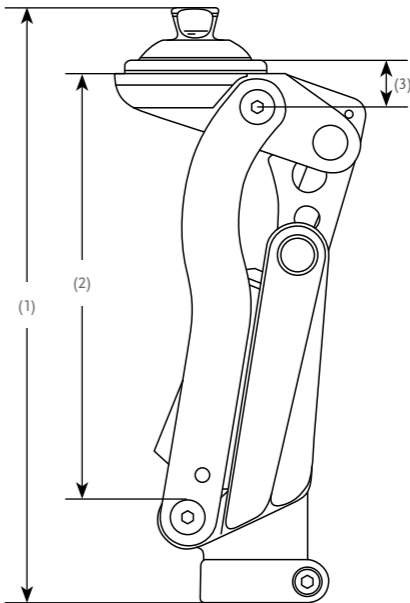
- Individually adjustable swing phase for a harmonious gait
- Simple modification of the socket connector
- Can be adapted to the user's safety requirements
- More freedom of movement and high comfort in wear
- Kneecap provides additional protection for both the knee and clothing



Patient Profile:	
Amputation Level:	Transfemoral, Knee Disarticulation
Impact Level:	Moderate to High
Maximum Patient Weight:	125kg (275lbs)

Product Information:				
	OHP3 Knee with pyramid	OHP3 Knee with IKF adapter	KHP3 Knee with Loop adapter	KHP3 Knee with 3-arm adapter
Build Height (1):	215mm	230mm	207mm	205mm
Build Height (2):	158mm	174mm	168mm	166mm
Build Height (3):	18mm	33mm	27mm	27mm
Weight of Knee:	1.025kg	1.155kg	1.04kg	1.12kg
Flexion:	150°	150°	150°	150°

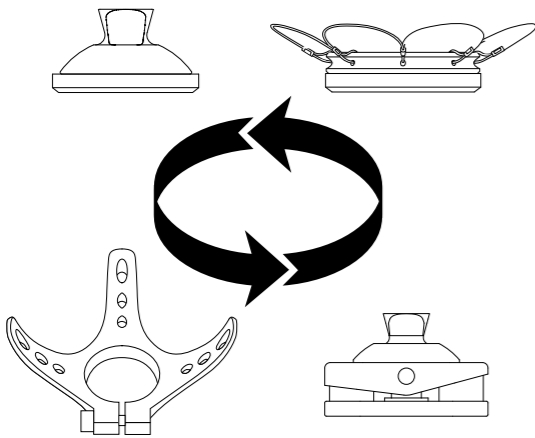
CLEARANCE



OHP3 KNEE™

KITS

Part#	Description
1728160	OHP3 Knee with pyramid
1728161	OHP3 Knee with IKF adapter
1728162	KHP3 Knee with Loop adapter
1728163	KHP3 Knee with 3-arm adapter



OP4 KNEE™



The OP4 Knee is a pneumatic, monocentric knee joint with brake function. Due to the finely adjustable brake, the joint can be adapted to the individual's safety requirements.

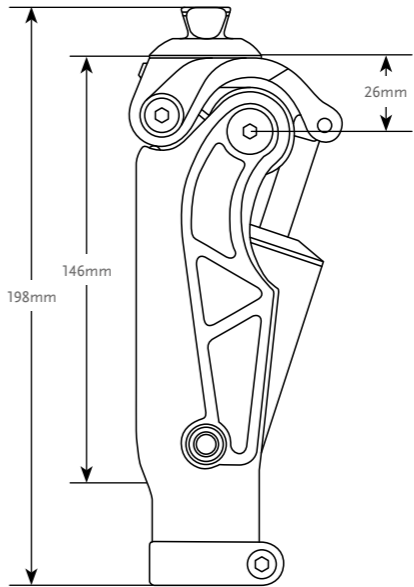
- Braking behavior can be adjusted to suit the user
- Individually adjustable swing phase for a harmonious gait
- Highly acute flexion angle for more freedom of movement
- Kneecap provides additional protection for both the knee and clothing



Patient Profile:	
Amputation Level:	Transfemoral
Impact Level:	Moderate to High
Maximum Patient Weight:	100kg (220lbs)

Product Information:	
Build Height:	198mm
Weight of Knee:	0.68kg
Flexion:	145°

CLEARANCE



KITS

Part#	Description
1720185	OP4 Knee

OP5 KNEE™



OP5 Knee is a pneumatic polycentric knee joint, whose swing phase profile can be adjusted to the user's needs. Multiple socket connection options support use for different amputation levels.

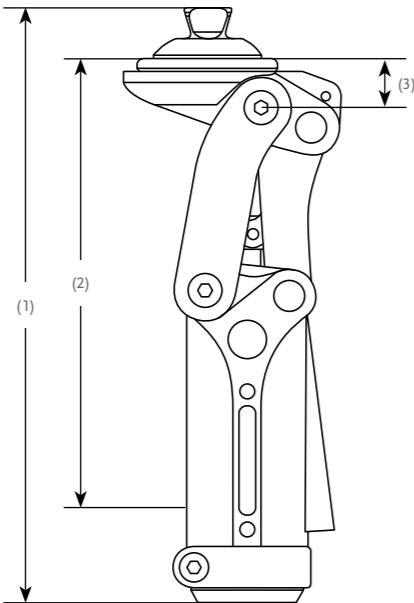
- Individually adjustable swing phase for a harmonious gait
- Simple modification of the socket connector
- Higher ground clearance for a safer and more confident gait
- Highly acute flexion angle for more freedom of movement



Patient Profile:	
Amputation Level:	Transfemoral, Knee Disarticulation
Impact Level:	Moderate to High
Maximum Patient Weight:	125kg (275lbs)

Product Information:				
	OP5 Knee with pyramid	OP5 Knee with IKF adapter	KP5 Knee with Loop adapter	KP5 Knee with 3-arm adapter
Build Height (1):	195mm	210mm	200mm	205mm
Build Height (2):	160mm	175mm	165mm	170mm
Build Height (3):	18mm	33mm	23mm	26mm
Weight of Knee:	0.77kg	0.9kg	0.785kg	0.87kg
Flexion:	145°	145°	145°	145°

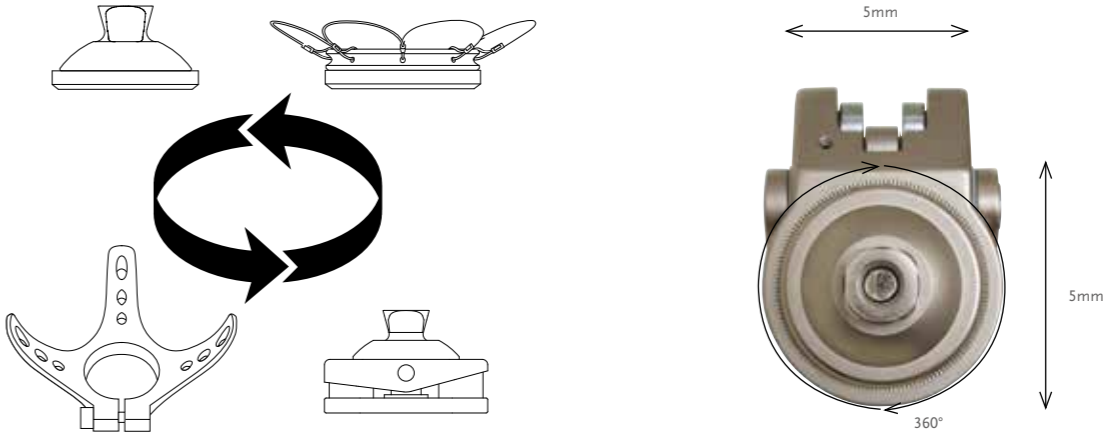
CLEARANCE



OP5 KNEE™

KITS

Part#	Description
1720180	OP5 Knee with pyramid
1720182	OP5 Knee with IKF adapter
1720181	KP5 Knee with Loop adapter
1720183	KP5 Knee with 3-arm adapter



PASO KNEE



Paso Knee is a pneumatic, polycentric knee joint. The intelligent swing phase control adapts automatically to the user's walking speed. The four different socket connection options enable use by different amputation levels.

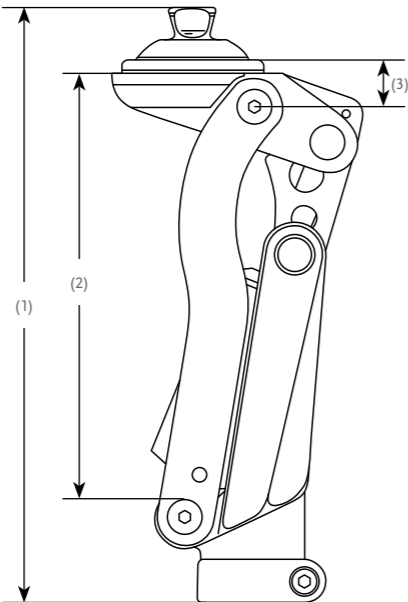
- Swing phase control with auto-adaptive pneumatic system
- Works straight “out of the box” – ready for use without long adjustment time
- Highly solid construction
- Different walking speed is supported up to 7 km/h.
- Powerful and smooth-running
- High knee flexion angle up to 150°

Patient Profile:	
Amputation Level:	Transfemoral, Knee Disarticulation
Impact Level:	Low to High
Maximum Patient Weight:	136kg (300lbs)

Product Information:				
	Paso Knee with pyramid	Paso Knee with IKF adapter	Paso Knee with loop adapter	Paso Knee with 3 arm adapter
Build Height (1):	215mm	230mm	207mm	205mm
Build Height (2):	158mm	174mm	168mm	166mm
Build Height (3):	18mm	33mm	27mm	27mm
Weight of Knee:	1.05kg	1.18kg	1.065kg	1.145kg
Flexion:	150°	150°	150°	150°



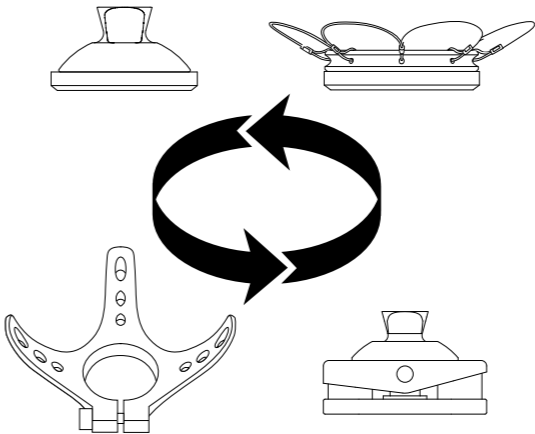
CLEARANCE



PASO KNEE

KITS

Part#	Description
1728180	Paso Knee with pyramid
1728181	Paso Knee with IKF adapter
1728182	Paso Knee with loop adapter
1728183	Paso Knee with 3 arm adapter



ÖSSUR FEET

ÖSSUR
BALANCE
SOLUTIONS



FLEX-FOOT BALANCE
WITH D/P FLEXION



BALANCE FOOT J



FLEX-FOOT ASSURE

ÖSSUR
DYNAMIC
SOLUTIONS



PROPRIO FOOT



PRO-FLEX XC TORSION



PRO-FLEX



PRO-FLEX LP TORSION



PRO-FLEX XC



PRO-FLEX LP ALIGN



PRO-FLEX LP



RE-FLEX ROTATE



RE-FLEX SHOCK

FLEX-FOOT®

FLEX-FOOT CHARACTERISTICS

PROPORTIONAL RESPONSE

The layering of carbon fiber optimizes the deflection of the forefoot from mid-stance to toe-off and is proportional to the user's weight and impact level.

Benefits: Customized construction optimizes walking efficiency thus reducing fatigue for the user.



PROPORTIONAL
RESPONSE

CARBON-X® ACTIVE HEEL

The Carbon-X Active Heel stores and transmits energy throughout stance phase assisting in absorbing shock and transferring stored energy into forward motion.

Benefits: Reducing impact to the joints and residual limb thus increasing comfort and diminishing joint and limb damage.



CARBON-X®
ACTIVE HEEL

FULL LENGTH TOE LEVER

The full-length keel/toe lever matches the length of the sound foot, giving a smoother, symmetrical gait.

Benefits: Improved walking symmetry and diminished impact to the sound limb.



FULL LENGTH
TOE LEVER

ACTIVE TIBIAL PROGRESSION

Vertical forces generated at heel contact are initially absorbed and translated into forward motion described as Active Tibial progression.

Benefits: More natural gait and reduced walking effort.



ACTIVE TIBIAL
PROGRESSION

VERTICAL SHOCK PYLON

The vertical shock pylon reduces trauma to the residual limb, joints and lower back during daily activities. Benefits: Protection of joints, the spine and residual limb by reduction of the shock loading.



VERTICAL SHOCK
PYLON

ROTATION

The ability of the foot to absorb rotational forces allows the user to walk with a more natural gait without increasing the shear forces on the residual limb.

Benefits: Supports normal gait dynamics, reduces risk of joint damage and improves residual limb comfort within the socket interface.



ROTATION

HEEL HEIGHT ADJUSTABILITY

Heel height can be adjusted to various types of shoes.

Benefits: Adjustable heel height minimizes misalignment of the prosthesis thus reducing walking fatigue and discomfort experienced with poor alignment.



HEEL HEIGHT
ADJUSTABILITY

MULTI-AXIAL GROUND COMPLIANCE

Multi-axial compliance of the foot provides improved ground contact during ambulation on uneven surfaces.

Benefits: Maintain balance, stability and comfort when walking on uneven surfaces.



MULTI-AXIAL
GROUND
COMPLIANCE

SPLIT TOE

A split toe feature allows the foot to adjust to the surface below, allowing amputees to walk naturally on uneven ground. Also available in solid toe.

Benefits: Helps to maintain balance, stability and reduces peak impact during loading.



SPLIT TOE

SANDAL TOE

Narrow, anatomically correct foot cover for use with a sandal toe shoe.

Benefits: More anatomical look for increased visual appeal and more functional compatibility with sandal shoes.



SANDAL TOE

FLEX-FOOT®

FLEX-FOOT CHARACTERISTICS

WATERPROOF

The use of first-rate material such as carbon fiber, titanium and high-grade aluminum provides permanent protection against harmful ingress of water. Even after submersion in water, the foot's structural parts maintain their integrity and continue to provide full support, function and durability. When the foot is directly laminated onto the socket the device is waterproof. The components used with the foot need to be waterproof as well.



WATERPROOF

WEATHERPROOF

A weatherproof device allows use in a wet and/or humid environment but does not allow submersion. Fresh water splashing against the enclosure from any direction shall have no harmful effect. Dry thoroughly after contact with fresh water. Fresh water: Includes tap water. Excludes salt and chlorinated water. When used with pyramid or T attachment the device is weatherproof. For a weatherproof system, only weatherproof components must be selected.



WEATHERPROOF

HYDRAULIC DORSIFLEXION

The hydraulic dorsiflexion and plantarflexion provides the user with toe clearance in swing phase.



HYDRAULIC FLEXION

Benefits: Decreases the risk of trips and falls.

UNITY® VACUUM SUSPENSION SYSTEM

INTRODUCTION

Building on renowned Iceross Seal-In technology, Össur designers and engineers have developed a form of advanced vacuum suspension that is also compatible with Flex-Foot technology.

The design challenge was to apply elevated vacuum with a Seal-In liner, using a simple pump mechanism which had minimal impact on the function of the foot. By applying vacuum where it is needed – around the distal part of the limb – Unity helps to stabilize volume while creating highly effective and sleeveless vacuum suspension.

Without a sleeve, range-of-motion is not restricted and vacuum can be released quickly and easily at the touch of a button. The design also minimizes the risk of proximal vacuum leakage and the puncture issues associated with more traditional 'above-knee' vacuum methods.

KEY ADVANTAGES

Unity offers the security and freedom of vacuum suspension, but without the sensation and restrictions of a sleeve. This advanced system from Össur effectively addresses volume fluctuation and is totally compatible with Flex-Foot technology.

- No sleeve required: Greater mobility and user acceptance
- Distal vacuum: Effective volume stabilization
- Simple design: Quick and easy to achieve/release vacuum
- Independent pump: Shock function uncompromised

MAIN APPLICATIONS

Unity is available for a host of feet, which together suit a wide spectrum of users. Transfemoral users can enjoy Unity as well as transtibial, since tube finishing options for Össur knees are available. Iceross Seal-In® X TF was designed to allow for optional seal placement and hold up to the strong vacuum created by Unity.

FLEX-FOOT BALANCE® WITH D/P FLEXION™



The Flex-Foot Balance is a comfortable multi-axial foot that combines proven durability and stability with comfort; leading to optimum patient compliance.

Flex-Foot Balance is also available with the D/P Flexion™ hydraulic ankle module. Flex-Foot Balance with D/P Flexion offers 9 degrees of dorsi and plantarflexion during stance phase to help improve stability on ramps and when transitioning from sitting to standing. Swing phase dorsiflexion is designed to reduce the risk of trips and falls—one of the main concerns of low active amputees. Plus, independent stiffness adjustment of dorsi- and plantarflexion enables you to customize performance for each amputee user. Please note that D/P Flexion is intended for low active amputees only.

Add our zero-build-height Unity pump module to create the only sleeveless elevated vacuum solution for less active users.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low
Maximum Patient Weight:	136kg (300lbs)



FULL LENGTH TOE LEVER



MULTI-AXIAL GROUND COMPLIANCE



SANDAL TOE



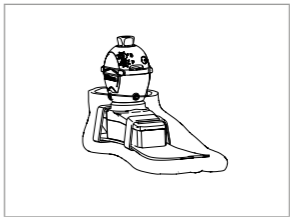
HYDRAULIC FLEXION

Foot Information	
Categories:	0-5
Sizes:	21-28
Weight of Foot: (Size 27)	0.91kg (32oz) w/ Pyramid and Foot Cover
Build Height: (Size 27)	138mm (5 7/16") w/ Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Male Pyramid

Unity System Information	
Unity Sizes:	23-28
Maximum Vacuum:	-23inHg (-600mmHg)
Normal Operating Pressure:	-16-20 inHg
Added System Weight:	100g w/ Pump, Socket Valve and Tube

ORDERING INFORMATION

FOR COMPLETE FOOT

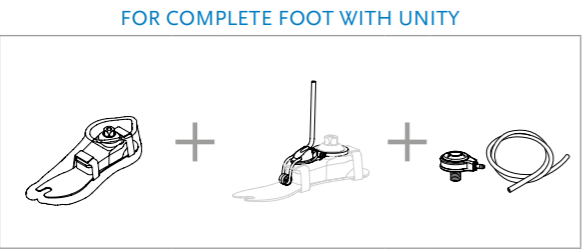


FLEX-FOOT BALANCE® WITH D/P FLEXION™

ORDERING INFORMATION

Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

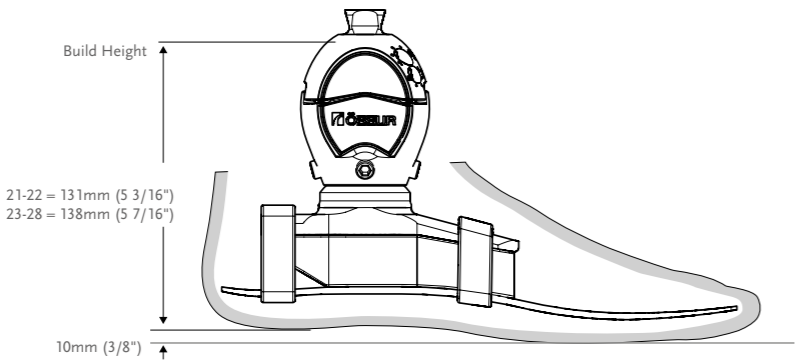


CATEGORY SELECTION CHART

Weight kg	36-44	45-61	62-80	81-97	98-114	115-136
Weight lbs	79-98	99-135	136-176	177-214	215-251	252-300
21	0	1	N/A	N/A	N/A	N/A
22	0	1	N/A	N/A	N/A	N/A
23	0	1	2	N/A	N/A	N/A
24	0	1	2	N/A	N/A	N/A
25	N/A	1	2	3	4	5
26	N/A	1	2	3	4	5
27	N/A	N/A	2	3	4	5
28	N/A	N/A	2	3	4	5

NOTE: The above categories apply only to Flex-Foot Balance with or without D/P Flexion

CLEARANCE



*Note. Flex-Foot Balance with D/P Flexion with Unity has the same build height as Flex-Foot Balance with D/P Flexion.

FLEX-FOOT BALANCE® WITH D/P FLEXION™

UNITY

UNITY KITS

Picture	Part#	Description	Applicable Foot Kits
1	UKB0026	Unity Pump Module K2P-FBP 23-26	Flex-Foot Balance Size 23-26
1	UKB0028	Unity Pump Module K2P-FBP 27-28	Flex-Foot Balance Size 27-28
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All



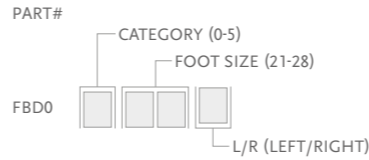
UNITY SPARE COMPONENTS

Part#	Description
UKB00021	Unity Components, 23-28

- Includes:
- Membrane
 - Tube
 - Check valves
 - Tube fastener
 - Barb fittings

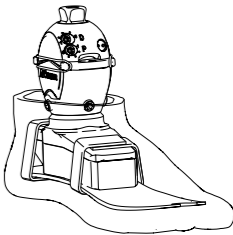
KITS

FLEX-FOOT BALANCE WITH D/P FLEXION



- Includes:
- Foot Module with D/P Flexion
 - Removable Foot Cover* with a Flex-Foot Sock

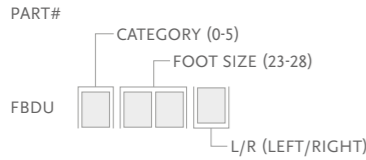
*For Flex-Foot Balance with D/P flexion with brown foot cover add a "BR" suffix to the part#



FLEX-FOOT BALANCE® WITH D/P FLEXION™

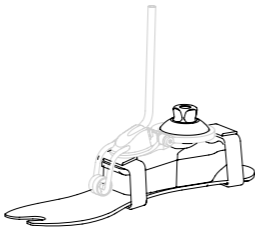
FOOT KITS APPLICABLE WITH UNITY

UNITY FOR FLEX-FOOT BALANCE WITH D/P FLEXION



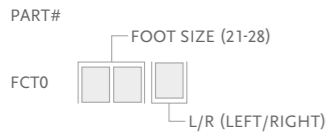
- Includes:
- Foot Module with D/P Flexion
 - Removable Foot Cover* with a Flex-Foot Sock

*For Flex-Foot Balance with D/P flexion with brown foot cover add a "BR" suffix to the part#



COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*



*For Flex-Foot Balance with brown foot cover add a "BR" suffix to the part#

- Includes:
- Foot Cover
 - Flex-Foot Sock
 - Foot Cover Attachment

FLEX-FOOT SOCKS

Part#	Size
FCX63006	21-25
FCX63007	26-28



FLEX-FOOT® BALANCE



The Flex-Foot Balance is a comfortable multi-axial foot that combines proven durability and stability with comfort; leading to optimum patient compliance.

Its full length toe lever and multi-axial design offer a smooth transition from heel strike to toe off that is absent in most competitively priced feet.

Unity for Flex-Foot Balance is available either pre-fit with a new foot or as a retrofit option. Used in combination with Iceross® Seal-In® liners, Unity provides advanced vacuum suspension for the socket during ambulation, without the constraints of an external sleeve. It adds minimal weight to the existing prosthesis and its simple mechanical design means there are no batteries to worry about. Reliable, effective and easy to use, it is designed to enhance user acceptance and mobility.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low
Maximum Patient Weight:	136kg (300lbs)



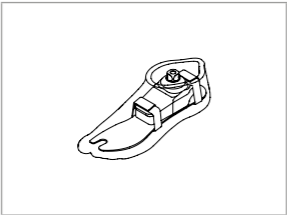
Foot Information	
Categories:	0-5
Sizes:	21-28
Weight of Foot: (Size 27)	0.594kg (21oz) w/ Pyramid and Foot Cover
Build Height: (Size 27)	62mm (2 7/16") w/ Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Male Pyramid

Unity System Information	
Unity Sizes:	23-28
Maximum Vacuum:	-23inHg (-600mmHg)
Normal Operating Pressure:	-16-20 inHg
Added System Weight:	100g w/ Pump, Socket Valve and Tube

FLEX-FOOT® BALANCE

ORDERING INFORMATION

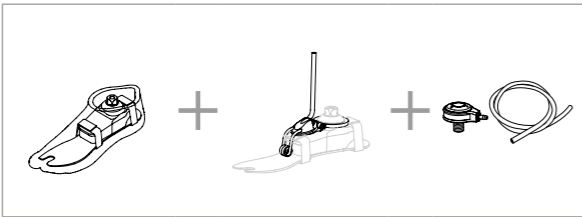
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY



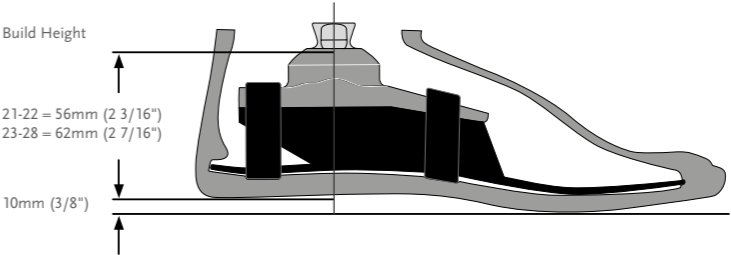
CATEGORY SELECTION CHART

Weight kg	36-44	45-61	62-80	81-97	98-114	115-136
Weight lbs	79-97	98-134	135-176	177-214	215-251	252-300
21	0	1	N/A	N/A	N/A	N/A
22	0	1	N/A	N/A	N/A	N/A
23	0	1	2	N/A	N/A	N/A
24	0	1	2	N/A	N/A	N/A
25	N/A	1	2	3	4	5
26	N/A	1	2	3	4	5
27	N/A	N/A	2	3	4	5
28	N/A	N/A	2	3	4	5

NOTE: The above categories apply only to Flex-Foot Balance

FLEX-FOOT® BALANCE

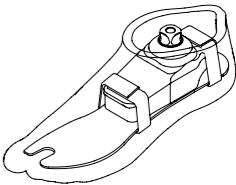
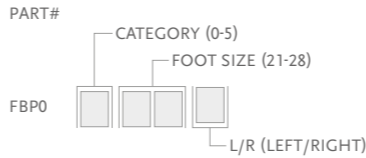
CLEARANCE



Note. Flex-Foot Balance with Unity has the same build height as Flex-Foot Balance.

KITS

FLEX-FOOT BALANCE MALE PYRAMID



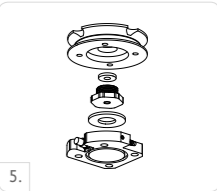
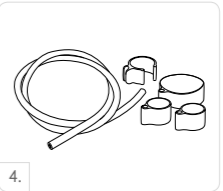
- Includes:
- Foot Module with a Male Pyramid Adapter
 - Removable Foot Cover* with a Flex-Foot Sock

*For Flex-Foot Balance with brown foot cover add a "BR" suffix to the part#

UNITY

UNITY KITS

Picture	Part#	Description	Applicable Foot Kits
1	UKB0026	Unity Pump Module K2P-FBP 23-26	Flex-Foot Balance Size 23-26
1	UKB0028	Unity Pump Module K2P-FBP 27-28	Flex-Foot Balance Size 27-28
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All



FLEX-FOOT® BALANCE

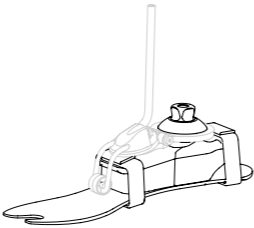
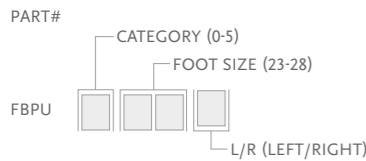
SPARE COMPONENTS

Part#	Description
UKB00021	Unity Components, 23-28

- Includes:
- Membrane
 - Check valves
 - Barb fittings
 - Tube
 - Tube fastener

FOOT KITS APPLICABLE WITH UNITY

FLEX-FOOT BALANCE MALE PYRAMID



- Includes:
- Foot Module with a Male Pyramid Adapter
 - Removable Foot Cover* with a Flex-Foot Sock

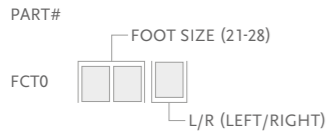
*For Flex-Foot Balance with brown foot cover add a “BR” suffix to the part#
Note: Unity will come preassembled on the foot if ordered with FBPU

UNITY CATEGORY SELECTION CHART

Weight kg	36-44	45-61	62-80	81-97	98-114	115-136
Weight lbs	79-97	98-134	135-176	177-214	215-251	252-300
23	0	1	2	N/A	N/A	N/A
24	0	1	2	N/A	N/A	N/A
25	N/A	1	2	3	4	5
26	N/A	1	2	3	4	5
27	N/A	N/A	2	3	4	5
28	N/A	N/A	2	3	4	5

NOTE: The above categories apply only to Flex-Foot Balance

FOOT COVER KIT, BEIGE AND BROWN*



- *For Flex-Foot Balance with brown foot cover add a “BR” suffix to the part#
- Includes:
- Foot Cover
 - Flex-Foot Sock
 - Foot Cover Attachment

FLEX-FOOT SOCKS

Part#	Size
FCX63006	21-25
FCX63007	26-28



BALANCE™ FOOT J



Balance Foot J is designed to meet the needs of slower speed walkers. It is lightweight with a heel that provides stability and cushioning at heel strike. Together with the full-length keel the Balance J provides excellent stability and support.

Unity for Balance Foot J is a sleeveless vacuum suspension system designed to stabilize volume fluctuations and maintain comfortable socket fit throughout the day. It is specifically designed for the low active user and in combination with Seal-In technology, it provides secure suspension and volume management. The lightweight foot provides stability and cushioning at heel strike and the full-length keel excellent stability and support dynamics without the restricting effect of an external suspension sleeve. Unity adds minimal weight, no extra build height to the prosthesis and does not interfere with the foot module dynamics.

User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low
Maximum Patient Weight:	136kg (300lbs)

PROPORTIONAL RESPONSE

FULL LENGTH TOE LEVER

ACTIVE TIBIAL PROGRESSION

WEATHERPROOF



Foot Information	
Categories:	1-5
Sizes:	22-30
Weight of Foot: (Size 27, Cat. 2)	0.502kg (17.7oz) w/ Pyramid and Foot Cover
Build Height: (Size 27)	125mm (4 15/16") w/ Male Pyramid and Foot Cover
Adapter Options:	Male Pyramid

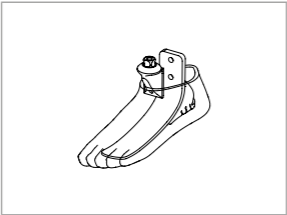
Unity System Information	
Maximum Vacuum:	-23inHg (-600mmHg)
Normal Operating Pressure:	-15-18 inHg
Added System Weight:	104g w/ Pump, Socket Valve and Tube



BALANCE™ FOOT J

ORDERING INFORMATION

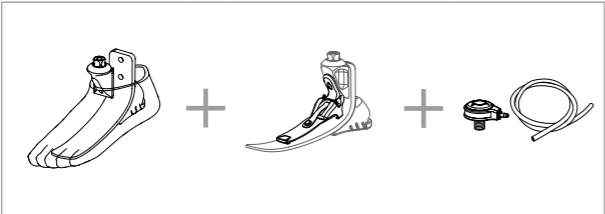
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

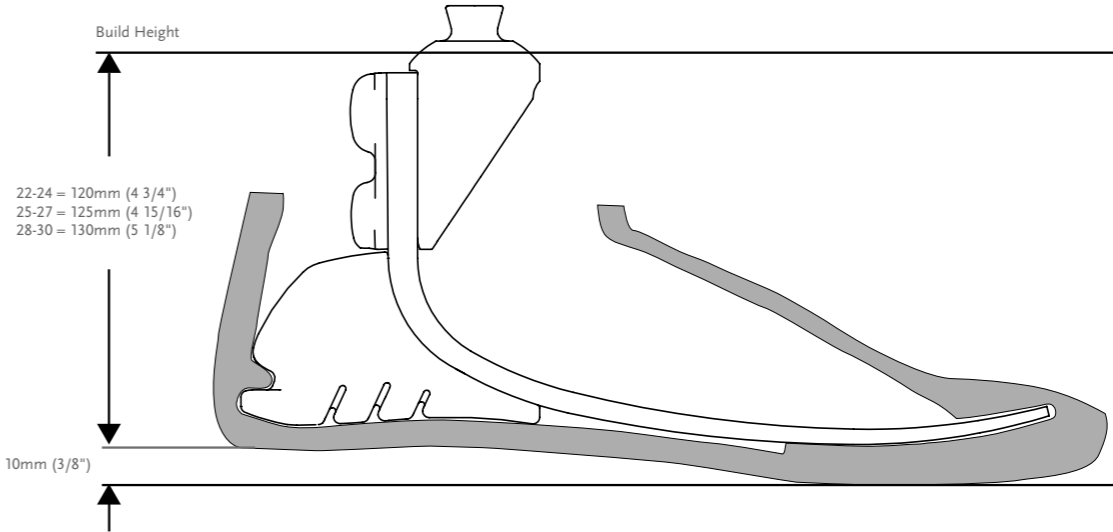


CATEGORY SELECTION CHART

Weight kg	45-61	62-80	81-97	98-114	115-136
Weight lbs	99-135	136-176	177-214	215-251	252-300
22	1	2	N/A	N/A	N/A
23	1	2	3	4	N/A
24	1	2	3	4	N/A
25	1	2	3	4	5
26	1	2	3	4	5
27	1	2	3	4	5
28	N/A	2	3	4	5
29	N/A	N/A	3	4	5
30	N/A	N/A	N/A	4	5

BALANCE™ FOOT J

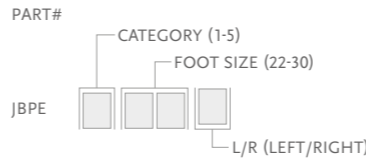
CLEARANCE



*Note: Balance Foot J with Unity has the same build height as Balance Foot J.

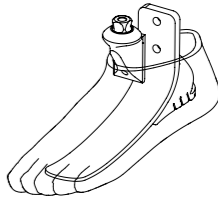
KITS

BALANCE FOOT J WITH MALE PYRAMID



- Includes:
- Foot Module with Male Pyramid
 - Foot Cover Kit*

*For Balance Foot J with brown foot cover, add "BR" to the part#.



COMPONENTS

MALE PYRAMID ADAPTER WITH BOLTS

Part#	Cat.	Weight	
SFX00165	1-5	158g	5.6oz



BALANCE™ FOOT J

UNITY

UNITY KITS

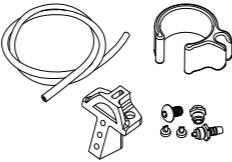
Picture	Part#	Description	Applicable Foot Kits
1	UFA0024	FAP-JBP Unity Pump S22-24	Balance Foot J Size 22-24
1	UFA0027	FAP-JBP Unity Pump S25-27	Balance Foot J Size 25-27
1	UFA0030	FAP-JBP Unity Pump S28-30	Balance Foot J Size 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit	All



UNITY SPARE COMPONENTS

Part#	Description
UFA00021	Unity FAP-JBP Components 22-24
UFA00022	Unity FAP-JBP Components 25-27
UFA00023	Unity FAP-JBP Components 28-30

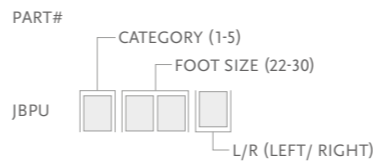
- Includes:
- Pump Blade
 - Membrane
 - Barb Fittings
 - Check valves
 - Mounting Screw
 - Tube
 - Loctite
 - Tube clamp



BALANCE™ FOOT J

FOOT KITS APPLICABLE WITH UNITY

BALANCE FOOT J WITH MALE PYRAMID

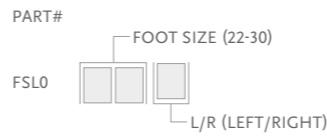


- Includes:
- Foot Module with Male Pyramid
 - Foot Cover Kit*

*For Balance Foot J with brown foot cover, add "BR" to the part#.

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*



- Includes:
- Foot Cover Kit
 - Foot Cover Attachment
 - Flex-Foot Sock

*Please specify when ordering brown covers, add "BR" to the end of the part number.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



FLEX-FOOT ASSURE®



The Flex-Foot Assure is ideal as a first prosthesis or a more permanent option for the less active, particularly those experiencing poor vascular health and/or diabetes.

Designed specifically for slower speed walkers, Flex-Foot Assure incorporates an active heel combined with the full-length keel that work together to protect the vulnerable sound limb. The proven design and simple fit of Assure allows basic ambulators to take advantage of premium technology just right for them.

Unity for Flex-Foot Assure is a sleeveless vacuum suspension system designed to stabilize volume fluctuations and maintain comfortable socket fit throughout the day. It is specifically designed for the low to moderate active user and in combination with Seal-In technology, it provides secure suspension and volume management. The lightweight foot incorporates an active heel combined with the full-length keel that work together to protect the vulnerable sound limb. The proven design and simple fit of Assure allows basic ambulators to take advantage of premium technology just right for them without the restricting effect of an external suspension sleeve. Unity adds minimal weight, no extra build height to the prosthesis and does not interfere with the foot module dynamics.

UNITY
COMPATIBLE



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low
Maximum Patient Weight:	136kg (300lbs)

PROPORTIONAL
RESPONSE

CARBON-X®
ACTIVE HEEL

FULL LENGTH
TOE LEVER

ACTIVE TIBIAL
PROGRESSION

WATERPROOF*

WEATHERPROOF**

* Flex-Foot Assure with glass tube
** Flex-Foot Assure with pyramid

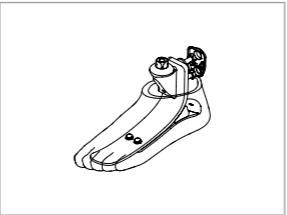
Foot Information	
Categories:	1-5
Sizes:	19-30
Weight of Foot: (Size 27)	0.544kg (19.2oz) w/ Pyramid and Foot Cover
Build Height: (Size 27)	125mm (4 15/16") w/ Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Male Pyramid or Fiberglass Tube

Unity System Information	
Foot Sizes:	22-30
Maximum Vacuum:	-23inHg (-600mmHg)
Normal Operating Pressure:	-15-18 inHg
Added System Weight:	104g w/ Pump, Socket Valve and Tube

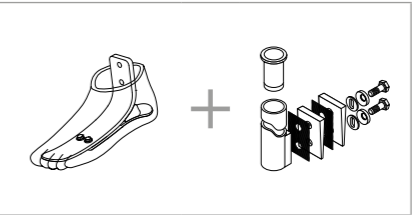
FLEX-FOOT ASSURE®

ORDERING INFORMATION

FOR COMPLETE FOOT



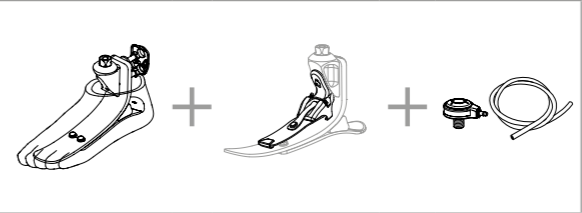
FOR COMPLETE FOOT WITH TUBE



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT



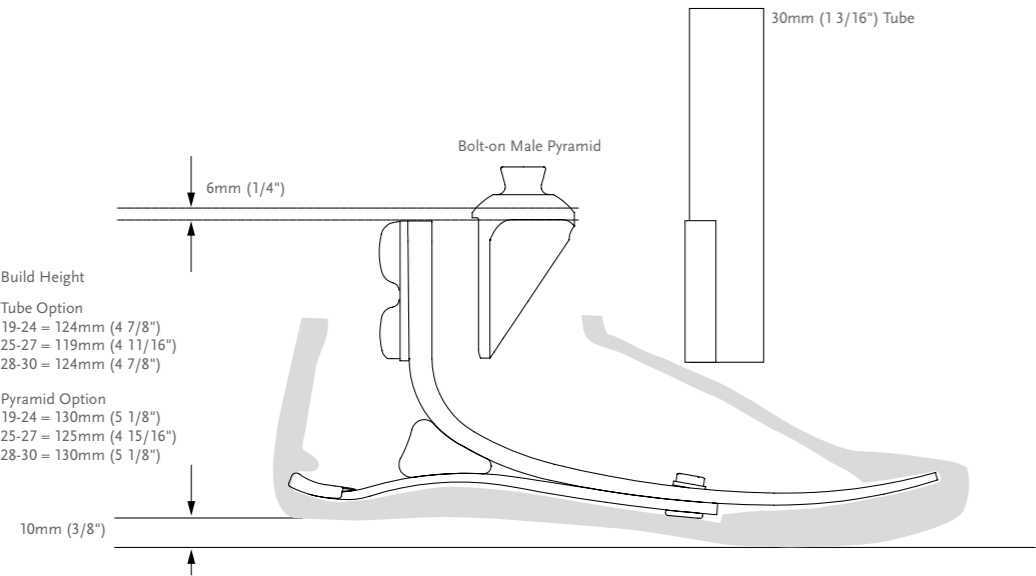
CATEGORY SELECTION CHART

Weight kg	45-61	62-80	81-97	98-114	115-136
Weight lbs	99-135	136-176	177-214	215-251	252-300
19-20**	1	2	N/A	N/A	N/A
21-22**	1	2	N/A	N/A	N/A
23-24	1	2	3	4	N/A
25-26	1	2	3	4	5
27-28	1	2	3	4	5
29-30	N/A	2	3	4	5

NOTE: The above categories apply only to Flex-Foot Assure
*All sizes not available for each category
**Unity for Flex-Foot Assure is available from sizes 22 and in all categories.

FLEX-FOOT ASSURE®

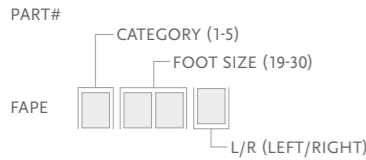
CLEARANCE



*Note: Flex-Foot Assure with Unity has the same build height as Flex Foot Assure with a Pyramid Option.

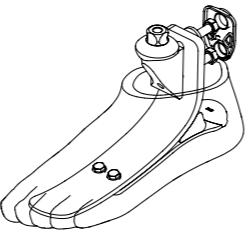
KITS

FLEX-FOOT ASSURE KIT WITH MALE PYRAMID

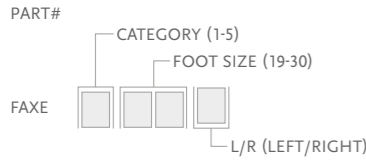


- Includes:
- Foot Module with Male Pyramid
 - Foot Cover Kit*

*For Flex-Foot Assure with brown foot cover, add "BR" to the part#.

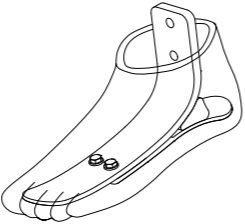


FLEX-FOOT ASSURE KIT WITHOUT ADAPTER



- Includes:
- Foot Module
 - Foot Cover Kit*

*For Flex-Foot Assure with brown foot cover, add "BR" to the part#.



FLEX-FOOT ASSURE®

COMPONENTS

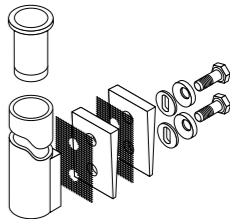
MALE PYRAMID ADAPTER WITH BOLTS

Part#	Cat.	Weight	
SFX00165	ALL	158g	5.6oz



30MM FIBERGLASS TUBE KIT

Part#	Cat.	Wall	Thickness		Length		Weight	
SFX00001	Red	1-3	3mm	1/8"	279mm	11"	292g	10.3oz
SFX00002	Red	1-3	3mm	1/8"	381mm	15"	333g	11.7oz
SFX00003	Green	4-5	4mm	3/16"	279mm	11"	331g	11.7oz
SFX00004	Green	4-5	4mm	3/16"	381mm	15"	401g	14oz

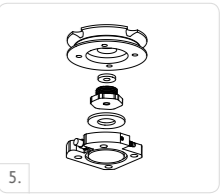


- Includes:
- Tube Insert (cat. 4-5)
 - Bolts (5/16" UNF)
 - Spherical Washers
 - Friction Pads
 - Loctite 410
 - Alignment Wedges

UNITY

UNITY KITS

Picture	Part#	Description	Applicable Foot Kits
1	UFA0024	FAP-JBP Unity Pump S22-24	Flex-Foot Assure Size 22-24
1	UFA0027	FAP-JBP Unity Pump S25-27	Flex-Foot Assure Size 25-27
1	UFA0030	FAP-JBP Unity Pump S28-30	Flex-Foot Assure Size 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All



FLEX-FOOT ASSURE®

UNITY SPARE COMPONENTS

Part#	Description
UFA00021	Unity FAP-JBP Components 22-24
UFA00022	Unity FAP-JBP Components 25-27
UFA00023	Unity FAP-JBP Components 28-30

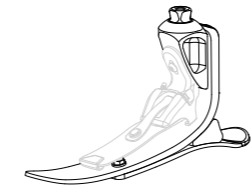


- Includes:
- Pump Blade
 - Membrane
 - Barb Fittings
 - Check valves
 - Mounting Screw
 - Tube
 - Loctite
 - Tube clamp

FOOT KITS APPLICABLE WITH UNITY

FLEX-FOOT ASSURE WITH MALE PYRAMID

PART#	CATEGORY (1-5)	FOOT SIZE (22-30)	L/R (LEFT/ RIGHT)
FAPU			



- Includes:
- Foot Module with Male Pyramid
 - Foot Cover Kit*

*For Flex-Foot Assure with brown foot cover, add "BR" to the part#.

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*

PART#	FOOT SIZE (22-30)	L/R (LEFT/RIGHT)
FSL0		



- Includes:
- Foot Cover Kit
 - Foot Cover Attachment

NOTE: For sizes 19-21, use FCX0* instead of FSL0*

*For Flex-Foot Assure with brown foot cover, add "BR" to the part#.

FLEX-FOOT SOCKS

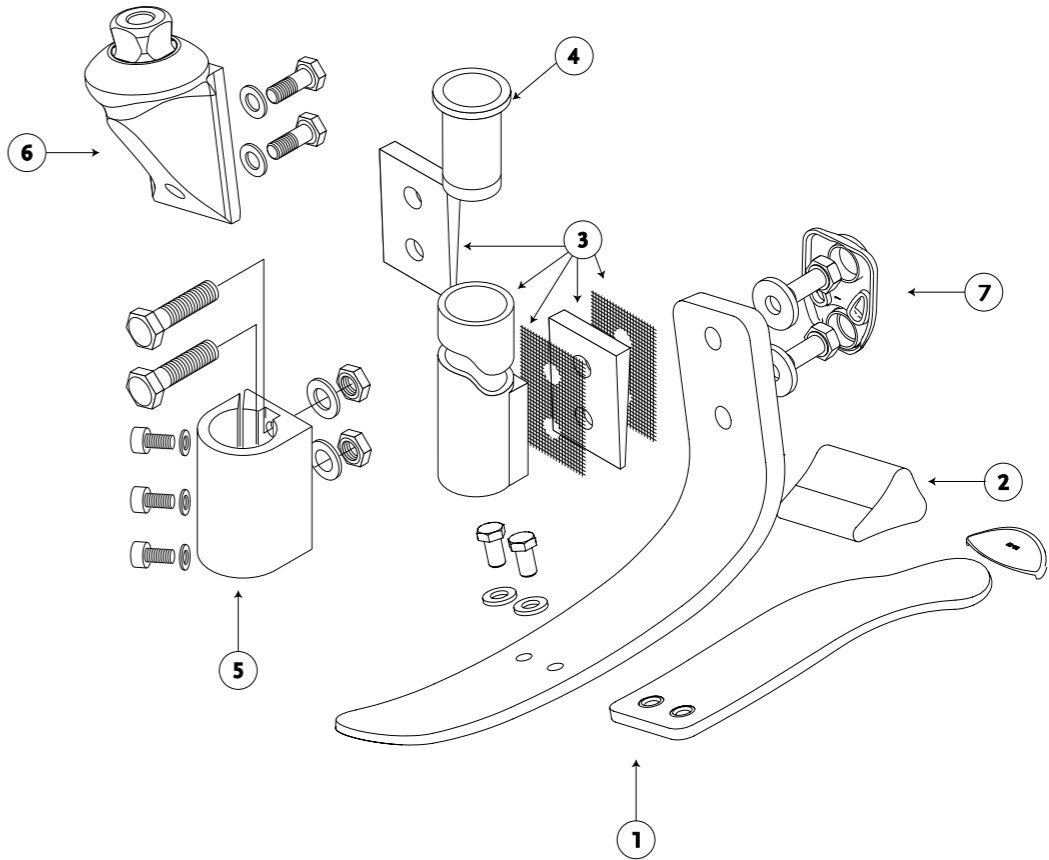
Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



FLEX-FOOT ASSURE®

DIAGRAM



	Description
1	Foot Module
2	Foam Wedge
3	30mm (1 3/16") Fiberglass Tube Kit
4	Tube Insert for SF5-SF6
5	30mm (1 3/16") Alignment Fitting Tool
6	Male Pyramid
7	Attachment Bolts

PROPRIO FOOT®



INTRODUCTION

PROPRIO FOOT is an adaptive prosthetic device for low to moderately active below-knee amputees that mimics natural foot motion. Motor-powered ankle motion increases ground clearance and reduces the risk of tripping and falling. This allows users to traverse different kinds of terrain in a natural and secure way.

Unity and Seal-In® provide secure suspension and volume management while increased toe clearance and ground adaptation contribute to easier ambulation. Unity adds minimal weight to the prosthesis and is fully compatible with the foot module function.

KEY FEATURES

- Increases ground clearance, reduces the risk of trips and falls and enhances safety and gait quality.
- Enables users to focus on their surroundings, instead of the walking terrain, offering a high degree of ground compliance, on all kinds of surfaces.
- Reduces strain on knees, hips and back.
- Enhances stability, efficiency and comfort on inclines, declines and stairs.
- Maintains symmetry and alignment while changing shoes.



RECOMMENDED WITH



Seal-In® X liner



PROPRIO FOOT®



User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate
Maximum Patient Weight:	125kg (275lbs)

PROPORTIONAL
RESPONSE

CARBON-X®
ACTIVE HEEL

FULL LENGTH
TOE LEVER

ACTIVE TIBIAL
PROGRESSION

HEEL HEIGHT
ADJUSTABILITY

SPLIT TOE

Foot Information	
Categories:	Size 22-24; Cat. 1-5 / Size 25-30; Cat. 1-8
Sizes:	22-30
Weight of Foot (Size 27, Cat. 5):	1.424kg (50.2oz) w/Foot Plate, Foot Cover and Battery
Heel Height Adjustability:	Up to 50mm (2")
Build Height:	168mm (6 5/8") - 176mm (7")

Unity System Information	
Unity Size:	25-30
Maximum Vacuum:	-23inHg (-600mmHg)
Normal Operating Pressure:	-16-20 inHg
Added System Weight:	130g w/ Pump, Socket Valve and Tube

CATEGORY SELECTION GUIDE

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-125
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-275
Low Impact Level	1	1	2	3	4	5	6	7
Moderate Impact Level	1	2	3	4	5	6	7	8

PROPRIO FOOT®

ORDERING INFORMATION

FOR COMPLETE FOOT



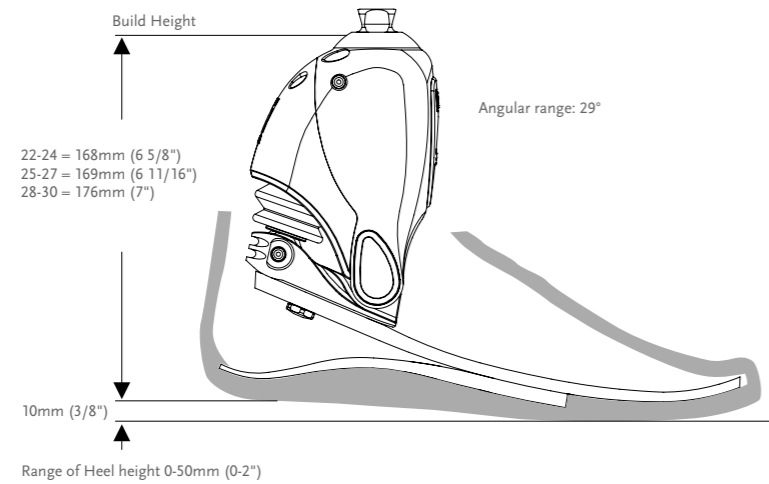
Unity can be ordered with Proprio Foot and Symbionic Leg 3 in sizes 25 and above. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY



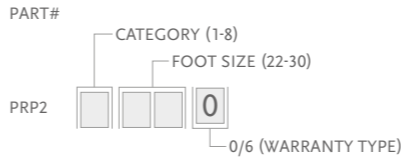
CLEARANCE



PROPRIO FOOT®

KITS

PROPRIO FOOT KIT



- Includes:
- PROPRIO FOOT Ankle
 - Foot Module
 - PROPRIO FOOT Battery Dummy
 - PROPRIO FOOT Power Supply
 - Heel Wedge Kit
 - Terms of Warranty
 - Quick Reference Cards
 - Technical Manual
 - Fitting Guide
 - Instructions for Use
 - Troubleshooting Guide



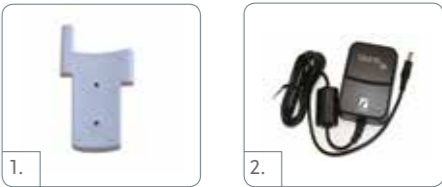
COMPONENTS

Picture	Part#	Description
1	PRX00431	Battery Dummy
2	PRX00421	Power Supply Kit

HEEL WEDGE KIT

Part#	Description	Cat.	Size
CM150011	Heel Wedge Kit	1-8	22-30

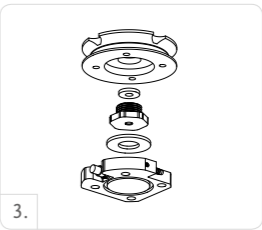
- Includes:
- 3 Wedges
 - Adhesive



UNITY

UNITY KITS

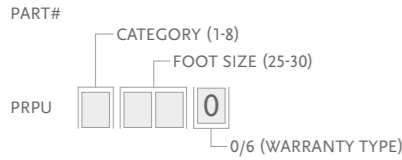
Picture	Part#	Description	Applicable Foot Kits
1	UPR0027	Unity Pump Module PRX 25-27	PROPRIO FOOT size 25-27
1	UPR0030	Unity Pump Module PRX 28-30	PROPRIO FOOT size 28-30
2	UTT0001	Unity TT Valve Kit	All
3	L-544611	Icelock 544 Kit Unity	All



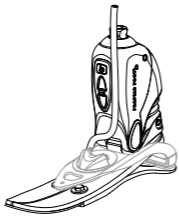
PROPRIO FOOT®

FOOT KITS APPLICABLE WITH UNITY

PROPRIO FOOT KIT



- Includes:
- Proprio Foot Ankle
 - Foot Module
 - Proprio Foot Battery Dummy
 - Proprio Foot Power Supply
 - Heel Wedge Kit
 - Terms of Warranty
 - Quick Reference Cards
 - Technical Manual
 - Fitting Guide
 - Instructions for Use
 - Troubleshooting Guide



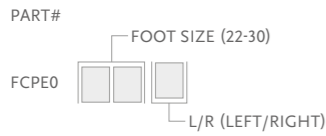
UNITY SPARE COMPONENTS

Part#	Description
UVL00022	Unity VL Components 25-30

- Includes:
- Membrane
 - Check valves
 - Barb fittings
 - Tube
 - Tube fastener
 - Heel pad

COSMETIC FINISHING

FLEX-FOOT COVER KIT*



- Includes:
- Foot Cover
 - Flex-Foot Sock

*Please specify when ordering brown covers, add "BR" to the end of the part number.



FLEX-FOOT SOCK

Part#	Size
FCE63006	22-25
FCE63007	26-30



PROPRIO FOOT®

EXTENDED WARRANTY

PROPRIO FOOT KIT EXTENDED WARRANTY*

Part#	Description
PRX1YADDWARRNTY	1 Year Extended Warranty
PRX3YADDWARRNTY	3 Year Extended Warranty

* Initial Proprio Foot limited warranty period: 24 months. Extended warranties on Bionic devices (Power Knee batteries excluded) are available for purchase, contact Össur Customer Service for options and prices. Maximum total warranty period is 5 years, must be purchased within one year of original purchase date.

TALUX®



The tarsal core and Achilles Strap provide multi-axial function, while the Dual J-Springs enhances forward motion, giving users ideal proportions of balance and agility.

Emulating many of the anatomical features of the human foot, the Talux has been specially designed to provide fluid, natural walking motion in a variety of terrains, for users of low to moderate activity. Talux now comes with a sandal toe for ease of footwear selection.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to Moderate
Maximum Patient Weight:	147kg (324lbs)

PROPORTIONAL RESPONSE

CARBON-X® ACTIVE HEEL

FULL LENGTH TOE LEVER

ACTIVE TIBIAL PROGRESSION

MULTI-AXIAL GROUND COMPLIANCE

SANDAL TOE

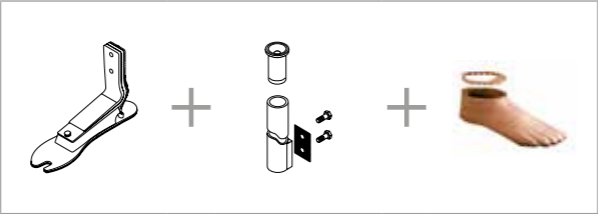
Foot Information	
Categories:	1-8
Sizes:	23-30
Weight of Foot: (Size 27)	0.86kg (30.3oz) w/ Pyramid and Foot Cover
Build Height: (Size 27)	182mm (7 3/16") w/ Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Male Pyramid, Tube Kit, or Quick-Align™

ORDERING INFORMATION

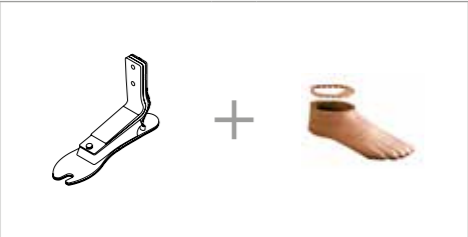
FOR COMPLETE FOOT WITH MALE PYRAMID



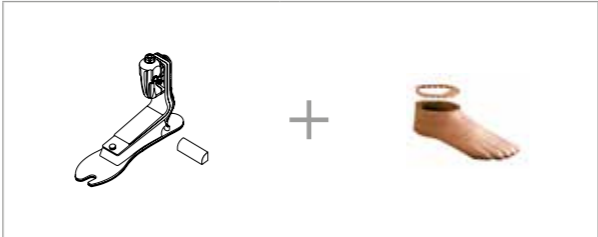
FOR COMPLETE FOOT WITH CARBON FIBER TUBE



FOR COMPLETE FOOT WITHOUT ADAPTER



FOR COMPLETE FOOT WITH QUICK-ALIGN™



Note. Quick-Align maximum patient weight: 125kg (275lbs)

TALUX®

CATEGORY SELECTION CHART

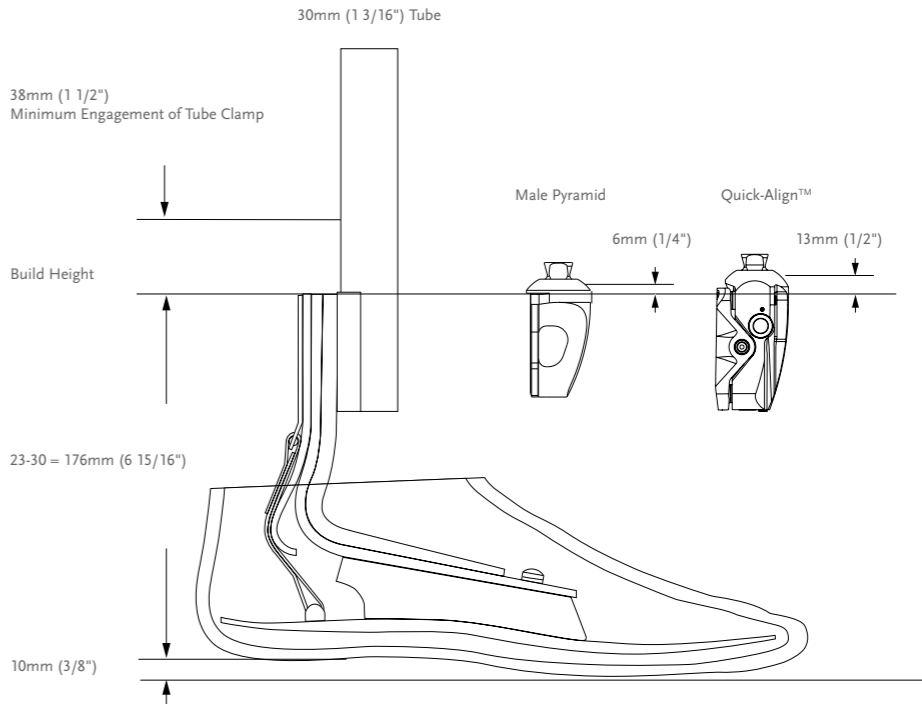
LOW IMPACT

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	97-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324
23-24	1	1	2	3	4	5	N/A	N/A	N/A
25-26	N/A	N/A	2	3	4	5	6	7	N/A
27-28	N/A	N/A	N/A	3	4	5	6	7	8
29-30	N/A	N/A	N/A	N/A	4	5	6	7	8

MODERATE IMPACT

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	97-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324
23-24	1	2	3	4	5	N/A	N/A	N/A	N/A
25-26	N/A	2	3	4	5	6	7	N/A	N/A
27-28	N/A	N/A	3	4	5	6	7	8	N/A
29-30	N/A	N/A	N/A	4	5	6	7	8	N/A

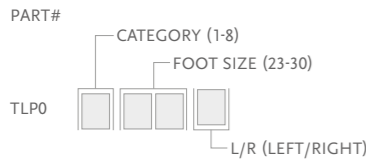
CLEARANCE



TALUX®

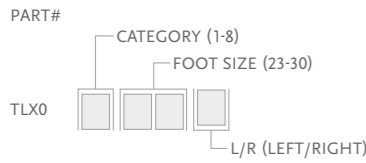
KITS

TALUX MALE PYRAMID OPTION



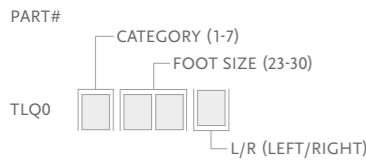
- Includes:
- Foot Module
 - Achilles Strap
 - Tarsal Core
 - Attachment Hardware
 - Male Pyramid

TALUX WITHOUT ADAPTER

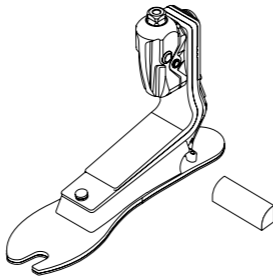
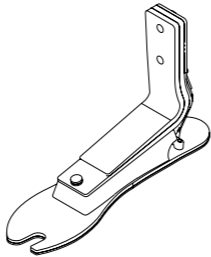
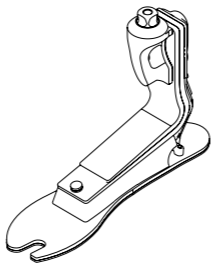


- Includes:
- Foot Module
 - Achilles Strap
 - Tarsal Core
 - Attachment Hardware

TALUX WITH QUICK-ALIGN™



- Includes:
- Foot Module
 - Achilles Strap
 - Tarsal Core
 - Attachment Hardware
 - Quick-Align™ Adapter



TALUX®

KITS

MALE PYRAMID ADAPTER KITS

Part#	Weight		Cat.
FFC2210003	180g	6.3oz	1-6
FFC2210004	220g	7.8oz	7-8

- Includes:
- Pyramid
 - Bolt Caps
 - Hardware (M8 or M10 bolts)
 - Loctite 410

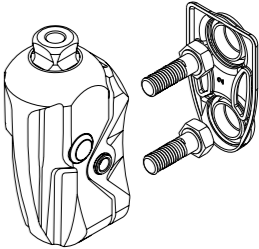
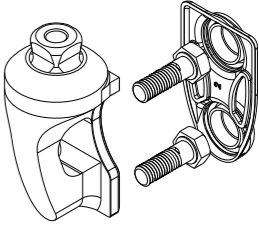
QUICK-ALIGN™ ADAPTER FOR TALUX

Manually adjustable heel height adapter that provides 8° of flexion, which translates to 30mm heel height range with a size 25 foot.

Heel height changes are easily made by the user, with an unlock button to enable adjustments and a lock button to fix the position again.

Retrofit Kit for Existing Foot Module, Part#	Cat.	Weight	
QAP12504	1-4	384g	13.5oz
QAP12505	5-6	384g	13.5oz
QAP12506	7	384g	13.5oz

- Includes:
- Hardware(M8 and M10 bolts)
 - Plastic bolt cap



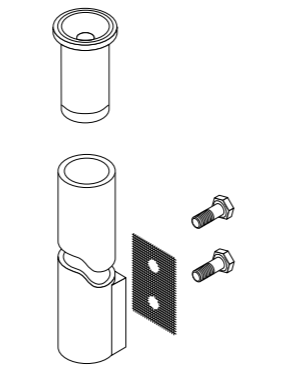
TALUX®

KITS

30MM (1 3/16") CARBON FIBER TUBE KIT

Part#	Weight		Length		Cat.
TLX01011	216g	7.6oz	229mm	9"	1-6
TLX01012	275g	9.7oz	229mm	9"	7-8
TLX01013	293g	10.3oz	381mm	15"	1-6
TLX01014	369g	13oz	381mm	15"	7-8

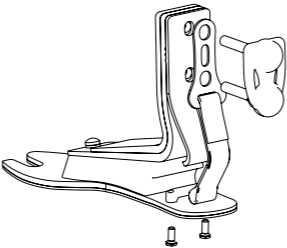
- Includes:
- Carbon Fiber Tube
 - Attachment Hardware (5/16" UNF bolts)
 - Friction Pads
 - Loctite
 - Tube Insert (cat. 7-8)



ACHILLES STRAP KITS

Part#	Cat.	Foot Size
TLX01002	1-6	23-26
TLX01003	1-6	27-28
TLX01004	7-8	23-26
TLX01005	7-8	27-30

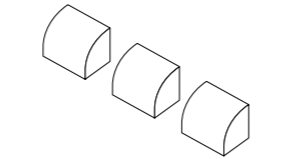
- Includes:
- Strap
 - Hanger
 - Pin
 - Bolts



HEEL WEDGE KIT

Part#	Description
TLX01001	Heel Wedge Kit

- Includes:
- 3 Wedges
 - Adhesive



TALUX®

COMPONENTS

TUBE INSERT

Part#	Weight		Diameter		Cat.
A-718009	18g	0.6oz	30mm	1 3/16"	7-8

Part#	Description
CM160016	Loctite 410 black

ATTACHMENT BOLTS FOR 30MM (1 3/16") TUBE

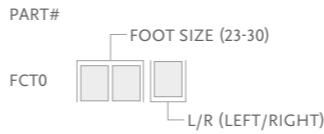
Part#	Cat.	Size	Length	
CM130219	1-6	24 x 5/16"	1 3/4"	
CM130213	7-9	24 x 3/8"	1 3/4"	

ATTACHMENT BOLTS FOR PYRAMID

Part#	Cat.	Size	Length	
CM130234	1-6	M8	35mm	1 3/8"
CM130223	7-8	M10	35mm	1 3/8"

COSMETIC FINISHING

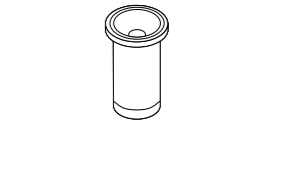
FOOT COVER KIT, BEIGE AND BROWN*



- Includes:
- Foot Cover
 - Attachment Plate
 - Flex-Foot Sock

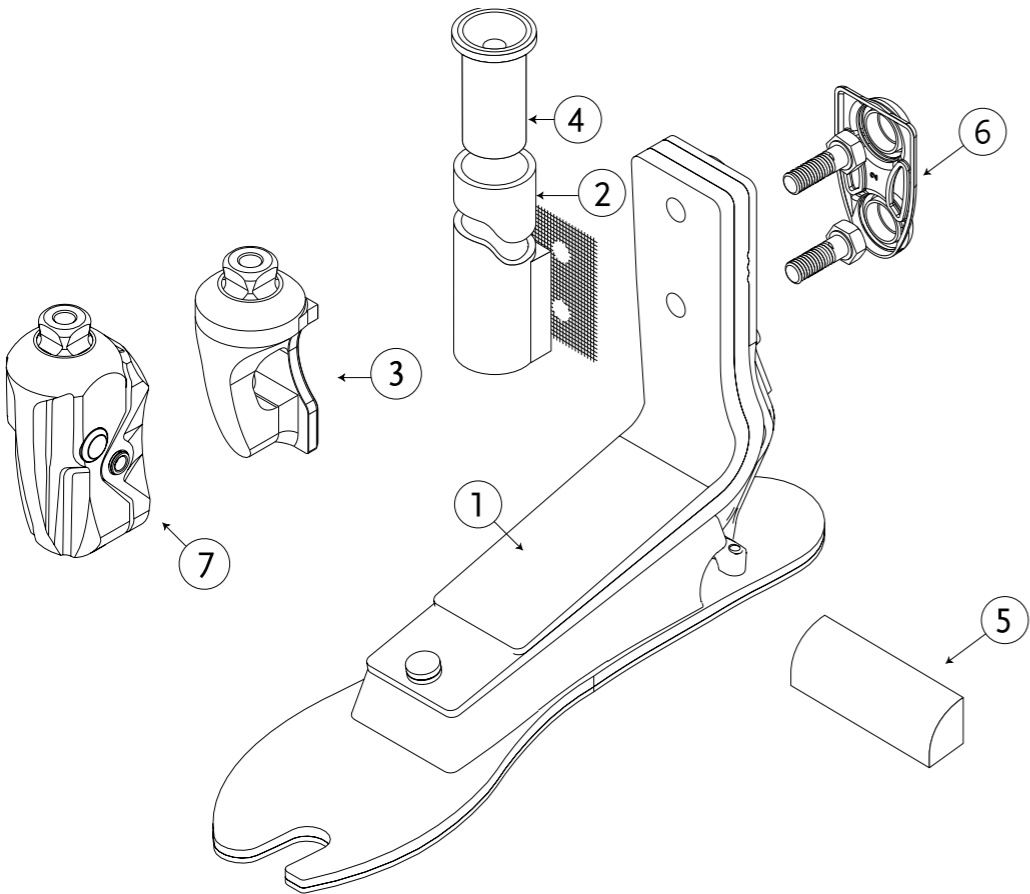
*Please specify when ordering brown covers add "BR" to the part#.

Part#	Description	Size
FCX63006	Flex-Foot Sock	22-25
FCX63007	Flex-Foot Sock	26-30



TALUX®

DIAGRAM



	Description
1	Foot Module
2	30mm Carbon Fiber Tube Kits
3	Bolt-On Male Pyramid
4	Tube Insert
5	Talux Wedge Kit
6	Plastic Cap
7	Quick-Align™ Adapter

PRO-FLEX®



Combining an incredible 27° ankle motion and significantly greater ankle power than a conventional carbon fiber foot, Pro-Flex has been developed specifically to enhance protection of the sound side. It closely mimics regular biomechanics, delivering a proven 11% reduction in load on the contralateral limb.

- 27° ankle motion
- Helps reduce load on contralateral limb by 11%
- Exceptional energy return
- Innovative pivot mechanism
- Aesthetically pleasing, anatomical footcover

Össur recommends using Pro-Flex in conjunction with the sleeveless vacuum suspension system Unity®, which adds minimal weight and no extra build height, and does not interfere with Pro-Flex dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilizing volume fluctuations and maintaining comfortable socket fit throughout the day.

User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to Moderate
Maximum Patient Weight:	125kg (275lbs)



WEATHERPROOF



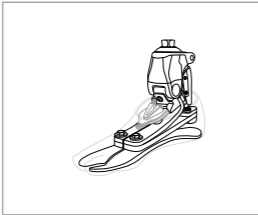
Foot Information	
Categories:	1-7
Sizes:	22-30
Weight of Foot: (Size 27, Cat. 5)	0.92kg (2.02lbs) w/ Foot Cover
Build Height: (Size 27)	155mm (6 1/8")
Heel Height:	10mm (3/8")
Adapter Options:	Male Pyramid

Unity System Information	
Maximum Vacuum:	-23inHg (-600mmHg)
Normal Operating Pressure:	-16-20inHg
Added System Weight:	75g (0.17lbs) w/ Pump, Socket Valve and Tube

PRO-FLEX®

ORDERING INFORMATION

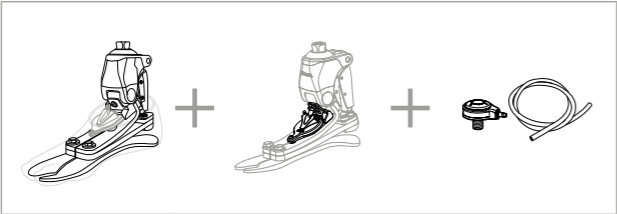
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

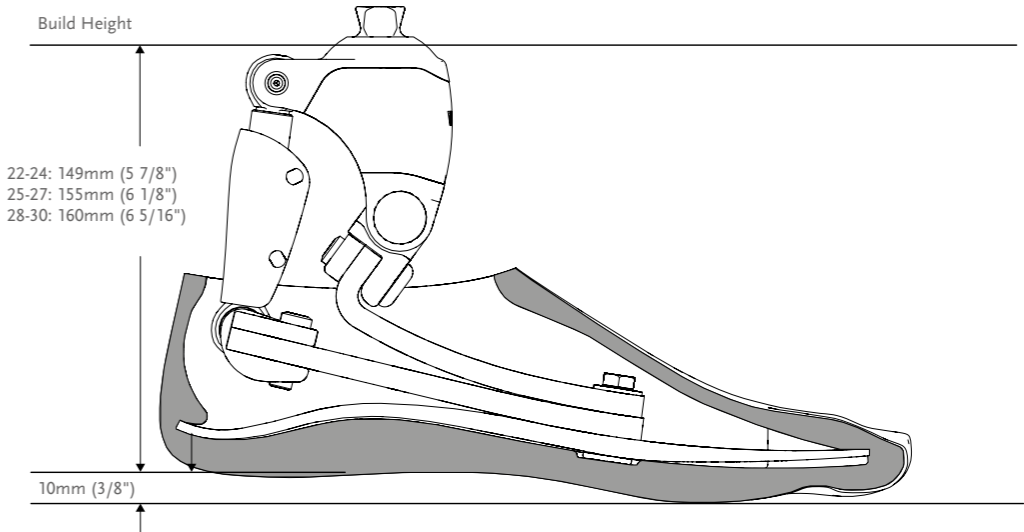


CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-125
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-275
Low Impact Category								
Sizes 22	1	1	2	3	4	N/A	N/A	N/A
Sizes 23-24	1	1	2	3	4	5	N/A	N/A
Sizes 25-26	2	2	2	3	4	5	6	7
Sizes 27-28	N/A	N/A	N/A	3	4	5	6	7
Sizes 29-30	N/A	N/A	N/A	N/A	4	5	6	7
Moderate Impact Category								
Sizes 22	1	2	3	4	N/A	N/A	N/A	N/A
Sizes 23-24	1	2	3	4	5	N/A	N/A	N/A
Sizes 25-26	2	2	3	4	5	6	7	N/A
Sizes 27-28	N/A	N/A	3	4	5	6	7	N/A
Sizes 29-30	N/A	N/A	N/A	4	5	6	7	N/A

PRO-FLEX®

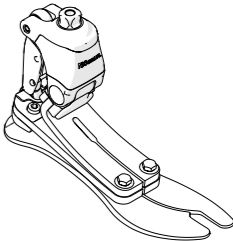
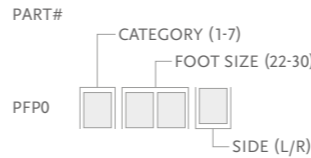
CLEARANCE



*Note: Pro-Flex with Unity has the same build height as Pro-Flex.

KITS

PRO-FLEX



- Includes:
- Foot Module
 - Removable Foot Cover* with a black Spectra Sock
- *For Pro-Flex with brown foot cover add a "BR" suffix to the part#.

PRO-FLEX®

UNITY

UNITY KITS

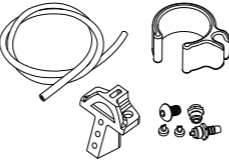
Picture	Part#	Description	Applicable Foot Kits
1	UPF0001	PFP Unity Pump S22-30	Pro-Flex Size 22-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All



UNITY SPARE COMPONENTS

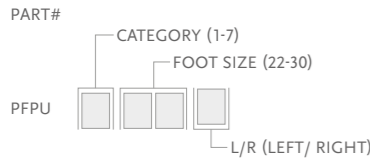
Part#	Description
UPF00011	Unity PFP Components 22-30

- Includes:
- Bumper
 - Membrane
 - Mounting Screws
 - Loctite



FOOT KITS APPLICABLE WITH UNITY

PRO-FLEX



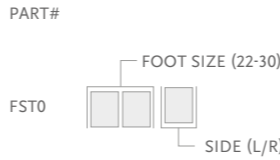
- Includes:
- Foot Module
 - Removable Foot Cover* with a black Spectra Sock

*For Pro-Flex with brown foot cover add a "BR" suffix to the part# Note: Unity will come preassembled on the foot if ordered with PFPU

PRO-FLEX®

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*



- Includes:
- Footcover
 - Footcover Attachment
 - Black Spectra Sock

*Note: Please specify when ordering brown covers, add "BR" to the part#.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



PRO-FLEX® XC



Pro-Flex XC has been developed to comfortably accommodate the relatively active user, who enjoys hiking and jogging, as well as level-ground walking. Comes with an aesthetically pleasing, anatomical footcover and integrated male pyramid.

Unity for Pro-Flex XC is available either pre-fit with a new foot or as a retrofit option. Used in combination with Iceross® Seal-In® liners, Unity provides advanced vacuum suspension for the socket during ambulation, without the constraints of an external sleeve. It adds minimal weight to the existing prosthesis and its simple mechanical design means there are no batteries to worry about. Reliable, effective and easy to use, it is designed to improve balance and prevent skin problems.

UNITY
COMPATIBLE



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)

PROPORTIONAL
RESPONSE

CARBON-X®
ACTIVE HEEL

FULL LENGTH
TOE LEVER

ACTIVE TIBIAL
PROGRESSION

SPLIT TOE

SANDAL TOE

WEATHERPROOF

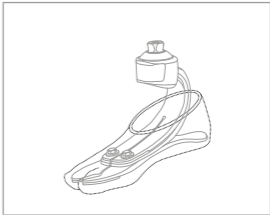
Foot Information	
Categories:	1-9
Size:	22-30
Weight of Foot: (Size 27)	0.67kg (1.47 lbs) w/ Foot Cover and Sock
Build Height: (Size 27)	155mm (6 1/8") w/ Male Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Male Pyramid

Unity System Information	
Maximum Vacuum:	-23inHg (-600mmHg)
Normal Operating Pressure:	-16-20inHg
Added System Weight:	91g (0.20 lbs) w/ Pump, Socket Valve and Tube

PRO-FLEX® XC

ORDERING INFORMATION

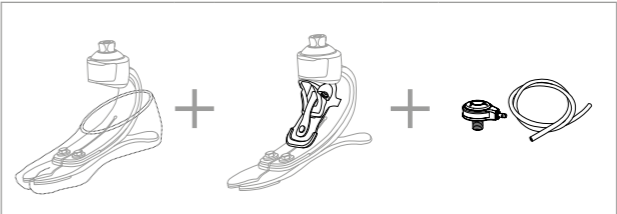
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

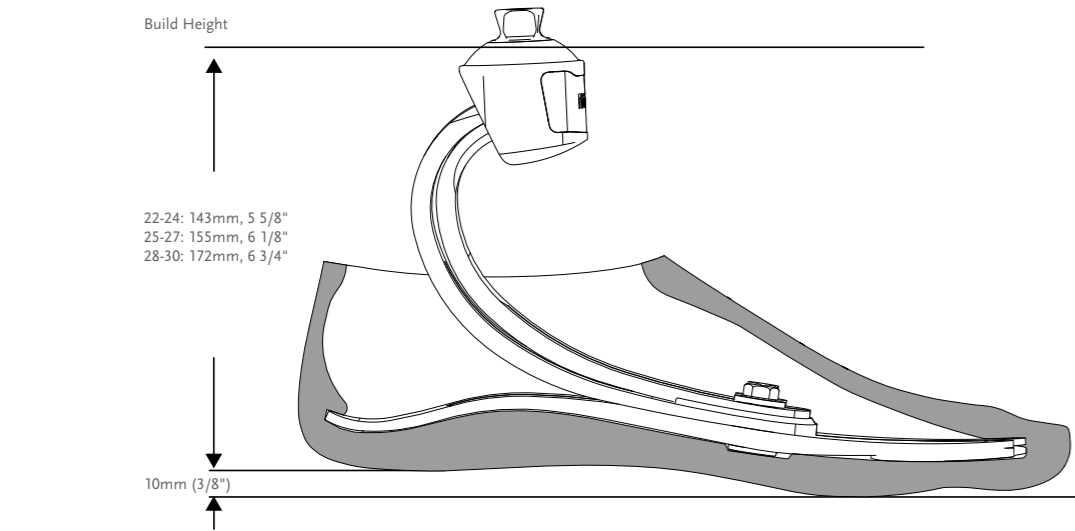


CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324	325-365
Low Impact Category										
Sizes 22-24	1	1	2	3	4	5	6	N/A	N/A	N/A
Sizes 25-27	1	1	2	3	4	5	6	7	8	9
Sizes 28-30	3	3	3	3	4	5	6	7	8	9
Moderate Impact Category										
Sizes 22-24	1	2	3	4	5	6	N/A	N/A	N/A	N/A
Sizes 25-27	1	2	3	4	5	6	7	8	9	N/A
Sizes 28-30	3	3	3	4	5	6	7	8	9	N/A
High Impact Category										
Sizes 22-24	2	3	4	5	6	N/A	N/A	N/A	N/A	N/A
Sizes 25-27	2	3	4	5	6	7	8	9	N/A	N/A
Sizes 28-30	3	3	4	5	6	7	8	9	N/A	N/A

PRO-FLEX® XC

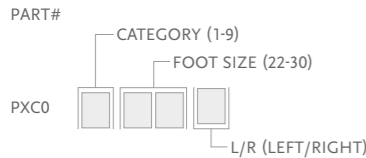
CLEARANCE



*Note: Pro-Flex XC with Unity has the same build height as Pro-Flex XC.

KITS

PRO-FLEX XC WITH MALE PYRAMID



- Includes:
- Foot Module
 - Removable Foot Cover* with a black Spectra Sock

*For Pro-Flex XC with brown foot cover add a "BR" suffix to the part#.



PRO-FLEX® XC

UNITY

UNITY KITS

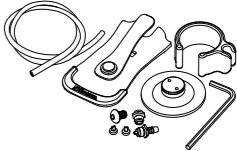
Picture	Part#	Description	Applicable Foot Kits
1	UPC0024	PXC Unity pump S22-24	Pro-Flex XC Size 22-24
1	UPC0027	PXC Unity pump S25-27	Pro-Flex XC Size 25-27
1	UPC0030	PXC Unity pump S28-30	Pro-Flex XC Size 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All



UNITY SPARE COMPONENTS

Part#	Description
UPC00021	PXC Unity Components S22-24
UPC00022	PXC Unity Components S25-27
UPC00023	PXC Unity Components S28-30

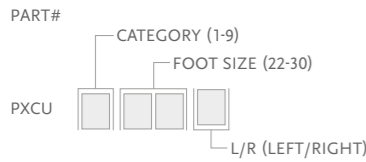
- Includes:
- Pump Blade
 - Membrane
 - Barb Fittings
 - Check valves
 - Mounting Screw
 - Tube
 - Loctite
 - Hex key



PRO-FLEX® XC

FOOT KITS APPLICABLE WITH UNITY

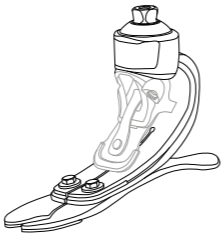
PRO-FLEX XC WITH MALE PYRAMID



- Includes:
- Foot Module
 - Removable Foot Cover* with a black Spectra Sock

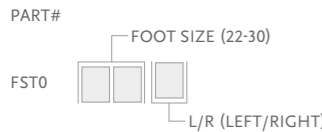
*For Pro-Flex XC with brown foot cover add a "BR" suffix to the part#.

Note: Unity will come preassembled on the foot if ordered with PXCU.



COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*



- Includes:
- Foot Cover*
 - Foot Cover Attachment
 - Black Spectra Sock

*Note: Please specify when ordering brown covers, add "BR" to the part#.



FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



PRO-FLEX® XC TORSION



Pro-Flex XC has been developed to comfortably support the active user who enjoys hiking and jogging, as well as level-ground walking.

Pro-Flex XC Torsion combines the Pro-Flex XC features of energy return and smooth roll-over, with valuable shock absorption and rotational capabilities. The sole blade offers a effective full-length toe, and a wider foot blade than traditional feet.

The foot is ideal for active users who want to use a single, lightweight foot for their normal daily life, as well as a range of higher impact activities.

Less load and more dynamics means that amputees can enjoy greater comfort in a wide range of activities. The well-designed and lightweight anatomical foot cover features a steady-grip sole for barefoot stability on wet or slick surfaces, and a sandal-clamping toe for a range of footwear including flip flops.

Össur recommends using Pro-Flex XC Torsion together with the Unity sleeveless vacuum suspension system. This adds minimal weight, no extra build height, and does not interfere with the Pro-Flex XC Torsion dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilizing volume fluctuations and maintaining comfortable socket fit throughout the day.

User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	147kg (324lbs)

PROPORTIONAL RESPONSE

CARBON-X® ACTIVE HEEL

FULL LENGTH TOE LEVER

ACTIVE TIBIAL PROGRESSION

VERTICAL SHOCK PYLON

ROTATION

SPLIT TOE

SANDAL TOE

WEATHERPROOF

UNITY
COMPATIBLE



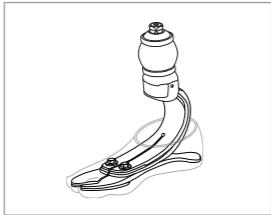
Foot Information	
Categories:	1-8
Size:	22-30
Weight of Foot: (Size 27, cat5)	1.035kg (2.28lbs) w/ Foot Cover and Sock
Build Height: (Size 27)	222mm (8 3/4") w/ Male Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Male Pyramid

Unity System Information	
Maximum Vacuum:	-23inHg (-600mmHg)
Normal Operating Pressure:	-16-20inHg
Added System Weight:	91g (0.20 lbs) w/ Pump, Socket Valve and Tube

PRO-FLEX® XC TORSION

ORDERING INFORMATION

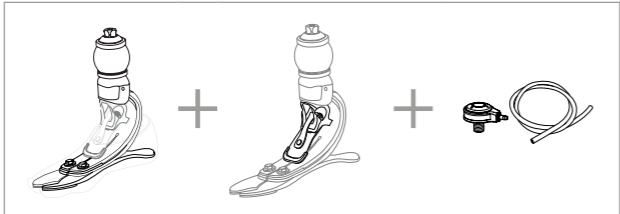
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

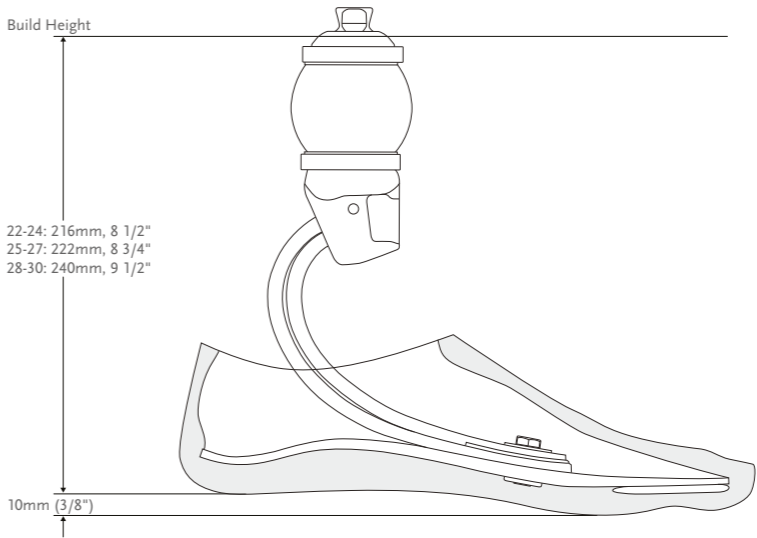


CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	222-256	257-287	288-324
Low Impact Category									
Size 22-24	1	1	2	3	4	5	6	N/A	N/A
Size 25-27	1	1	2	3	4	5	6	7	8
Size 28-30	3	3	3	3	4	5	6	7	8
Moderate Impact Category									
Size 22-24	1	2	3	4	5	6	N/A	N/A	N/A
Size 25-27	1	2	3	4	5	6	7	8	N/A
Size 28-30	3	3	3	4	5	6	7	8	N/A
High Impact Category									
Size 22-24	2	3	4	5	6	N/A	N/A	N/A	N/A
Size 25-27	2	3	4	5	6	7	8	N/A	N/A
Size 28-30	3	3	4	5	6	7	8	N/A	N/A

PRO-FLEX® XC TORSION

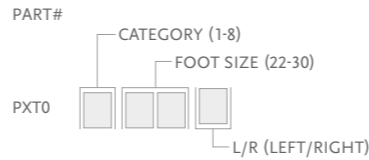
CLEARANCE



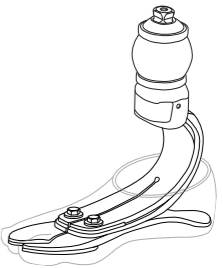
*Note: Pro-Flex XC Torsion with Unity has the same build height as Pro-Flex XC Torsion.

KITS

PRO-FLEX XC TORSION WITH MALE PYRAMID



- Includes:
- Foot Module
 - Removable Foot Cover* with a black Spectra Sock
- *When ordering brown covers, add "BR" to the end of the part number.



PRO-FLEX® XC TORSION

UNITY

UNITY KITS

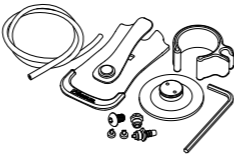
Picture	Part#	Description	Applicable Foot Kits
1	UPC0024	PXC Unity pump S22-24	Pro-flex XC/ XC Torsion 22-24
1	UPC0027	PXC Unity pump S25-27	Pro-flex XC/ XC Torsion 25-27
1	UPC0030	PXC Unity pump S28-30	Pro-flex XC/ XC Torsion 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All



UNITY SPARE COMPONENTS

Part#	Description
UPC00021	PXC Unity Components S22-24
UPC00022	PXC Unity Components S25-27
UPC00023	PXC Unity Components S28-30

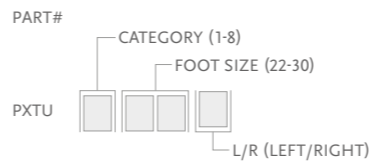
- Includes:
- Pump Blade
 - Membrane
 - Barb Fittings
 - Check valves
 - Mounting Screw
 - Tube
 - Loctite
 - Hex key



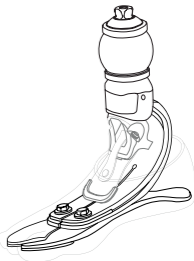
PRO-FLEX® XC TORSION

FOOT KITS APPLICABLE WITH UNITY

PRO-FLEX XC TORSION WITH MALE PYRAMID

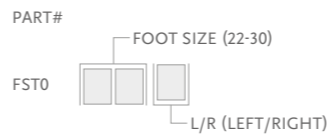


- Includes:
- Foot Module
 - Removable Foot Cover* with a black Spectra Sock
- *For Pro-Flex XC with brown foot cover add a "BR" suffix to the part#.
- Note: Unity will come preassembled on the foot if ordered with PXTU.



COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*



- Includes:
- Foot Cover*
 - Foot Cover Attachment
 - Black Spectra Sock

*Note: Please specify when ordering brown covers, add "BR" to the part#.



FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



PRO-FLEX® LP

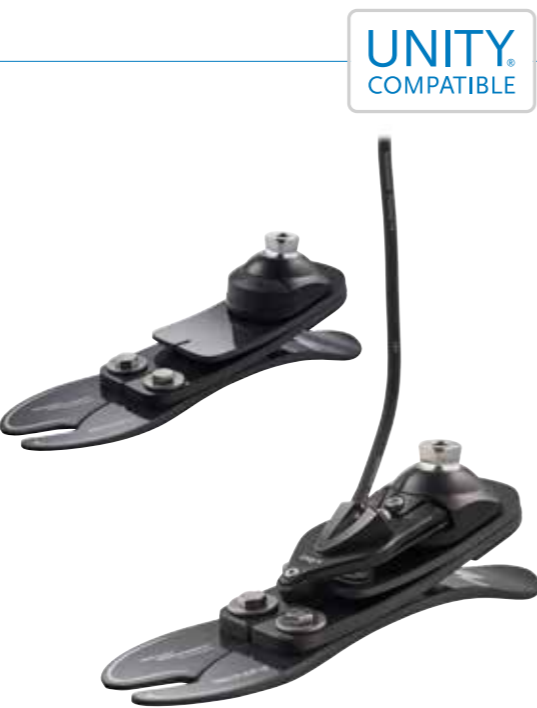


A good level of ankle power, energy return and overall dynamics has often eluded people with longer residual limbs. Pro-Flex LP has been specially designed to counter those issues and to provide exceptionally smooth rollover.

Pro-Flex LP offers a high degree of ankle motion and a significant improvement on conventional low profile carbon fiber feet. It also incorporates a full-effective toe length and new 'reverse tapered' technology, allowing for greater dorsi-flexion.

Less load and more dynamics means that amputees with a longer limb can enjoy greater comfort for a wide range of activities. The well-designed and lightweight anatomical foot cover features a steady-grip sole for barefoot stability on wet or slick surfaces and a sandal-clamping toe for a range of footwear including flipflops.

Össur recommends using Pro-Flex LP in conjunction with the sleeveless vacuum suspension system Unity, which adds minimal weight and no extra build height, and does not interfere with Pro-Flex LP dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilizing volume fluctuations and maintaining comfortable socket fit throughout the day.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)



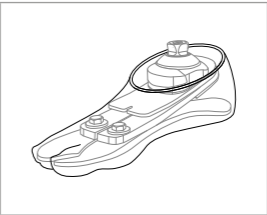
Foot Information	
Categories:	1-9
Size:	22-30
Weight of Foot: (Size 27)	0.646kg (1.42 lbs) w/ Foot Cover and Sock
Build Height: (Size 27)	73mm (2 7/8") w/ Male Pyramid and Foot Cover
Heel Height:	10 mm (3/8")
Adapter Options:	Male Pyramid

Unity System Information	
Maximum Vacuum:	-23inHg (-600mmHg)
Normal Operating Pressure:	-16-20inHg
Added System Weight:	75g (0.17 lbs) w/ Pump, Socket Valve and Tube

PRO-FLEX® LP

ORDERING INFORMATION

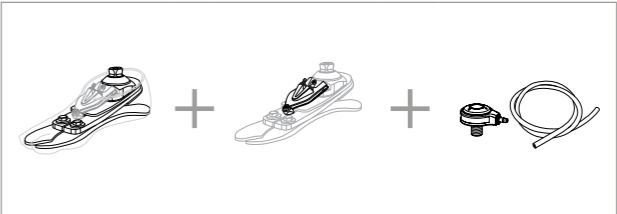
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

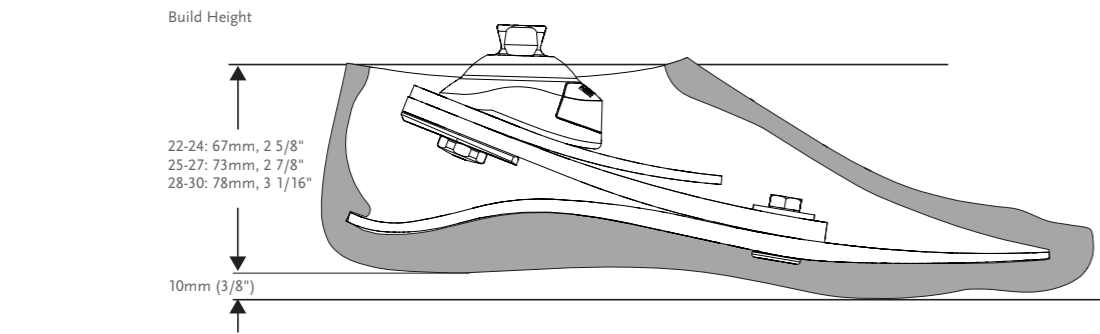


CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324	325-365
Low Impact Category										
Sizes 22-24	1	1	2	3	4	5	N/A	N/A	N/A	N/A
Sizes 25-27	1	1	2	3	4	5	6	7	8	9
Sizes 28-30	3	3	3	3	4	5	6	7	8	9
Moderate Impact Category										
Sizes 22-24	1	2	3	4	5	N/A	N/A	N/A	N/A	N/A
Sizes 25-27	1	2	3	4	5	6	7	8	9	N/A
Sizes 28-30	3	3	3	4	5	6	7	8	9	N/A
High Impact Category										
Sizes 22-24	2	3	4	5	N/A	N/A	N/A	N/A	N/A	N/A
Sizes 25-27	2	3	4	5	6	7	8	9	N/A	N/A
Sizes 28-30	3	3	4	5	6	7	8	9	N/A	N/A

PRO-FLEX® LP

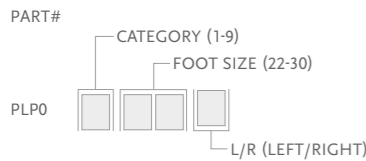
CLEARANCE



*Note: Pro-Flex LP with Unity has the same build height as Pro-Flex LP.

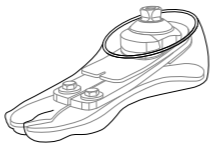
KITS

PRO-FLEX LP WITH MALE PYRAMID



- Includes:
- Foot Module
 - Removable Foot Cover* with a black Spectra Sock

*For Pro-Flex LP with brown foot cover add a "BR" suffix to the part#.



UNITY

UNITY KITS

Picture	Part#	Description	Applicable Foot Kits
1	UPL0024	PLP Unity Pump S22-24	Pro-Flex LP Size 22-24
1	UPL0030	PLP Unity Pump S25-27	Pro-Flex LP Size 25-27
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All

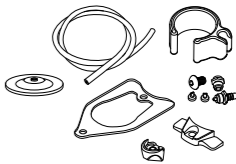


PRO-FLEX® LP

UNITY SPARE COMPONENTS

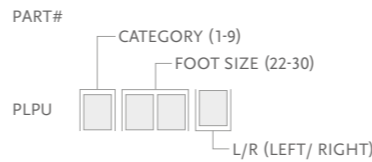
Part#	Description
UPL00021	Unity PLP Components 22-24
UPL00022	Unity PLP Components 25-30

- Includes:
- Bumper
 - Spring Blade
 - Membrane
 - Mounting Piece
 - Screws
 - Tube
 - Clamp
 - Check Valves
 - Unity Outlet Port
 - Unity Inlet Port

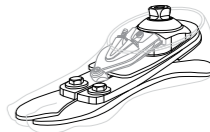


FOOT KITS APPLICABLE WITH UNITY

PRO-FLEX LP



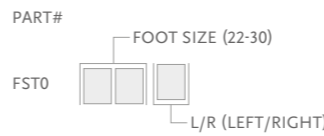
- Includes:
- Foot Module
 - Removable Foot Cover* with a black Spectra Sock



*For Pro-Flex LP with brown foot cover add a "BR" suffix to the part# Note: Unity will come preassembled on the foot if ordered with PLPU

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*



- Includes:
- Foot Cover*
 - Foot Cover Attachment
 - Black Spectra Sock

*Note: Please specify when ordering brown covers, add "BR" to the part#.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



PRO-FLEX® LP TORSION



This compact energy-storing foot offers rotational shock absorption designed to reduce shear forces on the residual limb. The torsion module is combined with the Pro-Flex LP foot module, delivering a level of ankle power, energy return, and overall dynamics, which have often eluded people with longer residual limbs. Pro-Flex LP Torsion has been specially designed to deliver these benefits, in addition to providing exceptionally smooth rollover. The torsion-shock unit compensates for physiological rotation and vertical shock absorption of lost joints, delivering more comfort for the end user, and less stress on the residual limb.

The Pro-Flex LP Torsion offers a high degree of ankle motion; a significant improvement in relation to conventional low-profile carbon fiber feet. It incorporates an effective full-length toe, and new ‘reverse tapered’ technology, allowing for greater dorsi-flexion.

Less load and more dynamics means that amputees with a longer limb can enjoy greater comfort in a wide range of activities. The well-designed and lightweight anatomical foot cover features a steady-grip sole for barefoot stability on wet or slick surfaces, and a sandal-clamping toe for a range of footwear including flip flops.

Össur recommends using the Pro-Flex LP Torsion together with the Unity sleeveless vacuum suspension system. This adds minimal weight, no extra build height, and does not interfere with the Pro-Flex LP Torsion dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilizing volume fluctuations and maintaining comfortable socket fit throughout the day.



UNITY
COMPATIBLE

User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	147kg (324lbs)

PROPORTIONAL RESPONSE

CARBON-X® ACTIVE HEEL

FULL LENGTH TOE LEVER

ACTIVE TIBIAL PROGRESSION

VERTICAL SHOCK PYLON

ROTATION

SPLIT TOE

SANDAL TOE

WEATHERPROOF

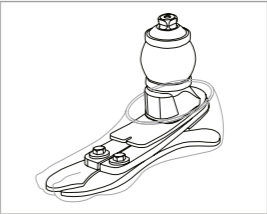
Foot Information	
Categories:	1-8
Size:	22-30
Weight of Foot: (Size 27)	0.96kg / 2.11lbs w/ Foot Cover and Sock
Build Height: (Size 27)	147mm / 5 25/32" / Male Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Male Pyramid

Unity System Information	
Maximum Vacuum:	-23inHg (-600mmHg)
Normal Operating Pressure:	-16-20inHg
Added System Weight:	75g (0.17lbs) w/ Pump, Socket Valve and Tube

PRO-FLEX® LP TORSION

ORDERING INFORMATION

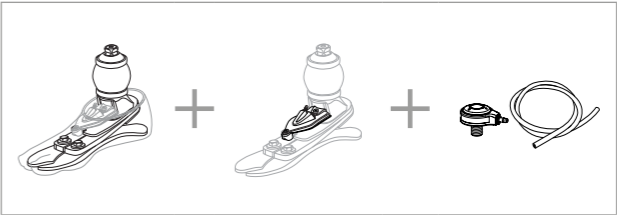
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

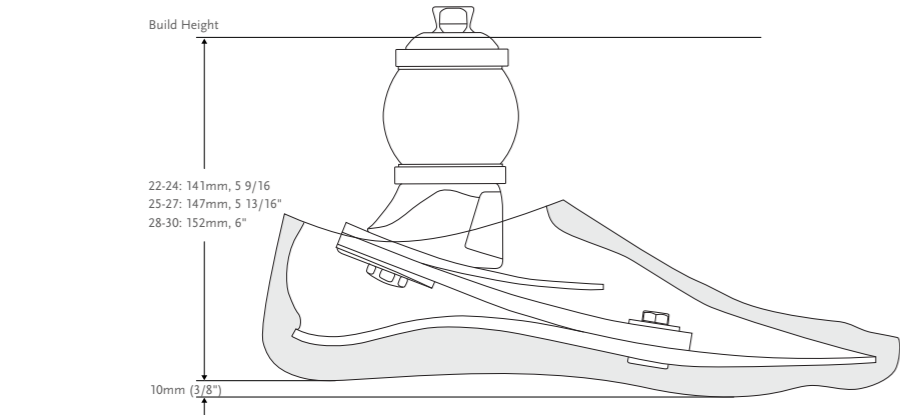


CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324
Low Impact Category									
Size 22-24	1	1	2	3	4	5	N/A	N/A	N/A
Size 25-27	1	1	2	3	4	5	6	7	8
Size 28-30	3	3	3	3	4	5	6	7	8
Moderate Impact Category									
Size 22-24	1	2	3	4	5	N/A	N/A	N/A	N/A
Size 25-27	1	2	3	4	5	6	7	8	N/A
Size 28-30	3	3	3	4	5	6	7	8	N/A
High Impact Category									
Size 22-24	2	3	4	5	N/A	N/A	N/A	N/A	N/A
Size 25-27	2	3	4	5	6	7	8	N/A	N/A
Size 28-30	3	3	4	5	6	7	8	N/A	N/A

PRO-FLEX® LP TORSION

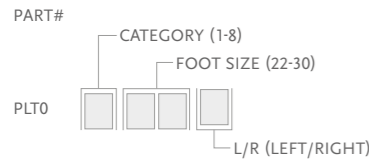
CLEARANCE



*Note: Pro-Flex LP Torsion with Unity has the same build height as Pro-Flex LP Torsion.

KITS

PRO-FLEX LP TORSION WITH MALE PYRAMID



- Includes:
- Foot Module
 - Removable Foot Cover* with a black Spectra Sock

*For Pro-Flex LP Torsion with brown foot cover add a "BR" suffix to the part#.



UNITY

UNITY KITS

Picture	Part#	Description	Applicable Foot Kits
1	UPL0024	PLP Unity Pump S22-24	Pro-Flex LP Torsion 22-24
1	UPL0030	PLP Unity Pump S25-27 cat.1-5	Pro-Flex LP Torsion 25-27 cat.1-5
1	UPL0930	PLP Unity Pump S25-27 cat.6-8 & S28-30 (All categories)	Pro-Flex LP Torsion 25-27 cat.6-8 & 28-30 (All categories)
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All

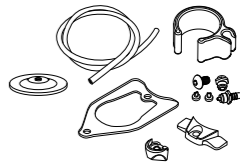


PRO-FLEX® LP TORSION

UNITY SPARE COMPONENTS

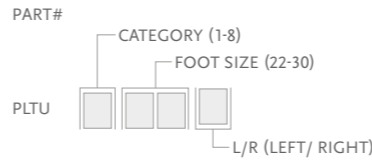
Part#	Description
UPL00021	Unity PLP Components 22-24
UPL00022	Unity PLP Components 25-27 cat.1-5
UPL00023	Unity PLP Components 25-27 cat.6-9 & 28-30

- Includes:
- Bumper
 - Spring Blade
 - Membrane
 - Mounting Piece
 - Screws
 - Tube
 - Clamp
 - Check Valves
 - Unity Outlet Port
 - Unity Inlet Port



FOOT KITS APPLICABLE WITH UNITY

PRO-FLEX LP TORSION



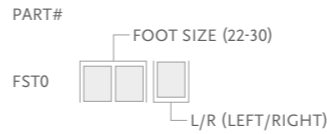
- Includes:
- Foot Module
 - Removable Foot Cover* with a black Spectra Sock

*For Pro-Flex LP with brown foot cover add a "BR" suffix to the part# Note: Unity will come preassembled on the foot if ordered with PLTU



COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*



- Includes:
- Foot Cover*
 - Foot Cover Attachment
 - Black Spectra Sock

*Note: Please specify when ordering brown covers, add "BR" to the part#.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



PRO-FLEX® LP ALIGN



Pro-Flex LP Align combines functionality, comfort and aesthetic design. It allows users the freedom to choose footwear that best suits their activities, without having to compromise alignment, posture, dynamics or functionality. The heel height adjustment feature is quick and easy to use.

The lightweight anatomical foot cover features a steady-grip sole for barefoot stability on wet or slick surfaces and a sandal toe to accommodate a range of footwear. The spaced sandal toe easily clamps onto sandals and flip-flops held by the toe.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to Moderate
Maximum Patient Weight:	116kg /256lbs (Low Impact) 100kg / 220lbs (Moderate Impact)

PROPORTIONAL RESPONSE

SANDAL TOE

FULL LENGTH TOE LEVER

HEEL HEIGHT ADJUSTABILITY

SPLIT TOE

WEATHERPROOF

Foot Information	
Categories:	1-6
Size:	22-28
Weight of Foot: (Size 24/27)	0.703kg/0.911kg (155lbs/2.01lbs) w/ Foot Cover and Sock
Build Height: (Size 24/27)	116mm/132mm (4 9/16"/5 13/64") w/ footcover and Sock
Heel Height:	Up to 7cm (2.76")
Adapter Options:	Male Pyramid

ORDERING INFORMATION FOR COMPLETE FOOT
SELECTION CHART FOR PRODUCT VARIANTS

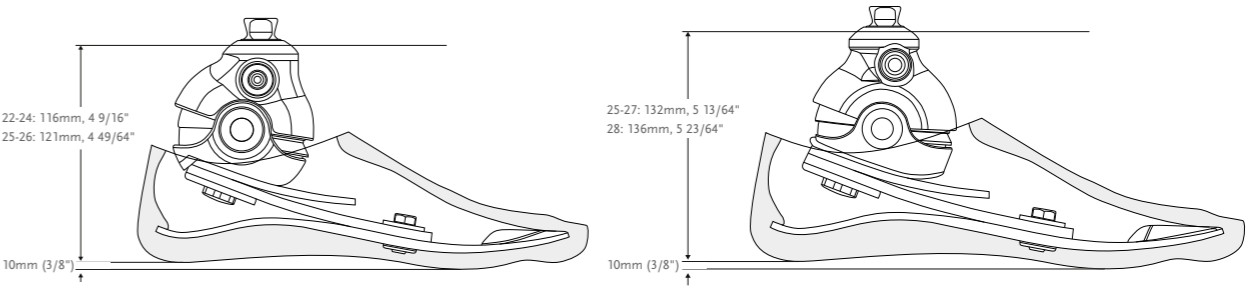
Category	1	2	3	4	5	6
Size 22	Small housing FSF Foot Cover Calf Cosmesis					N/A
Size 23						N/A
Size 24						N/A
Size 25						
Size 26						
Size 27	Standard housing FST Foot Cover No Calf Cosmesis					
Size 28						

PRO-FLEX® LP ALIGN

CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256
Low Impact Category							
Size 22-24	1	1	2	3	4	5	N/A
Size 25-27	1	1	2	3	4	5	6
Size 28	3	3	3	3	4	5	6
Moderate Impact Category							
Size 22-24	1	2	3	4	5	N/A	N/A
Size 25-27	1	2	3	4	5	6	N/A
Size 28	3	3	3	4	5	6	N/A

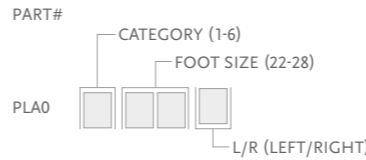
CLEARANCE



Note: There are two versions of the hydraulic housing, depending on size and category, see "Selection chart for product variants" above.

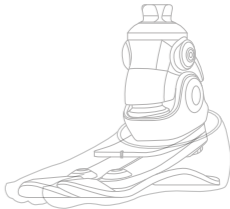
KITS

PRO-FLEX LP ALIGN WITH MALE PYRAMID



- Includes:
- Foot Module
 - Removable Foot Cover* with a black Spectra Sock

*For Pro-Flex LP Align with brown foot cover add a "BR" suffix to the part number.

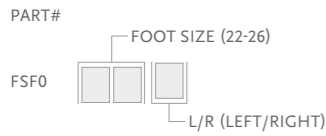


PRO-FLEX® LP ALIGN

REPLACEMENT PARTS

Please refer to “Selection chart for product variants” table for selection of foot covers

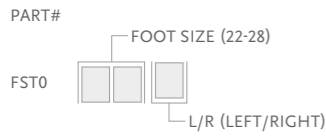
FSF - FOOT COVER KIT, BEIGE AND BROWN



- Includes:
- Foot Cover*
 - Black Spectra Sock



FST - FOOT COVER KIT, BEIGE AND BROWN



- Includes:
- Foot Cover
 - Foot Cover Attachment
 - Black Spectra Sock



*FST foot-cover can be fitted for sizes 22-26, however FSF is included in kit for size 22-26 (cat 1-5)
Note: For brown calf cosmesis, please add a “BR” suffix to the part number.

SPECTRA SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



SPACER KIT

Part#	Size	Category
PLA50005	22-24	1-5
PLA50006	25-26	6
	27-28	1-6
PLA50007	25-26	1-5

- Includes:
- Anterior Spacer
 - Anterior Spacer Wedge
 - Posterior Spacer
 - Wedge - tool to assist replacing Spacer



PRO-FLEX® LP ALIGN

CALF COSMESIS SELECTION CHART

Category	1	2	3	4	5	6
Size 22	Calf Cosmesis					N/A
Size 23						N/A
Size 24						N/A
Size 25						N/A
Size 26						N/A
Size 27	N/A	N/A	N/A	N/A	N/A	N/A
Size 28	N/A	N/A	N/A	N/A	N/A	N/A



CALF COSMESIS

Part#	Size
LSF024Nz	22-24 z=L/R
LSF026Nz	25-26 z=L/R

Note: For brown calf cosmesis, please add a “BR” suffix to the part number.

VARI-FLEX®



The Vari-Flex provides an exclusive combination of comfort and dynamics.

The Vari-Flex is light-weight, easy to assemble and has a slender profile which makes it easy to cosmetically cover.

For users it ensures the highest levels of confidence and security. Offering natural gait with less fatigue and ultimately less strain on the lower back and sound side, it is the ideal foot for any activity.

Unity for Vari-Flex is an ultra lightweight foot and elevated vacuum suspension system designed to stabilize volume fluctuations and improve socket fit. For the moderately to high active user who prefers a simple, robust and lightweight prosthesis, Unity for Vari-Flex and Seal-In technology combined provide secure suspension, volume management and great foot dynamics without the restricting effect of an external suspension sleeve.

UNITY
COMPATIBLE



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)

PROPORTIONAL RESPONSE

CARBON-X® ACTIVE HEEL

FULL LENGTH TOE LEVER

ACTIVE TIBIAL PROGRESSION

SPLIT TOE

WEATHERPROOF*

* Waterproof when used with carbon tube

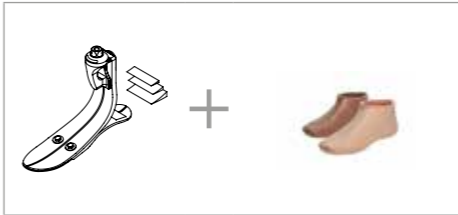
Foot Information	
Categories:	1-9
Sizes:	22-30
Weight of Foot: (Size 27)	0.594kg (21oz) w/ Pyramid and Foot Cover
Build Height: (Size 27)	170mm (6 3/4") w/ Pyramid and Foot Cover
Heel Height:	10mm and 19mm (3/8" and 3/4")
Adapter Options:	Fixed Male Pyramid, Quick-Align™ Male Pyramid or Carbon Tube

Unity System Information	
Maximum Vacuum:	-23inHg (-600mmHg)
Normal Operating Pressure:	-16-20inHg
Added System Weight:	130g w/ Pump, Socket Valve and Tube

VARI-FLEX®

ORDERING INFORMATION

FOR COMPLETE FOOT WITH MALE PYRAMID

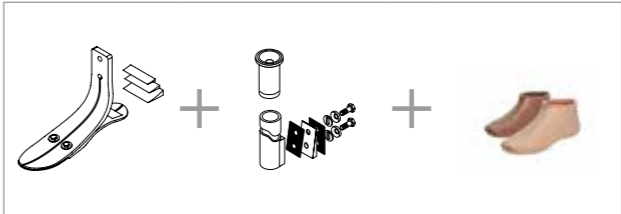


FOR COMPLETE FOOT WITH QUICK-ALIGN™



Note. Quick-Align maximum patient weight: 125kg (275lbs)

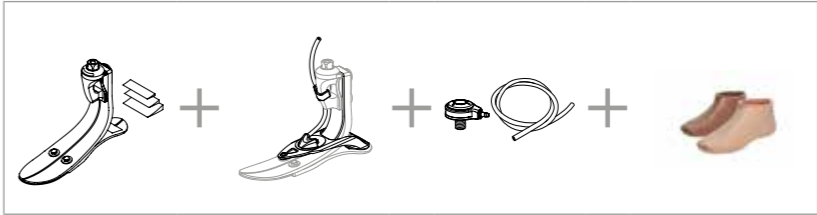
FOR COMPLETE FOOT WITH CARBON FIBER TUBE



Unity can be ordered with Vari-Flex. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection and item numbers please refer to Iceross Seal-In V and Seal-In® X TF pages.

FOR COMPLETE FOOT WITH UNITY

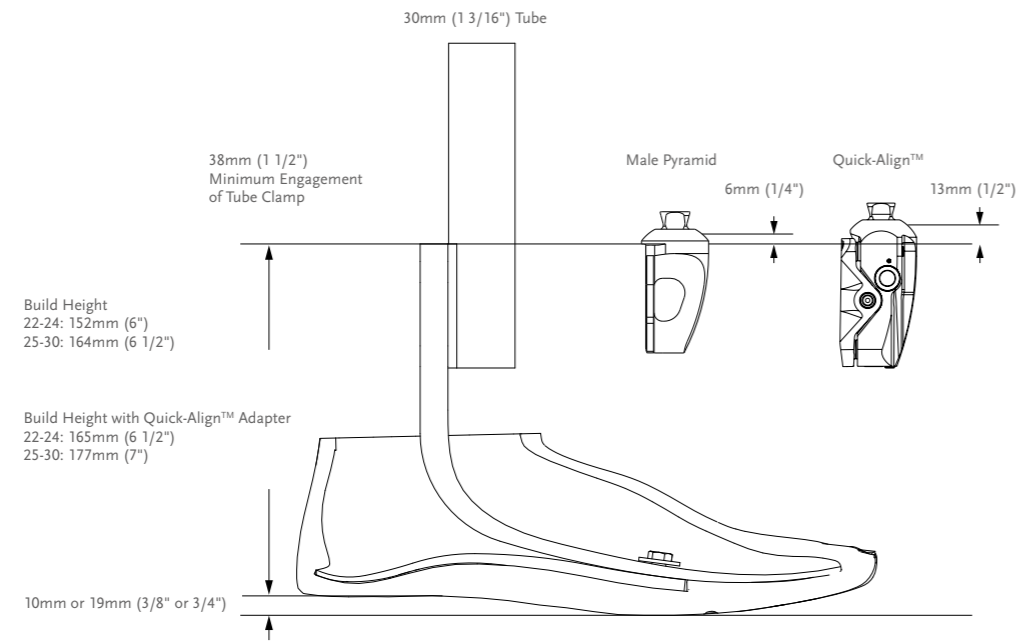


CATEGORY SELECTION CHART

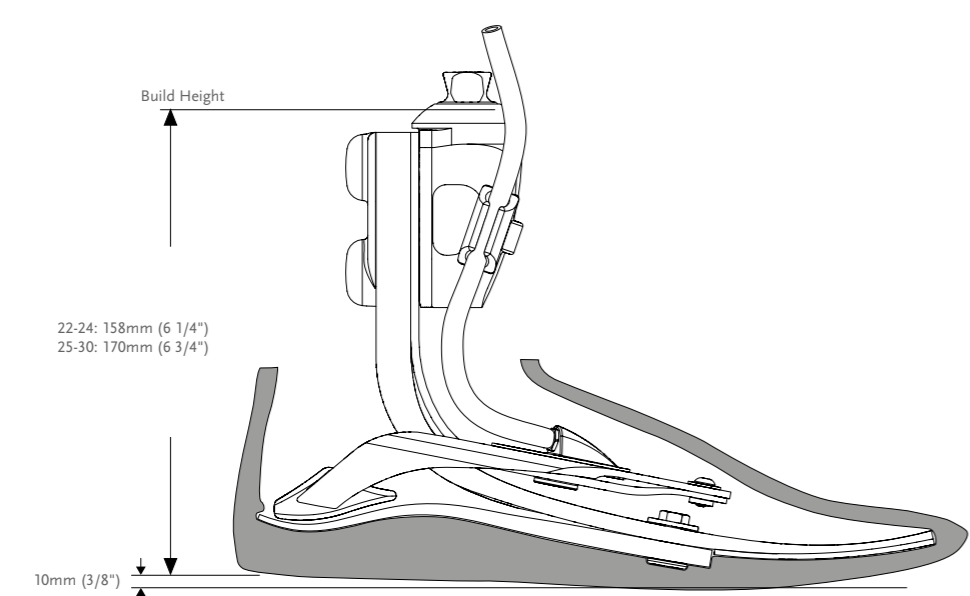
Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-221	222-256	257-287	288-324	325-365
Low Impact Level	1	1	2	3	4	5	6	7	8	9
Moderate Impact Level	1	2	3	4	5	6	7	8	9	N/A
High Impact Level	2	3	4	5	6	7	8	9	N/A	N/A

VARI-FLEX®

CLEARANCE



CLEARANCE WITH UNITY



VARI-FLEX®

KITS

VARI-FLEX MALE PYRAMID OPTION

PART#	CATEGORY (1-9)	FOOT SIZE (22-30)	HEEL HEIGHT
VFPE		0	10 MM (3/8")
PART#	CATEGORY (1-9)	FOOT SIZE (22-30)	
VFPE		2	19 MM (3/4")

Note: Solid toe, low and high heel are special orders.

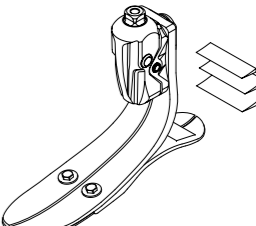
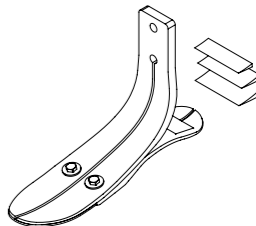
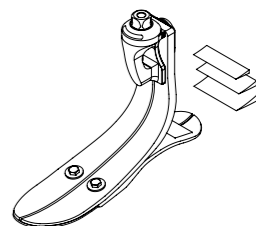
VARI-FLEX WITHOUT ADAPTER

PART#	CATEGORY (1-9)	FOOT SIZE (22-30)	HEEL HEIGHT
VFXE		0	10 MM (3/8")
PART#	CATEGORY (1-9)	FOOT SIZE (22-30)	
VFXE		2	19 MM (3/4")

Note: Solid toe, low and high heel are special orders.

VARI-FLEX WITH QUICK-ALIGN™

PART#	CATEGORY (1-7)	FOOT SIZE (23-30)
VFQE		0



VARI-FLEX®

MALE ADAPTERS

BOLT-ON MALE PYRAMID ADAPTER
Select according to category of foot module being utilized.

Part#	Cat.	Weight	
FFC2210001	1-6	175g	6.2oz
FFC2210002	7-9	205g	7.2oz

- Includes:
- Pyramid
 - Hardware (M8 or M10 bolts)
 - Plastic Bolt Cap
 - Loctite

ATTACHMENT BOLTS FOR PYRAMID

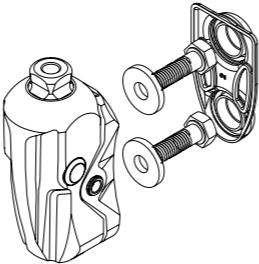
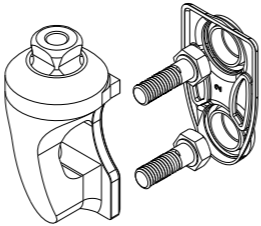
Part#	Cat.	Size	Length	
CM130234	1-6	M8	35mm	1 3/8"
CM130223	7-8	M10	35mm	1 3/8"

QUICK-ALIGN™ ADAPTER FOR VARI-FLEX
Manually adjustable heel height adapter that provides 8° of flexion, which translates to 30mm heel height range with a size 25 foot.

Heel height changes are easily made by the user, with an unlock button to enable adjustments and a lock button to fix the position again.

Retrofit Kit for Existing Foot Module, Part#	Cat.	Weight	
QAP12501	1-4	384g	13.5oz
QAP12502	5-6	384g	13.5oz
QAP12503	7	384g	13.5oz

- Includes:
- Hardware(M8 and M10 bolts)
 - Washers
 - Plastic bolt cap



VARI-FLEX®

TUBE KITS

30MM (1 3/16") CARBON FIBER TUBE KIT
Choose according to size and category of the foot module utilized.

Part#	Cat.	Size	Length		Hole Spacing		Weight	
VFX00003	1-6	22-30	229mm	9"	38mm	1 1/2"	216g	7.3oz
VFX00004	7-9	22-30	229mm	9"	38mm	1 1/2"	275g	9.7oz
VFX00006	1-6	22-30	381mm	15"	38mm	1 1/2"	293g	10.3oz
VFX00007	7-9	22-30	381mm	15"	38mm	1 1/2"	369g	13oz

- Includes:
- Alignment Wedges
 - Tube
 - Spherical Washers
 - Attachment Bolts and Hardware (5/16" UNF)
 - Friction Pads
 - Tube Insert (Cat.7-9)

TUBE INSERT FOR CATEGORY 7-9; 30MM (1 3/16")
Tube inserts provide the structural integrity necessary for higher category tubes.

Part#	Diameter		Weight	
A-718009	30mm	1 3/16"	18g	0.63oz

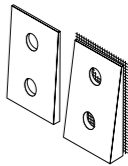
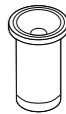
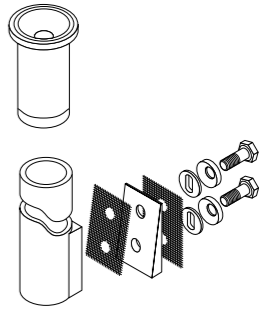
ALIGNMENT WEDGES FOR TUBE KIT (2 DEGREES AND 4 DEGREES)
Placed between the pylon and foot module, alignment wedges allow for plantarflexion and dorsiflexion of the foot without the use of modular components.

Part#	Cat.
CM150041	1-6
CM150042	7-9

- Includes:
- Wedges
 - Friction Pad
 - Loctite

ATTACHMENT BOLTS FOR 30MM (1 3/16") TUBE

Part#	Cat.	Size	Length
CM130219	1-6	5/16" x 24	1 3/4"
CM130213	7-9	3/8" x 24	1 3/4"



VARI-FLEX®

COMPONENTS

HEEL WEDGE KIT
For adjustment of heel stiffness and roll-over characteristics.

Part#	Foot Size
CM150006	22-27
CM150009	28-30

- Includes:
- 3 Wedges
 - Adhesive

HEEL DIVIDER
Heel dividers act to separate the edges of a split heel to reduce wear and noise between the composite elements.

Part#	Description
CM140003	Heel Divider

LOCTITE 410 BLACK

Part#	Description
CM160016	Loctite 410 black

TOOLS

KIT TEMPORARY SLOTTED WEDGE, CAT 1-9
Use for initial dynamic alignment of the prosthesis. These wedges are removed and replaced with definitive alignment wedges.

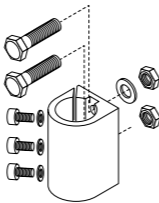
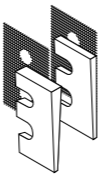
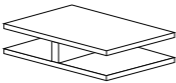
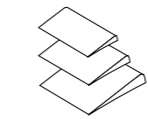
Part#	Cat.
CM100204	ALL

30MM (1 3/16") ALIGNMENT FITTING TOOL KIT
Used in conjunction with pre-cut carbon or Aluminum pylons to establish height of the prosthesis and alignment. Once height and alignment are established, the fixture can be replaced with a standard Flex-Foot® carbon fiber tube.

Part#	Cat.
VFX00008	ALL

- Includes:
- Attachment Hardware
 - Alignment Tool

Note: Alignment tool is solely meant for alignment purposes not definitive use.

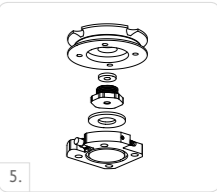


VARI-FLEX®

UNITY

UNITY KITS

Picture	Part#	Description	Applicable Foot Kits
1	UVF0024	Unity Pump Module VFX 22-24	Vari-Flex Std Size 22-24
1	UVF0027	Unity Pump Module VFX 25-27	Vari-Flex Std Size 25-27
1	UVF0030	Unity Pump Module VFX 28-30	Vari-Flex Std Size 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All



UNITY SPARE COMPONENTS

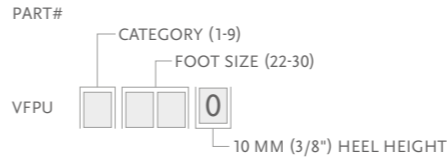
Part#	Description
UVF00021	Unity VF Components, 22-24
UVF00022	Unity VF Components, 25-30

- Includes:
- Membrane
 - Check valves
 - Barb fittings
 - Tube
 - Tube fastener
 - Heel pad



FOOT KITS APPLICABLE WITH UNITY

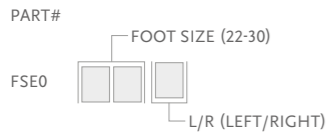
VARI-FLEX MALE PYRAMID OPTION



VARI-FLEX®

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*



- Includes:
- Foot Cover
 - Flex-Foot Sock
 - Foot Cover Attachment

*Please specify when ordering brown covers, add "BR" to the end of the part number.

FLEX-FOOT SOCKS

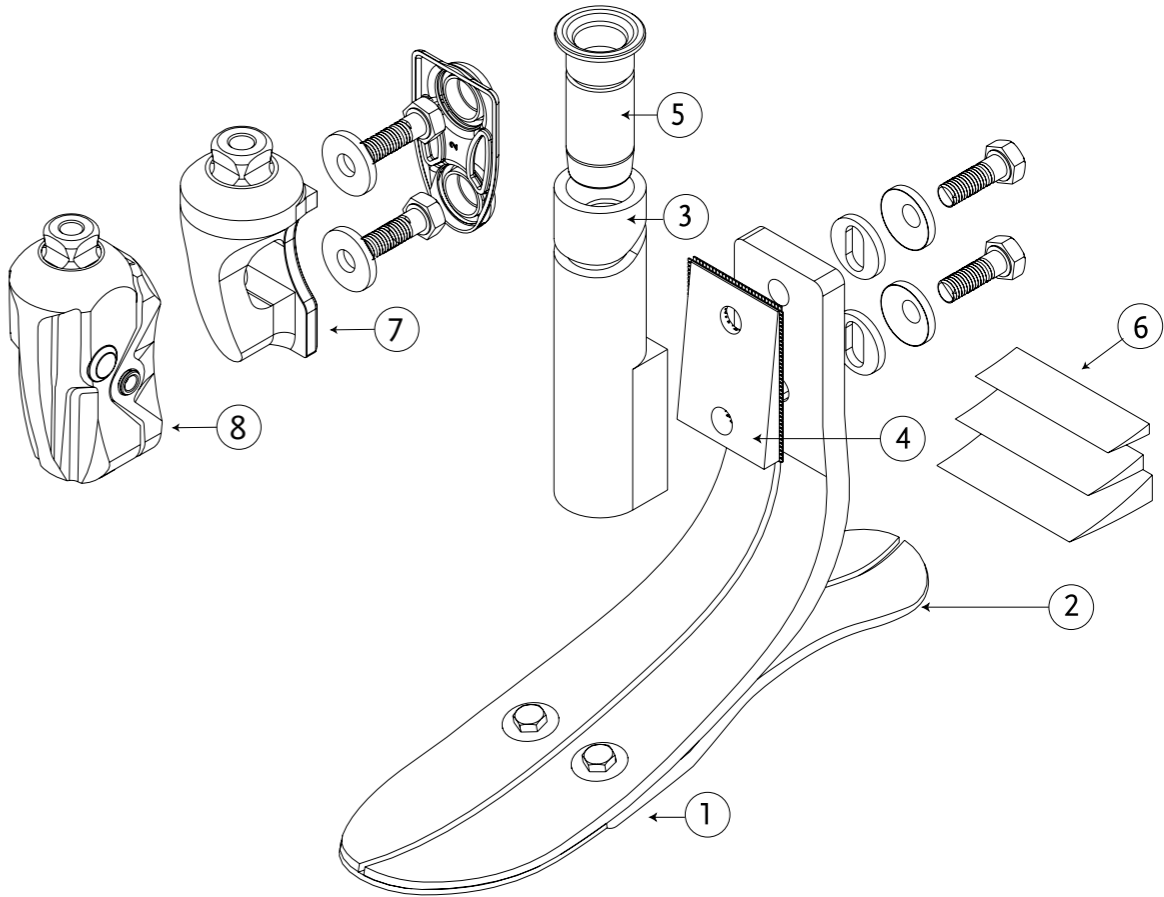
Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FSEL60001	Black Sock Small 1 pc	22-25	Black
FSEL60002	Black Sock Large 1 pc	26-30	Black
FSEL60001-15	Black Sock Small 15 pc	22-25	Black
FSEL60002-15	Black Sock Large 15 pc	26-30	Black



VARI-FLEX®

DIAGRAM



	Description
1	Foot Module
2	Heel
3	30mm Carbon Fiber Tube Kit
4	Alignment Wedges For Tube Kit
5	Tube Insert
6	Heel Wedge
7	Bolt-On Male Pyramid Adapter
8	Quick-Align™ Adapter

LP VARI-FLEX®



The LP Vari-Flex is designed for users with long residual limbs that do not have enough clearance for the Vari-Flex.

Unity for LP Vari-Flex is a sleeveless vacuum suspension system designed to stabilize volume fluctuations and maintain comfortable socket fit throughout the day. For the moderately to high active user with limited build height clearance, Unity for LP Vari-Flex and Seal-In technology combined provide secure suspension, volume management and great foot dynamics without the restricting effect of an external suspension sleeve. Unity adds minimal weight to the prosthesis and does not interfere with the foot module dynamics.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)

PROPORTIONAL
RESPONSE

CARBON-X®
ACTIVE HEEL

FULL LENGTH
TOE LEVER

SPLIT TOE

WEATHERPROOF

Foot Information	
Categories:	Size 22-24; Cat. 1-5 / Size 25-30; Cat. 1-9
Size:	22-30
Weight of Foot: (Size 27)	0.574kg (20.3oz) w/ Pyramid and Foot Cover
Build Height: (Size 27)	68mm (2 11/16") w/ Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Male Pyramid or Lamination Adapter

Unity System Information	
Maximum Vacuum:	-23inHg (-600mmHg)
Normal Operating Pressure:	-16-20inHg
Added System Weight:	130g w/ Pump, Socket Valve and Tube

LP VARI-FLEX®

ORDERING INFORMATION



Unity can be ordered with LP Vari-Flex in the male pyramid, standard heel height configuration. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

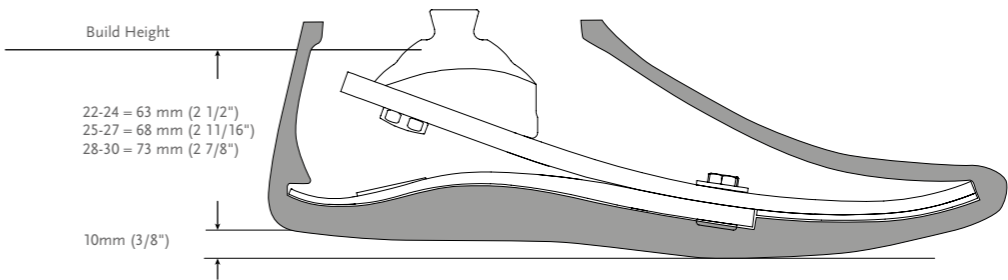
For liner selection charts and item numbers please refer to the appropriate Icross Seal-In page.



CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-221	222-256	257-287	288-324	325-365
Low Impact Level	1	1	2	3	4	5	6	7	8	9
Moderate Impact Level	1	2	3	4	5	6	7	8	9	N/A
High Impact Level	2	3	4	5	6	7	8	9	N/A	N/A

CLEARANCE

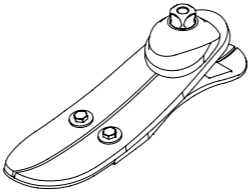
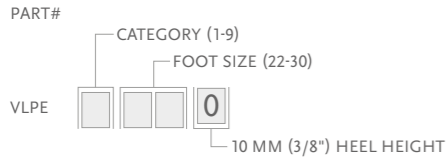


*Note: LP Vari-Flex with Unity has the same build height as LP Vari-Flex.

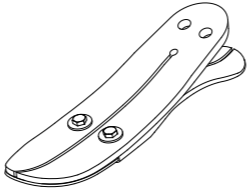
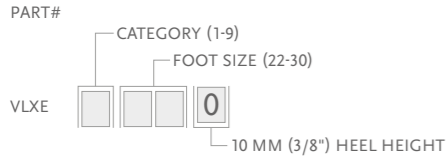
LP VARI-FLEX®

KITS

LP VARI-FLEX MALE PYRAMID OPTION



LP VARI-FLEX WITHOUT ADAPTER



LAMINATION ADAPTER KITS

Part#	Cat.	Size
VLX00001	1-5	22-24
VLX00002	1-6	25-30
VLX00003	7-9	25-30

- Includes:
- Lamination adapter
 - Bolts
 - Tape sealant
 - Loctite

COMPONENTS

HEEL WEDGE KIT

For adjustment of heel stiffness and roll-over characteristics.

Part#	Foot Size
CM150011	22-30

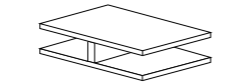


- Includes:
- 3 Wedges
 - Adhesive

HEEL DIVIDER

Heel dividers act to separate the edges of a split heel to reduce wear and noise between the composite elements.

Part#	Description
CM140003	Heel Divider



LOCTITE 410 BLACK

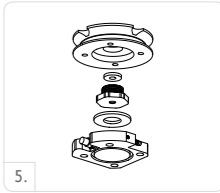
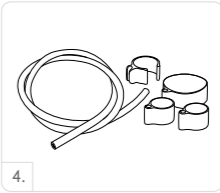
Part#	Description
CM160016	Loctite 410 black

LP VARI-FLEX®

UNITY

UNITY KITS

Picture	Part#	Description	Applicable Foot Kits
1	UVL0024	Unity Pump Module VLX 22-24	LP Vari-Flex Std Size 22-24
1	UVL0027	Unity Pump Module VLX 25-27	LP Vari-Flex Std Size 25-27
1	UVL0030	Unity Pump Module VLX 28-30	LP Vari-Flex Std Size 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All



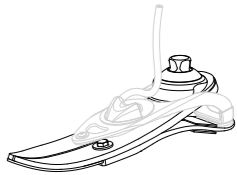
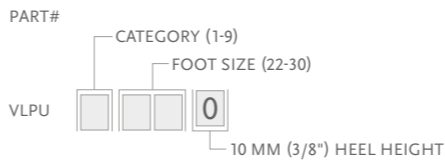
UNITY SPARE COMPONENTS

Part#	Description
UVL00021	Unity VL Components, 22-24
UVL00022	Unity VL Components, 25-30

- Includes:
- Membrane
 - Tube
 - Check valves
 - Tube fastener
 - Barb fittings
 - Heel pad

FOOT KITS APPLICABLE WITH UNITY

LP VARI-FLEX WITH MALE PYRAMID OPTION



LP VARI-FLEX®

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*

PART#

FSE0

FOOT SIZE (22-30)

L/R (LEFT/RIGHT)

- Includes:
- Foot Cover
 - Flex-Foot Sock
 - Foot Cover Attachment

*Please specify when ordering brown covers, add "BR" to the end of the part number.

FLEX-FOOT SOCKS

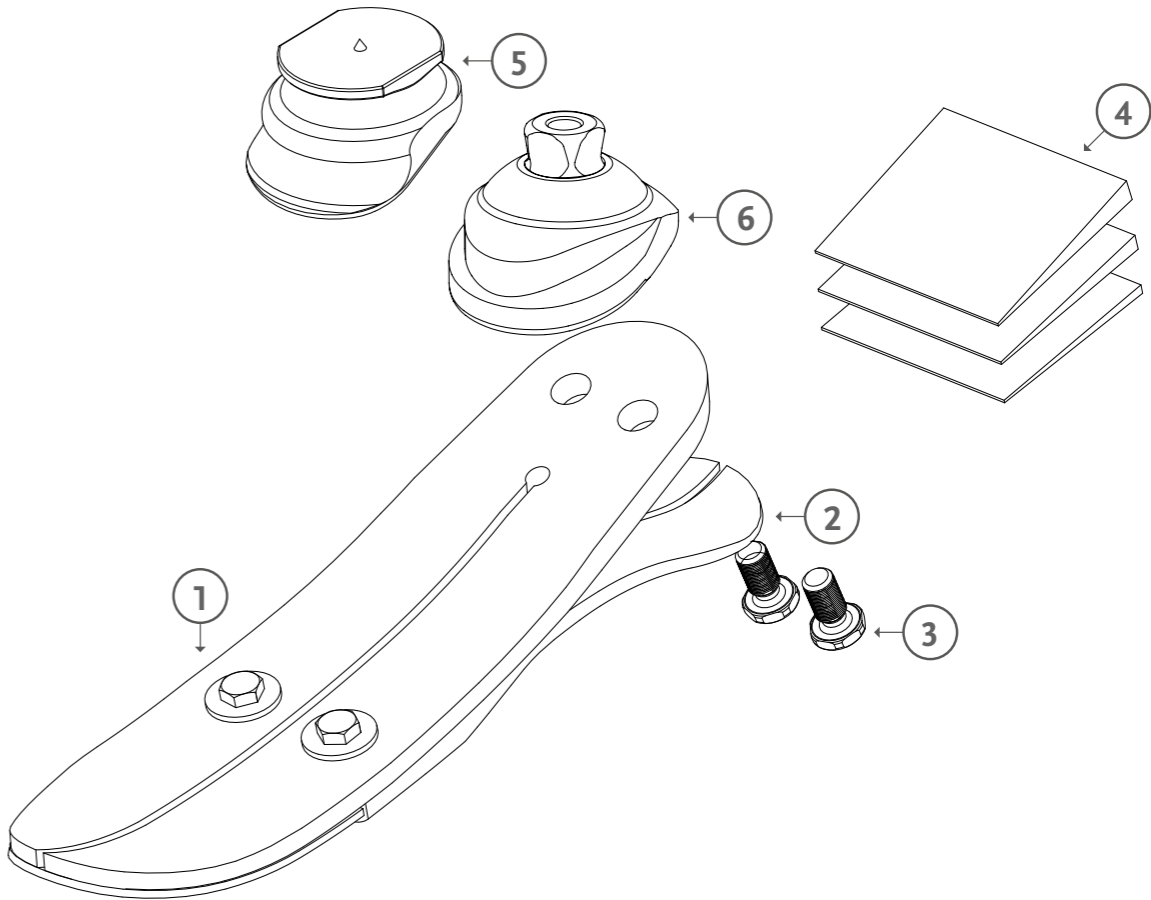
Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FSEL60001	Black Sock Small 1 pc	22-25	Black
FSEL60002	Black Sock Large 1 pc	26-30	Black
FSEL60001-15	Black Sock Small 15 pc	22-25	Black
FSEL60002-15	Black Sock Large 15 pc	26-30	Black



LP VARI-FLEX®

DIAGRAM



	Description
1	Foot Module
2	Heel
3	Bolts
4	Heel Wedge
5	Lamination Adapter
6	Male Pyramid Adapter

VARI-FLEX® MODULAR™



An extremely light-weight and durable, high energy storage and release foot. The 100% carbon fiber provides the amputees with smooth, continuous motion from heel strike to toe off.

All ages and impact levels will benefit from the unmatched 95% energy storage and return. Durable for active individuals and extremely lightweight for those less active, there is no limit to who this foot can benefit. This foot can be custom ordered for virtually any weight limit.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)*

*166kg (365lbs) version available for direct lamination as a custom order.

PROPORTIONAL RESPONSE

CARBON-X® ACTIVE HEEL

FULL LENGTH TOE LEVER

ACTIVE TIBIAL PROGRESSION

SPLIT TOE

WATERPROOF

Foot Information	
Categories:	Size 22-24; Cat. 1-6 / Size 25-27; Cat. 1-9 / Size 28-30; Cat. 4-9
Size:	22-30
Weight of Foot: (Size 27)	0.779kg (27.5oz) w/ Pyramid and Foot Cover
Build Height: (Size 27)	188mm (7 3/8") to 383mm (15 1/16") w/ Pyramid and Foot Cover
Heel Height:	10mm (3/8")*
Adapter Options:	Male Pyramid or T Connector

*19mm is a special order

ORDERING INFORMATION

FOR COMPLETE FOOT WITH MALE PYRAMID

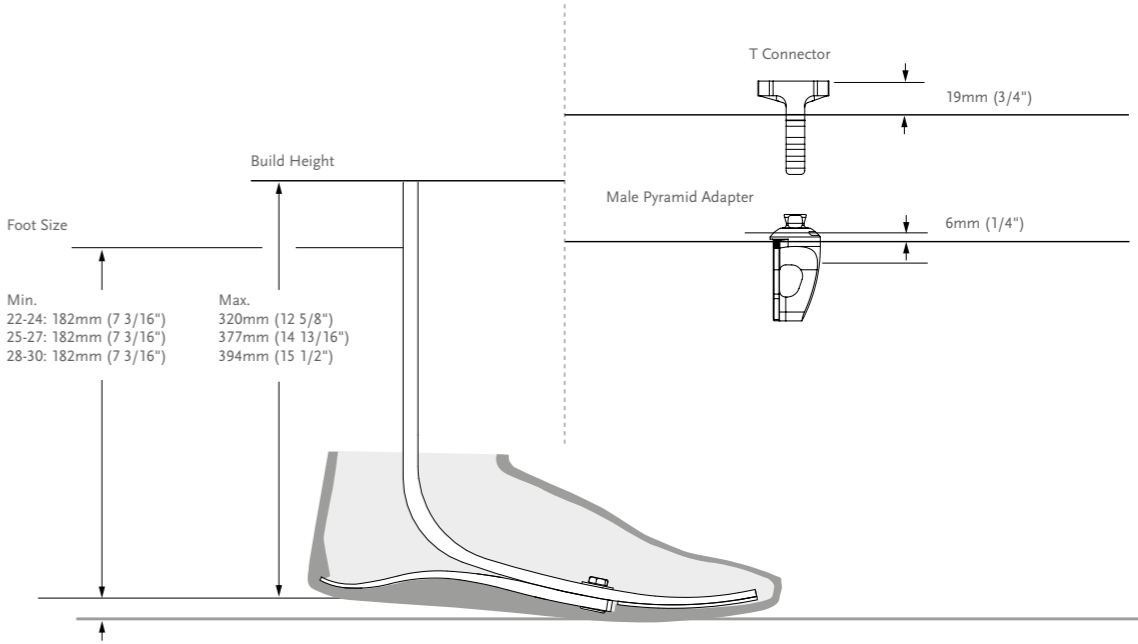
FOR COMPLETE FOOT WITH T CONNECTOR

VARI-FLEX® MODULAR™

CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324	325-365
Low Impact Level	1	1	2	3	4	5	6	7	8	9
Moderate Impact Level	1	2	3	4	5	6	7	8	9	Special Order
High Impact Level	2	3	4	5	6	7	8	9	Special Order	Special Order

CLEARANCE



KITS

VARI-FLEX MODULAR KIT

PART#

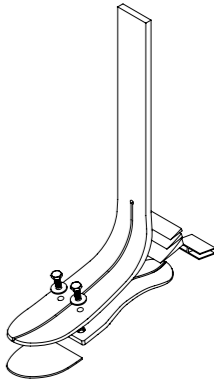
MDXE

CATEGORY (1-9)

FOOT SIZE (22-30)

10 MM (3/8") HEEL HEIGHT

- Includes:
- Foot Module
 - Heel Module
 - Heel Attachment Hardware
 - Heel Wedges



VARI-FLEX® MODULAR™

STANDARD ADAPTERS

BOLT-ON MALE PYRAMID ADAPTER
Select according to category of foot module being utilized.

Part#	Weight		Cat.
FFC2210001	175g	6.2oz	1-6
FFC2210002	205g	7.2oz	7-9

- Includes:
- Pyramid
 - Hardware (M8 or M10 bolts)
 - Plastic Bolt Cap
 - Loctite

ALUMINUM T KITS

Part#	Weight		Cat.
MDX00020	360g	12.7oz	1-6
MDX00021	360g	12.7oz	7-9

- Includes:
- Aluminum T Connector
 - Alignment Wedges
 - Attachment Bolts
 - M6 Bolts, Washers and Nuts
 - Spherical and Round Washers
 - Abrasive Pads Hex Nuts

ALUMINUM T CONNECTORS

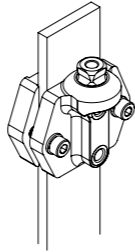
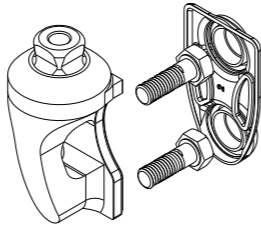
Part#	Weight		Cat.
CM140326	360g	12.7oz	1-6
CM140327	360g	12.7oz	7-9

MODULAR ALIGNMENT ADAPTER

Makes fitting and aligning Vari-Flex Modular quick and easy. After cutting keel to final length, place adapter on keel. Adjust the alignment adapter to the correct height by sliding it on the blade and clamp the adapter to the foot module by tightening the screws. Adjust height as necessary for final alignment. Disconnect the foot module from the prosthesis with the adapter still clamped on to keel. Drill appropriate holes through the drill bushings.

Part#	Weight	
MDE80001	408g	14.4oz

- Includes:
- Aluminum Alignment Adapter
 - M8 Bolts Grit



VARI-FLEX® MODULAR™

COMPONENTS

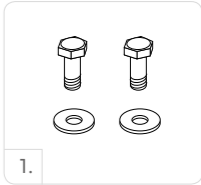
DIRECT LAMINATION KIT

Part#	Description	Cat.
MDX50007	Direct Lamination Kit	10+

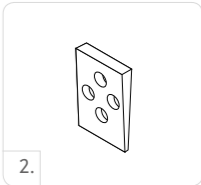
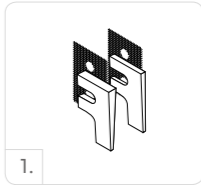
- Includes:
- Fiberglass Cloth
 - Epoxy

BOLTS

Picture	Part#	Description	Size	Length	Cat.
1	CM150004	Heel Fastener Hardware Kit (Bolts, Washer)	6mm (1/4")	18mm	1-6
1	CM150005	Heel Fastener Hardware Kit (Bolts, Washer)	8mm (5/16")	18mm	7-9



Picture	Part#	Description	Cat.
1	CM100203	Kit Temporary Slotted Wedge	ALL
2	CM150051	Alignment Wedges/Spacer Block Kit	1-6
2	CM150052	Alignment Wedges/Spacer Block Kit	7-9



VARI-FLEX® MODULAR™

COMPONENTS

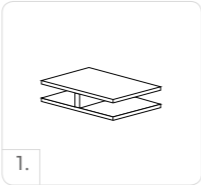
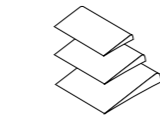
HEEL WEDGE KITS

Part#	Foot Size	Cat.
CM150006	22-27	ALL
CM150009	28-30	ALL

- Includes:
- 3 Wedges
 - Adhesive

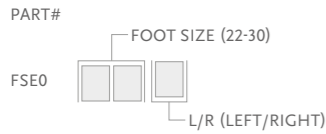
MISCELLANEOUS

Picture	Part#	Description
1	CM140003	Heel Divider
	CM160016	Loctite 410 black
	CM150012	Kit 3oz Potting Epoxy



COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*



- Includes:
- Foot Cover
 - Flex-Foot Sock
 - Foot Cover Attachment

*Please specify when ordering brown covers, add “BR” to the end of the part number.

FLEX-FOOT SOCKS

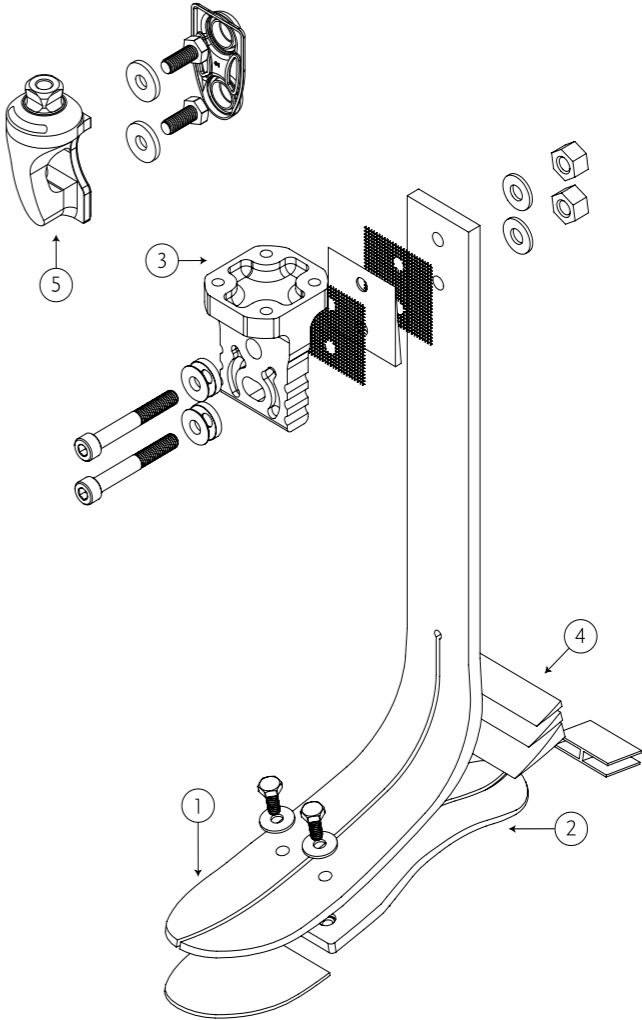
Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FSEL60001	Black Sock Small 1 pc	22-25	Black
FSEL60002	Black Sock Large 1 pc	26-30	Black
FSEL60001-15	Black Sock Small 15 pc	22-25	Black
FSEL60002-15	Black Sock Large 15 pc	26-30	Black



VARI-FLEX® MODULAR™

DIAGRAM



	Description
1	Foot Module
2	Heel
3	T Adapter
4	Wedge Kit
5	Bolt-On Male Pyramid

RE-FLEX ROTATE™



Re-Flex Rotate is a robust, high performance foot allowing users to enjoy daily living, work and leisure with the comfort and confidence to reach their full potential.

Meeting challenging requirements of the active user by combining optimal shock absorption, dynamic energy return and comfort, the Re-Flex Rotate is one of a kind. Featuring a sleek profile and maintenance free design it is the first choice for active users requiring high performance, comfortable everyday foot.

The torsion cell reduces both rotary forces on the knee joint and shear forces on the residual limb. An integrated torsion cell allows rotational yield designed to protect the residual limb and knee joint. Shock absorption via titanium coil spring reduces impact subjected to the body while enhancing both control and comfort during walking and other activities.

The Unity vacuum suspension system is available as an addition to the Re-Flex Rotate™ foot module. Unity in combination with Iceross Seal-In technology provides elevated vacuum in the socket during ambulation, without the restricting effect of an external sealing sleeve. Unity adds minimal weight to the existing prosthesis and does not interfere with the superior function of Re-Flex foot and shock modules.

User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	147kg (324lbs)

PROPORTIONAL RESPONSE

CARBON-X® ACTIVE HEEL

FULL LENGTH TOE LEVER

ACTIVE TIBIAL PROGRESSION

VERTICAL SHOCK PYLON

ROTATION

SPLIT TOE

WEATHERPROOF



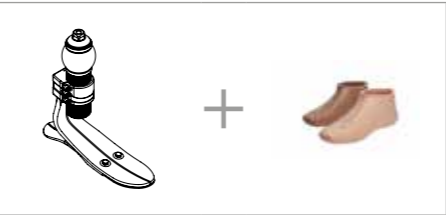
Foot Information	
Categories:	1-8
Sizes:	22-30
Weight of Foot: (Size 27)	1.105kg (39oz) w/ Pyramid and Foot Cover
Build Height Standard: (Size 27)	216-265mm (8 4/8" - 10 7/16") w/ Male Pyramid and Foot Cover
Build Height Tall: (Size 27)	267-319mm (10 4/8" - 12 9/16") w/ Male Pyramid and Foot Cover
Heel Height:	10mm (3/8"), 19mm (3/4") available on special order
Adapter Options:	Male or Female Pyramid

Unity System Information	
Maximum Vacuum:	-23inHg (-600mmHg)
Normal Operating Pressure:	-16-20inHg
Added System Weight:	130g w/ Pump, Socket Valve and Tube

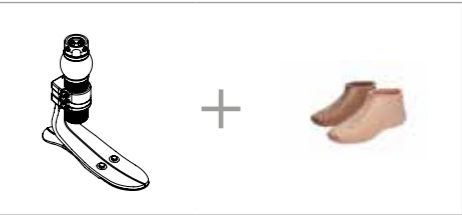
RE-FLEX ROTATE™

ORDERING INFORMATION

FOR COMPLETE FOOT WITH MALE PYRAMID*



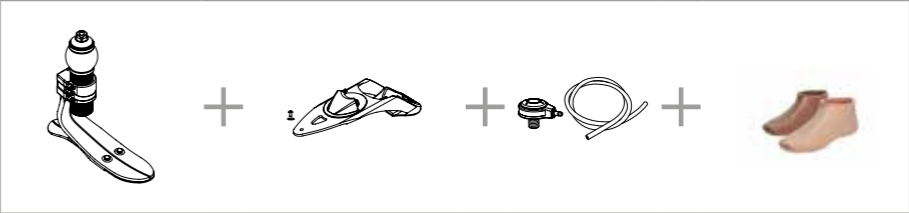
FOR COMPLETE FOOT WITH FEMALE PYRAMID*



Unity can be ordered with Re-Flex Rotate in the standard foot module height. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection and item numbers please refer to Iceross Seal-In V and Seal-In® X TF pages.

FOR COMPLETE FOOT WITH UNITY



*Foot module also available in tall profile

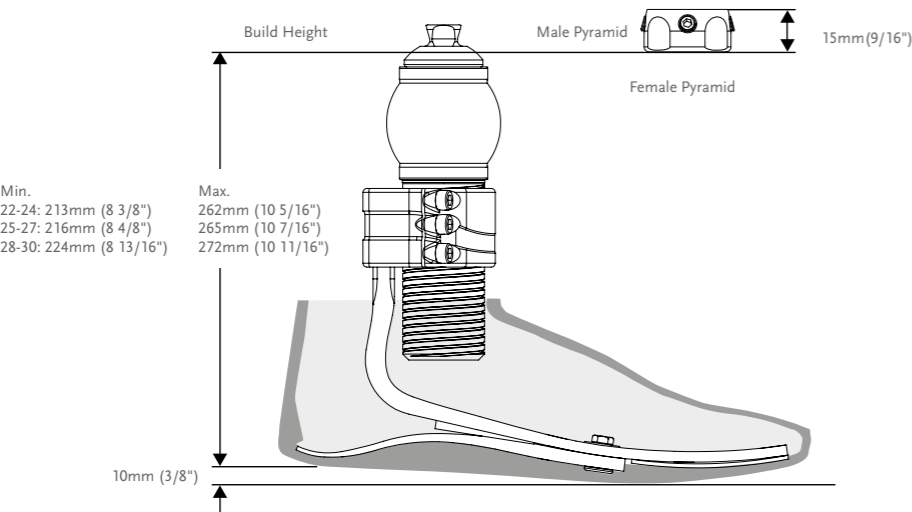
CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324
Low Impact Category									
Size 22-24	1	1	2	3	4	5	N/A	N/A	N/A
Size 25-27	1	1	2	3	4	5	6	7	8
Size 28-30	3	3	3	3	4	5	6	7	8
Moderate Impact Category									
Size 22-24	1	2	3	4	5	N/A	N/A	N/A	N/A
Size 25-27	1	2	3	4	5	6	7	8	N/A
Size 28-30	3	3	3	4	5	6	7	8	N/A
High Impact Category									
Size 22-24	2	3	4	5	N/A	N/A	N/A	N/A	N/A
Size 25-27	2	3	4	5	6	7	8	N/A	N/A
Size 28-30	3	3	4	5	6	7	8	N/A	N/A

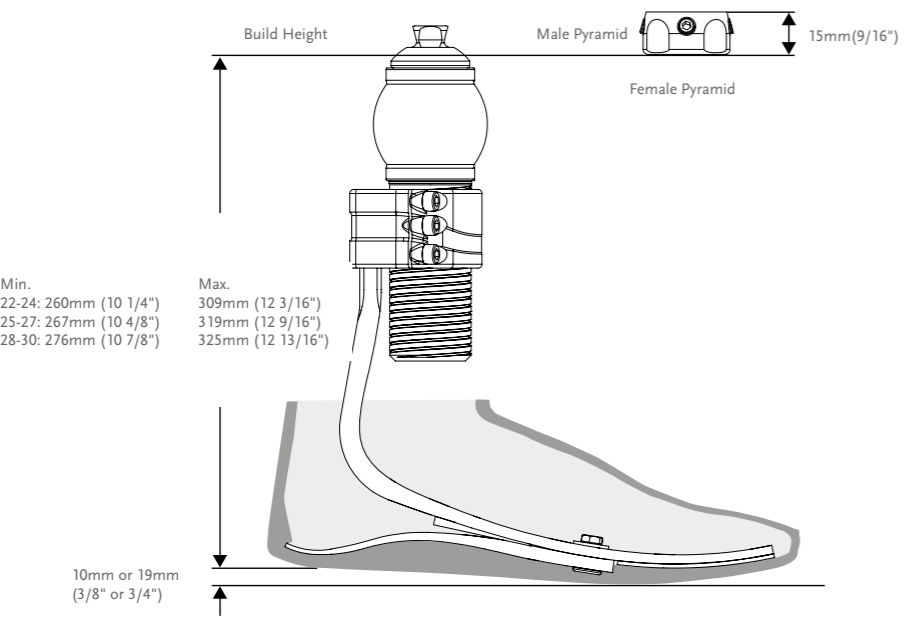
RE-FLEX ROTATE™

CLEARANCE

RE-FLEX ROTATE STANDARD FOOT MODULE



RE-FLEX ROTATE TALL FOOT MODULE



*Note: Re-Flex Rotate with Unity has the same build height as Re-Flex Rotate.

RE-FLEX ROTATE™

KITS

STANDARD PROFILE WITH SHOCK

MALE PYRAMID ATTACHMENT

PART#

CATEGORY (1-8)

FOOT SIZE (22-30)

RSPE

10 MM (3/8") HEEL HEIGHT

FEMALE PYRAMID ATTACHMENT

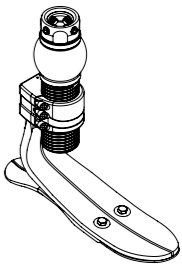
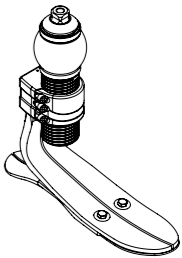
PART#

CATEGORY (1-8)

FOOT SIZE (22-30)

RSFE

10 MM (3/8") HEEL HEIGHT



TALL PROFILE WITH SHOCK

MALE PYRAMID ATTACHMENT

PART#

CATEGORY (1-8)

FOOT SIZE (22-30)

RHPE

10 MM (3/8") HEEL HEIGHT

PART#

CATEGORY (1-8)

FOOT SIZE (22-30)

RHPE

19 MM (3/4") HEEL HEIGHT

FEMALE PYRAMID ATTACHMENT

PART#

CATEGORY (1-8)

FOOT SIZE (22-30)

RHFE

10 MM (3/8") HEEL HEIGHT

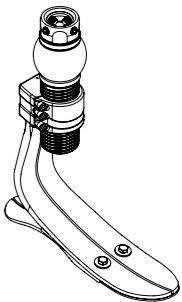
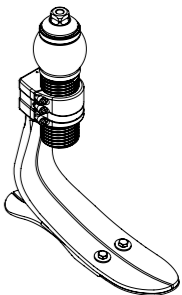
PART#

CATEGORY (1-8)

FOOT SIZE (22-30)

RHFE

19 MM (3/4") HEEL HEIGHT



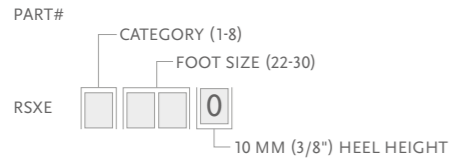
- Includes:
- Foot Kit
 - Shock Kit
 - Heel Wedges
- Shock Kit Includes:
- Male/Female Pyramid Shock Module
 - Loctite (Female)

Note: Solid toe is a special order.

RE-FLEX ROTATE™

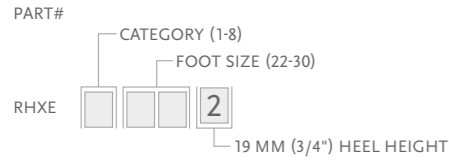
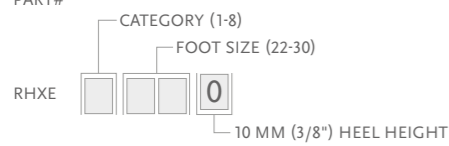
KITS

STANDARD PROFILE WITHOUT SHOCK



Note: 19mm heel height for standard profile, foot size 25-30, available upon special order.

TALL PROFILE WITHOUT SHOCK

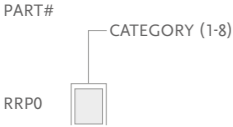


- Includes:
- Foot Kit

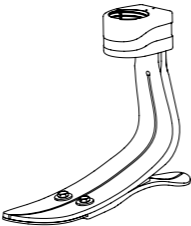
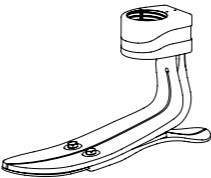
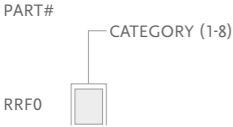
Note: Solid toe is a special order.

SHOCK KITS

ROTATE MALE SHOCK KIT



ROTATE FEMALE SHOCK KIT



RE-FLEX ROTATE™

COMPONENTS

HEEL WEDGE KITS

Tall and Standard Profile Foot Module	Foot Size	Cat.
CM150011	22-30	ALL

- Includes:
- 3 Wedges
 - Adhesive



Part#	Description
CM160025	Loctite 243

ATTACHMENT CLAMP SCREW

Part#	Description
CM130140	M6 16MM Attachment Clamp Screw

TOOLS

TORQUE WRENCH

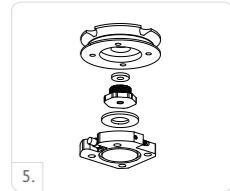
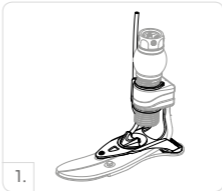
Part#	Description
FFC7980001	Torque Wrench 3Nm Preset



UNITY

UNITY KITS

Picture	Part#	Description	Applicable Foot Kits
1	URS0024	Unity Pump Module RSX 22-24	Re-Flex Std Size 22-24
1	URS0027	Unity Pump Module RSX 25-27	Re-Flex Std Size 25-27
1	URS0030	Unity Pump Module RSX 28-30	Re-Flex Std Size 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All



RE-FLEX ROTATE™

UNITY SPARE COMPONENTS

Part#	Description
URS00021	Unity RS Components, 22-24
URS00022	Unity RS Components, 25-30

- Includes:
- Membrane
 - Check valves
 - Barb fittings
 - Tube
 - Tube fastener
 - Heel pad

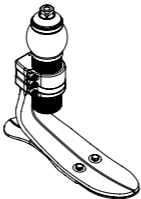


FOOT KITS APPLICABLE WITH UNITY

RE-FLEX ROTATE™ STANDARD PROFILE

MALE PYRAMID ATTACHMENT

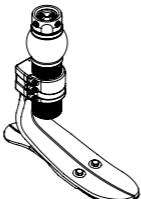
PART#	CATEGORY (1-8)	FOOT SIZE (22-30)
RSPU	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div>0</div></div>



RE-FLEX ROTATE™ STANDARD PROFILE

FEMALE PYRAMID ATTACHMENT

PART#	CATEGORY (1-8)	FOOT SIZE (22-30)
RSFU	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div>0</div></div>



Caution: Due to restricted space with the Re-Flex Shock shock module and Unity, SSPE* kits allow for only 2 full turns of downwards adjustment from the tallest setting. Re-Flex Rotate modules can be set to any height within their designed limits.

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*

PART#	FOOT SIZE (22-30)
FSE0	<div><div></div><div></div><div></div></div>

L/R (LEFT/RIGHT)



- Includes:
- Foot Cover
 - Flex-Foot Sock
 - Foot Cover Attachment

*Please specify when ordering brown covers, add "BR" to the end of the part number.

FLEX-FOOT SOCKS

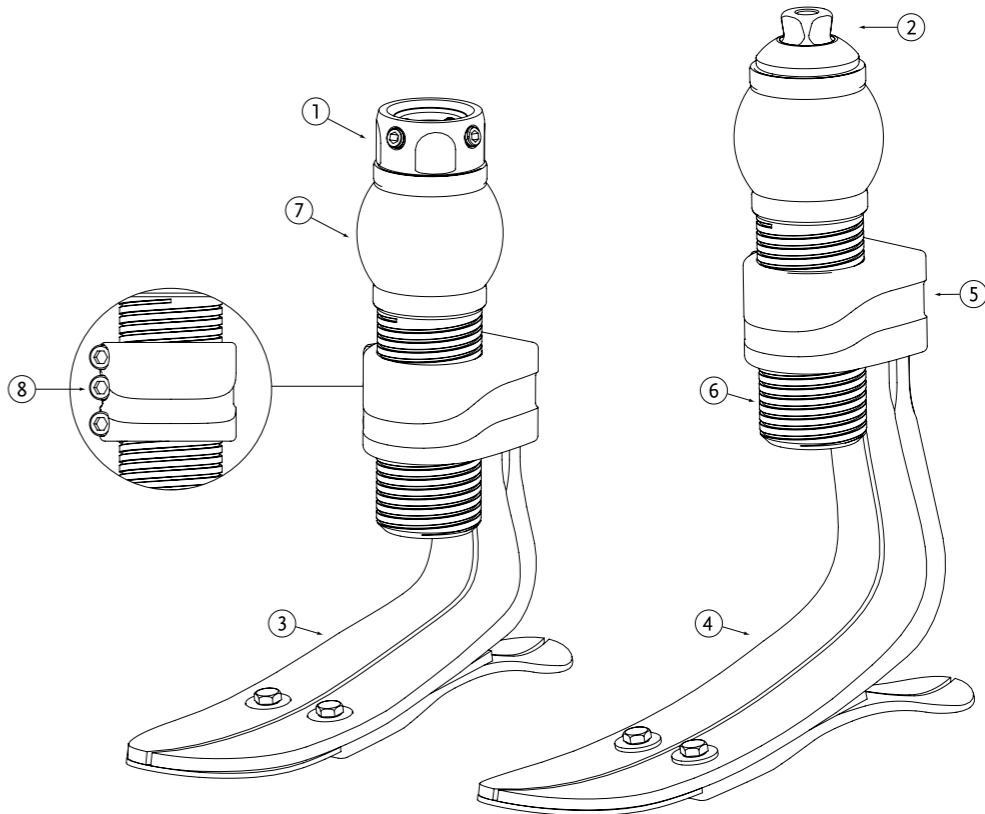
Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FSEL60001	Black Sock Small 1 pc	22-25	Black
FSEL60002	Black Sock Large 1 pc	26-30	Black
FSEL60001-15	Black Sock Small 15 pc	22-25	Black
FSEL60002-15	Black Sock Large 15 pc	26-30	Black



RE-FLEX ROTATE™

DIAGRAM



	Description
1	Female Pyramid
2	Male Pyramid
3	Standard Foot Kit
4	Tall Foot Kit
5	Fixed Attachment
6	Threaded Outer Tube
7	Polyurethane Torsion Cell
8	Attachment Clamp Screws

RE-FLEX SHOCK™



Re-Flex Shock offers the best vertical shock absorption of all the Össur mechanical feet. With dynamic energy return and all around responsiveness the foot is a great choice for active users.

The composite spring in front provides optimal shock absorption that reduces impact subjected to the body. Enhancing both control and comfort during walking and other activities.

The Unity vacuum suspension system is available as an addition to the Re-Flex Shock™ foot module. Unity in combination with Iceross Seal-In technology provides elevated vacuum in the socket during ambulation, without the restricting effect of an external sealing sleeve. Unity adds minimal weight to the existing prosthesis and does not interfere with the superior function of Re-Flex foot and shock modules.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)

PROPORTIONAL RESPONSE

CARBON-X® ACTIVE HEEL

FULL LENGTH TOE LEVER

WEATHERPROOF

ACTIVE TIBIAL PROGRESSION

VERTICAL SHOCK PYLON

SPLIT TOE

Foot Information	
Categories:	1-9
Sizes:	22-30
Weight of Foot: (Size 27)	1.076kg (38oz) w/ foot cover and sock
Build Height Standard: (Size 27)	210-238mm (8 1/4" - 9 3/8") w/ Foot Cover and Male Pyramid
Build Height Tall: (Size 27)	255-288mm (10 1/4" - 11 1/2") w/ Foot Cover and Male Pyramid
Heel Height:	10mm (3/8"), 19mm (3/4") available on special order
Adapter:	Male Pyramid

Unity System Information	
Maximum Vacuum:	-23inHg (-600mmHg)
Normal Operating Pressure:	-16-20inHg
Added System Weight:	130g w/ Pump, Socket Valve and Tube

RE-FLEX SHOCK™

ORDERING INFORMATION



Unity can be ordered with Re-Flex Shock in the standard foot module height. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection and item numbers please refer to Iceross Seal-In V and Seal-In® X TF pages.



*Foot module also available in tall profile

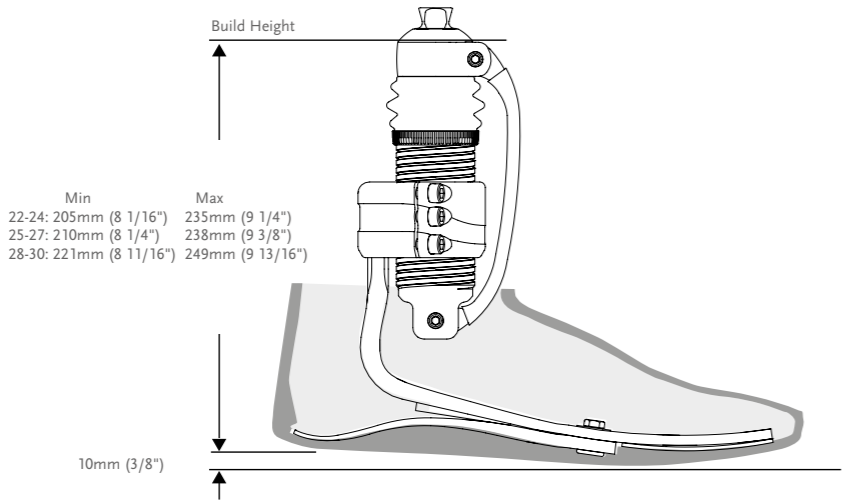
CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324	325-366
Low Impact Category										
Size 22-24	1	1	2	3	4	5	6	N/A	N/A	N/A
Size 25-27	1	1	2	3	4	5	6	7	8	9
Size 28-30	3	3	3	3	4	5	6	7	8	9
Moderate Impact Category										
Size 22-24	1	2	3	4	5	6	N/A	N/A	N/A	N/A
Size 25-27	1	2	3	4	5	6	7	8	9	N/A
Size 28-30	3	3	3	4	5	6	7	8	9	N/A
High Impact Category										
Size 22-24	2	3	4	5	6	N/A	N/A	N/A	N/A	N/A
Size 25-27	2	3	4	5	6	7	8	9	N/A	N/A
Size 28-30	3	3	4	5	6	7	8	9	N/A	N/A

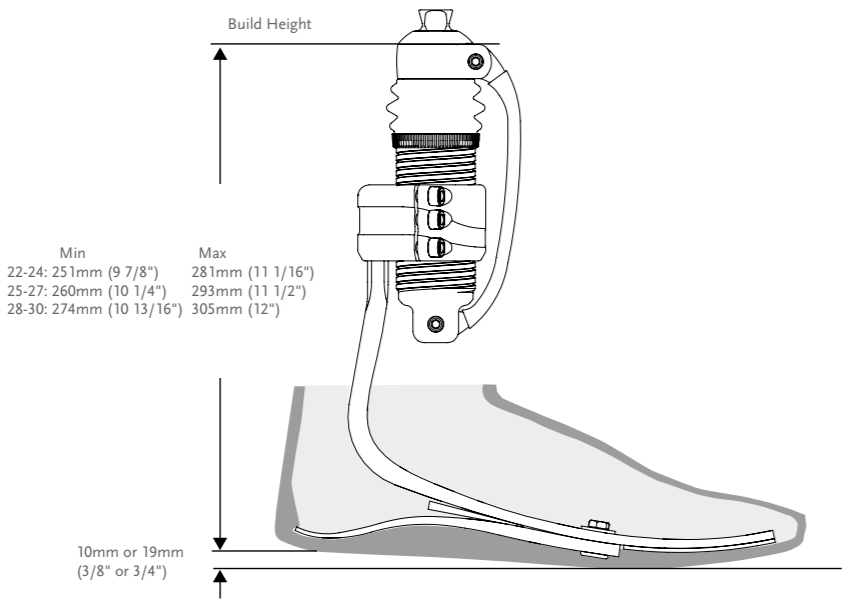
RE-FLEX SHOCK™

CLEARANCE

RE-FLEX SHOCK STANDARD FOOT MODULE



RE-FLEX SHOCK TALL FOOT MODULE



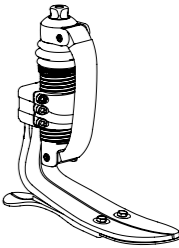
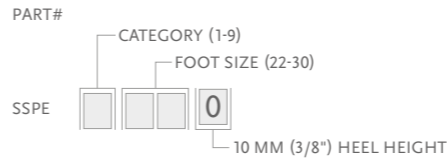
*Note: Re-Flex Shock with Unity has the same build height as Re-Flex Shock.

RE-FLEX SHOCK™

KITS

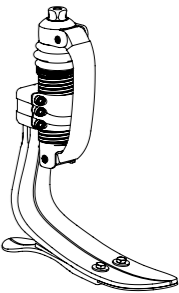
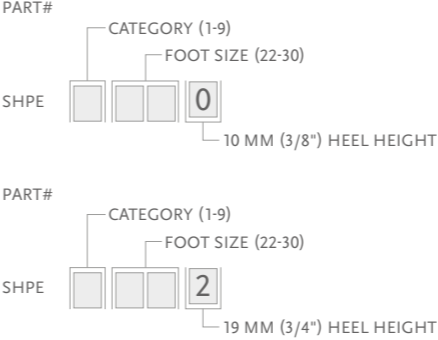
STANDARD PROFILE WITH SHOCK

MALE PYRAMID ATTACHMENT



TALL PROFILE WITH SHOCK

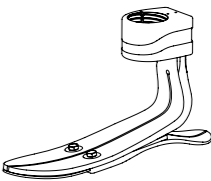
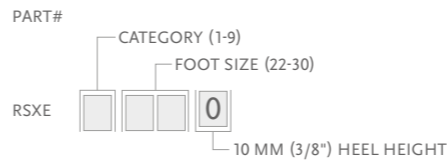
MALE PYRAMID ATTACHMENT



- Includes:
- Foot Module
 - Shock Module with Carbon Front Spring
 - Heel Wedges
- Shock Kit Includes:
- Male Pyramid Shock Module
 - Loctite

Note: Solid toe is a special order.

STANDARD PROFILE WITHOUT SHOCK



Note: 19mm heel height for standard profile, foot size 25-30, available upon special order.

RE-FLEX SHOCK™

KITS

TALL PROFILE WITHOUT SHOCK

PART#

CATEGORY (1-9)

FOOT SIZE (22-30)

0

RHXE

10 MM (3/8") HEEL HEIGHT

PART#

CATEGORY (1-9)

FOOT SIZE (22-30)

2

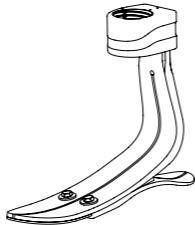
RHXE

19 MM (3/4") HEEL HEIGHT

Includes:

- Foot Kit

Note: Solid toe is a special order.



SHOCK KITS

MALE SHOCK KIT

PART#

CATEGORY (1-9)

0

RSP0

COMPONENTS

HEEL WEDGE KITS

Tall and Standard Profile Foot Module	Foot Size	Cat.
CM150011	22-30	ALL

Includes:

- 3 Wedges
- Adhesive

Part#	Description
CM160025	Loctite 243



RE-FLEX SHOCK™

COMPONENTS

FRONT SPRINGS

Part#	Cat.
RSS44001	1
RSS44002	2
RSS44003	3
RSS44004	4
RSS44005	5
RSS44006	6
RSS44007	7
RSS44008	8

Includes:

- Front Spring
- 2 Pins

BUSHING KIT

Part#	Description
RSS00001	Bushing Kit

Includes:

- 4 Bushings
- 2 Pins

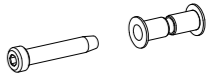
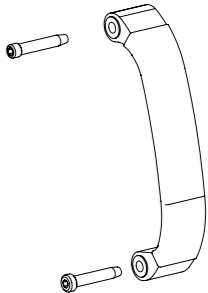
LOWER RING

Part#	Description
RSS40011	Re-Flex Shock Bellow
RSS40012	Re-Flex Shock Collar

TOOLS

TORQUE WRENCH

Part#	Description
FFC7980001	Torque Wrench 3Nm Preset



RE-FLEX SHOCK™

UNITY

UNITY KITS

Picture	Part#	Description	Applicable Foot Kits
1	URS0024	Unity Pump Module RSX 22-24	Re-Flex Std Size 22-24
1	URS0027	Unity Pump Module RSX 25-27	Re-Flex Std Size 25-27
1	URS0030	Unity Pump Module RSX 28-30	Re-Flex Std Size 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All



SPARE COMPONENTS

Part#	Description
URS00021	Unity RS Components, 22-24
URS00022	Unity RS Components, 25-30

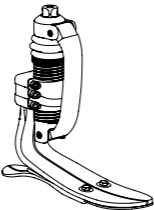
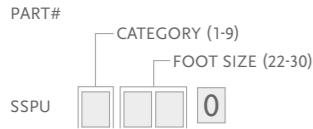
- Includes:
- Membrane
 - Check valves
 - Barb fittings
 - Tube
 - Tube fastener
 - Heel pad



FOOT KITS APPLICABLE WITH UNITY

RE-FLEX SHOCK™ STANDARD PROFILE

MALE PYRAMID ATTACHMENT

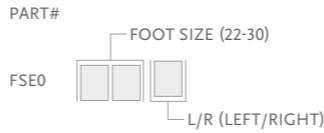


Caution: Due to restricted space with the Re-Flex Shock shock module and Unity, SSPE* kits allow for only 2 full turns of downwards adjustment from the tallest setting. Re-Flex Rotate modules can be set to any height within their designed limits.

RE-FLEX SHOCK™

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*



- Includes:
- Foot Cover
 - Flex-Foot Sock
 - Foot Cover Attachment

*Please specify when ordering brown covers, add "BR" to the end of the part number.

FLEX-FOOT SOCKS

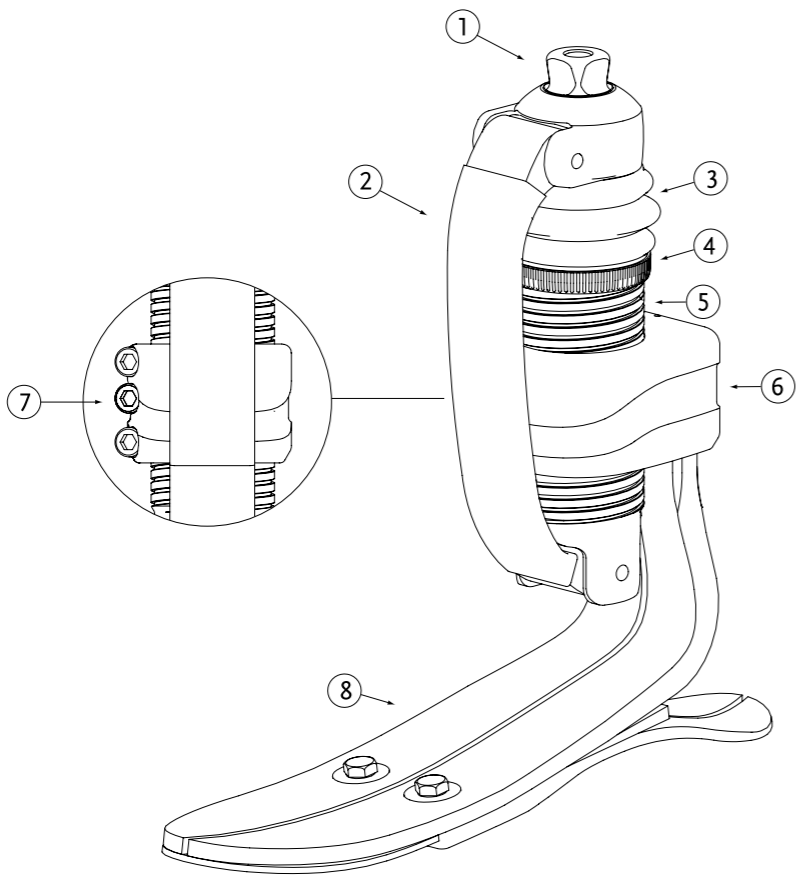
Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FSEL60001	Black Sock Small 1 pc	22-25	Black
FSEL60002	Black Sock Large 1 pc	26-30	Black
FSEL60001-15	Black Sock Small 15 pc	22-25	Black
FSEL60002-15	Black Sock Large 15 pc	26-30	Black



RE-FLEX SHOCK™

DIAGRAM



	Description
1	Male Pyramid
2	Front Spring
3	Bellow
4	Collar
5	Threaded Outer Tube
6	Fixed Attachment Clamp
7	Attachment Clamp Screws
8	Foot Module

CHEETAH® XPLORE



Cheetah Xplore is a unique crossover foot prosthesis inspired by the original Cheetah design. Although primarily designed for everyday use, Cheetah Xplore allows the user to engage in various sports and activities. The foot combines high energy return and dynamic push-off with increased balance and stability, supporting amputees with an active lifestyle.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Moderate to Extreme
Maximum Patient Weight:	147kg (324lbs)

PROPORTIONAL
RESPONSE

CARBON-X®
ACTIVE HEEL

FULL LENGTH
TOE LEVER

ACTIVE TIBIAL
PROGRESSION

WATERPROOF

Note: When the foot is directly laminated onto the socket the device is waterproof: A waterproof device allows use in a wet and/or humid environment and temporary (<30 mins.) submersion of up to 1m in fresh water. Exposure to fresh water under these circumstances shall have no harmful effect. Dry thoroughly after contact with fresh water. Fresh water: Includes tap water. Excludes salt and chlorinated water. The components used with the foot need to be waterproof as well.

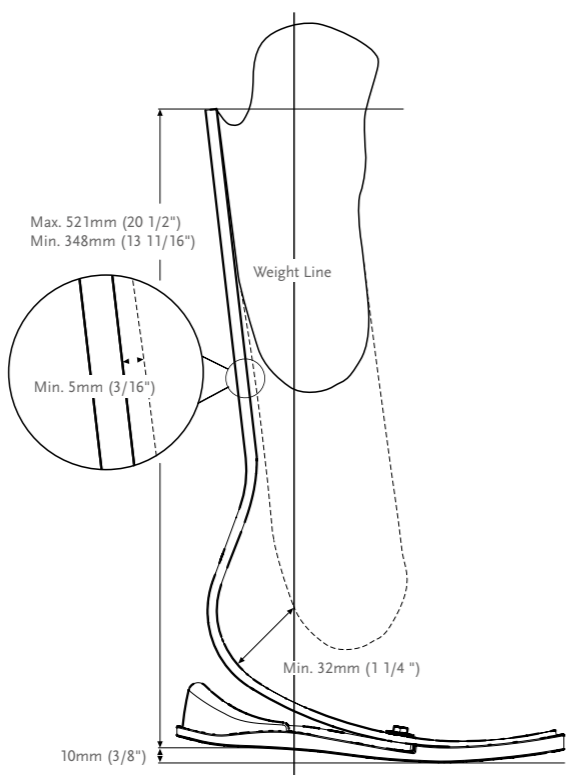
Foot Information	
Categories:	1-9
Sizes:	One Size Per Category
Weight of Foot (Cat. 5):	0.646kg (22.8oz)
Build Height:	Max. height of the posterior brim: 521mm (20 1/2") Min. height of the posterior brim: 348mm (13 11/16") Min. clearance from the socket to the foot: 32mm (1 1/4")
Adapter Options:	Lamination Connector

CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	97-115	116-130	131-150	151-170	171-194	195-221	222-256	257-287	288-324
Moderate Impact Level	1	2	3	4	5	6	7	8	9
High Impact Level	2	3	4	5	6	7	8	9	N/A

CHEETAH® XPLORE

CLEARANCE WITH DIRECT LAMINATION



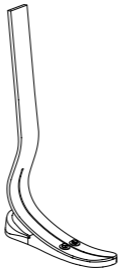
KITS

CHEETAH XPLORE KIT*

PART#	CATEGORY (1-9)
FSX009	

- Includes:
- Foot Module
 - Foam Heel Counter
 - Foam Sole
 - +Pluseries Adhesives 220 ml - Composite 1 Minute

*Cheetah Xplore comes with +Pluseries composite 1 minute adhesive. The +Pluseries adhesive dispenser needs to be ordered separately. The Lamination connector may also be ordered separately with Cheetah Xplore.

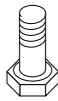


CHEETAH® XPLORE

KITS

ATTACHMENT BOLT FOR LAMINATION CONNECTOR

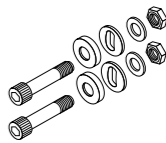
Part#	Description	Size	Cat.
CM130218	Attachment Bolt for Lamination Connector	5/16"-24 x 1 1/2"	1-6
CM130213	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/4"	7-9



HARDWARE KIT FOR T CONNECTORS

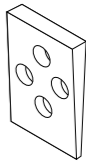
Part#	Length	Weight	Size	Cat.
CM100054	8mm	5/16"	108g 3.8oz	x 2-1/2" 1-6
CM100055	10mm	3/8"	144g 5oz	x 2-1/2" 7-9

- Includes:
- Bolts
 - Nuts
 - Spherical Washer
 - Flat Washer



ALIGNMENT WEDGES

Part#	Description	Cat.
CM140502	Alignment Wedges 2°	ALL
CM140505	Alignment Wedges 4°	ALL
CM140508	Alignment Wedges 6°	ALL
CM140511	Alignment Wedges 8°	ALL



HEEL WEDGE KIT

For adjustment of heel stiffness and roll-over characteristics.

Part#	Foot Size
CM150011	22-30

- Includes:
- 3 Wedges
 - Adhesive



LAMINATION CONNECTOR KIT

Part#	Description	Cat.
FSX50009	Lamination Connector	1-9

- Includes:
- Connector
 - Alignment Wedges (2°, 4°, 6°, 8°)
 - Attachment Hardware
 - Lamination Kit

CHEETAH® XPLORE

TOOLS

+PLUSERIES DISPENSER

Part#	Description
FSX80016	+Pluseries 220 ml Dispenser



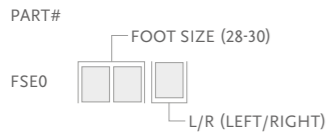
+PLUSERIES ADHESIVE

Part#	Description
FSX80015	+Pluseries Adhesive 220 ml - Composite 1 Minute
FSX80017	+Pluseries Mixing Nozzle Includes: 6 Mixing Nozzles



COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*



- Includes:
- Foot Cover
 - Flex-Foot Sock
 - Foot Cover Attachment

*Please specify when ordering brown covers, add "BR" to the end of the part number.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

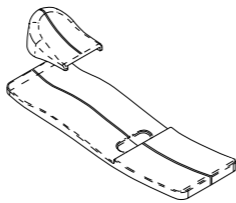
Part#	Description	Size	Color
FSEL60002	Black Sock Large 1 pc	26-30	Black
FSEL60002-15	Black Sock Large 15 pc	26-30	Black



FOAM HEEL COUNTER AND SOLE

Part#
FSX60001

- Includes:
- Foam Heel Counter
 - Foam Sole



ELATION®



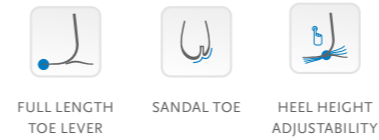
Changing shoes to suit the occasion need not be a complicated affair.

Nor is it necessary to sacrifice function when choosing a heel height adjustable foot. Elation is easily adjusted up to 2 inches at the touch of a button, while the foot's progressive stiffening feature adapts automatically to the load applied, ensuring a comfortable, steady gait.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to Moderate
Maximum Patient Weight:	100kg (220lbs)

Foot Information	
Sizes:	22-28
Weight of Foot: (Size 27)	710g (25oz) w/ Pyramid and Foot Cover
Build Height: (Size 27)	92mm (3 5/8") w/ Pyramid and Foot Cover
Heel Height:	Adjustable up to 50mm (2")
Adapter Options:	Male Pyramid

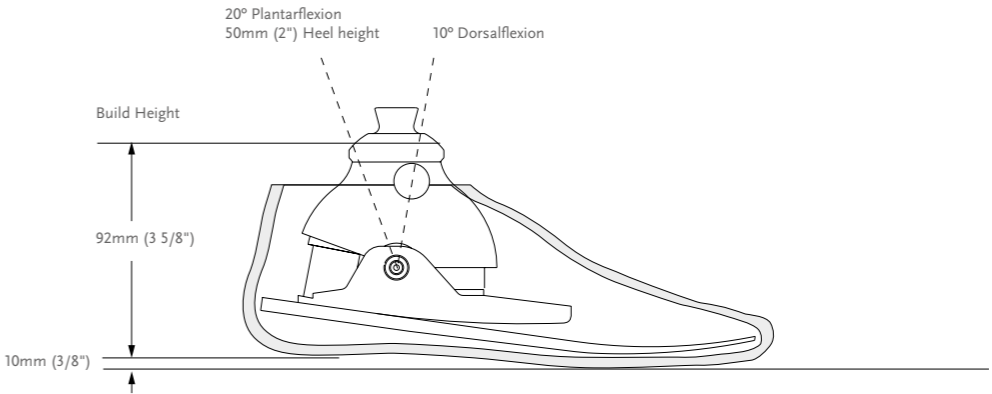


ORDERING INFORMATION

FOR COMPLETE FOOT



CLEARANCE



ELATION®

KITS

MALE PYRAMID

PART#

FOOT SIZE (22-28)

ELP00

L/R (LEFT/RIGHT)



- Includes:
- Foot/Ankle Module fully assembled with front and rear bumpers (size 22-25: black rear bumper; size 26-28: red rear bumper)
 - 3 extra rear bumpers (size 22-25: green, red and orange; size 26-28: green, black and orange)

*For Elation with brown foot cover add "BR" to the part#.

COMPONENTS

MALE PYRAMID ANKLE KIT

Left Foot	Right Foot	Foot Size
ELP00001	ELP00002	22-23
ELP00003	ELP00004	24-25
ELP00005	ELP00006	26-28

- Includes:
- Foot/Ankle Module fully assembled with front and rear bumpers (size 22-25: black rear bumper; size 26-28: red rear bumper)
 - 3 extra rear bumpers (size 22-25: green, red and orange; size 26-28: green, black and orange)
 - Attachment Hardware

FOOT MODULE

PART#

FOOT SIZE (22-28)

ELX00

L/R (LEFT/RIGHT)

- Includes:
- Foot Module integrated into foot cover*

*For Elation with brown foot cover add "BR" to the part#

BUMPERS

Part#	Description
ELP0000F	Front Bumper (one double durometer bumper)
ELP0000K	Rear Bumper Kit (Green, Black, Red and Orange bumpers, one of each color)
ELP0000G	Rear Bumper Green, Soft
ELP0000B	Rear Bumper Black, Medium
ELP0000R	Rear Bumper Red, Firm
ELP0000A	Rear Bumper Orange, Extra Firm

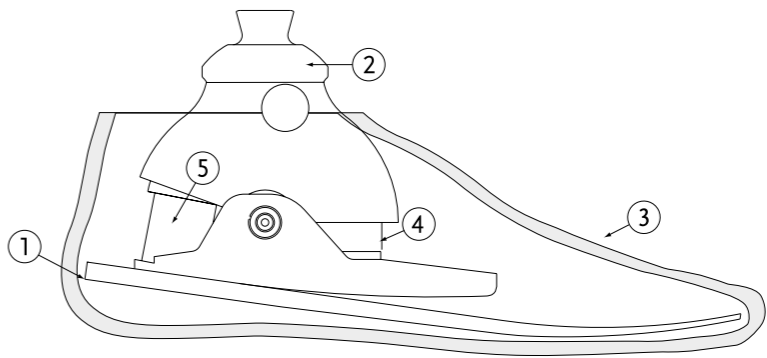
HARDWARE KITS

Part#	Foot Size
ELX50001	22-25
ELX50002	26-28

- Includes:
- 2 x M8 Bolts
 - 2 x Washer
 - Loctite 243

ELATION®

DIAGRAM



	Description
1	Foot Module
2	Elation with Pyramid
3	Foot Cosmesis
4	Front Bumper
5	Rear Bumper

FLEX-SYMES™



Extremely low build height with a Carbon-X® Active Heel and alignment options.

The Flex-Symes foot design is a carbon foot module connected to an actively deflecting carbon heel. The improved alignment adapter now offers angulation and adjustments in ML / AP planes.

Flex-Symes is specifically designed for people with symes and pyrogoff amputations or transtibial users with long residual limbs.



User Information	
Amputation Level:	Ankle Disarticulation
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)

PROPORTIONAL
RESPONSE

CARBON-X®
ACTIVE HEEL

FULL LENGTH
TOE LEVER

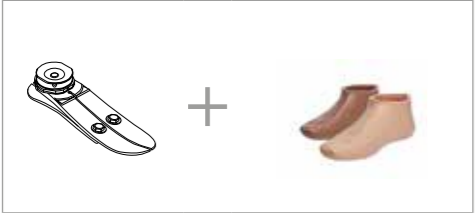
SPLIT TOE

WATERPROOF

Foot Information	
Categories:	Size 22-24; Cat. 1-6 / Size 27-30; Cat. 1-9
Sizes:	22-30
Weight of Foot: (Size 27)	0.528kg (18.6oz) w/ Foot Cover
Build Height: (Size 27)	60mm (2 3/8") w/ Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Direct Lamination Adapter

ORDERING INFORMATION

FOR COMPLETE FOOT WITH SOCKET ADAPTER



FOR COMPLETE FOOT WITHOUT ADAPTER

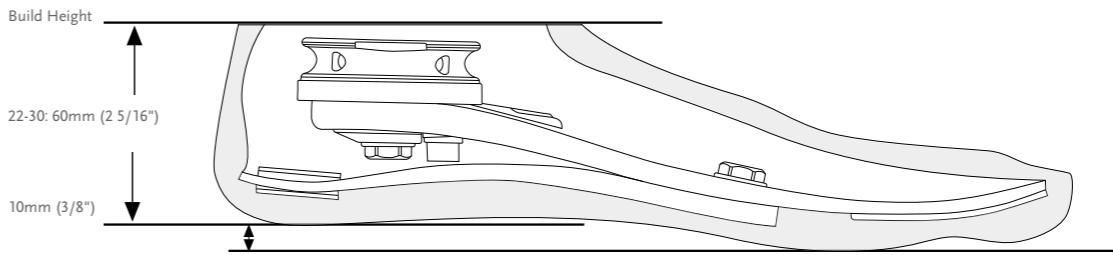


CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
Weight lbs	97-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324	325-356
Low Impact Level	1	1	2	3	4	5	6	7	8	9
Moderate Impact Level	1	2	3	4	5	6	7	8	9	N/A
High Impact Level	2	3	4	5	6	7	8	9	N/A	N/A

FLEX-SYMES™

CLEARANCE



KITS

FLEX-SYMES WITH SOCKET ADAPTER

PART#

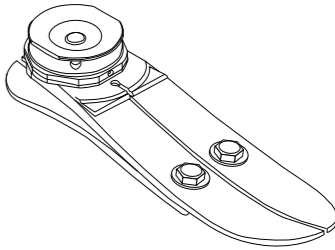
CATEGORY (1-9)

FOOT SIZE (22-30)

SLP0

10 MM (3/8") HEEL HEIGHT

- Includes:
- Carbon foot module with heel
 - 2 Circular alignment wedges
 - 2 Alignment pins
 - 1 Anti-rotation bolt
 - Washer
 - Loctite 410
 - Epoxy potting
 - Socket adapter



FLEX-SYMES WITHOUT ADAPTER

PART#

CATEGORY (1-9)

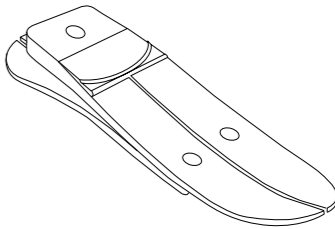
FOOT SIZE (22-30)

SLX0

10 MM (3/8") HEEL HEIGHT

- Includes:
- Carbon foot module with heel
 - 2 Circular alignment wedges
 - 2 Alignment pins
 - 1 Anti-rotation bolt
 - Washer
 - Loctite 410
 - Epoxy potting

Note: Solid toe is a special order.



COMPONENTS

HEEL MODULE

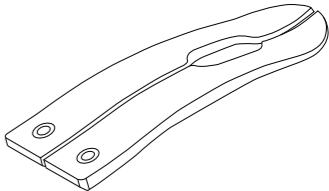
PART#

CATEGORY (1-9)

FOOT SIZE (22-30)

SLX2

10 MM (3/8") HEEL HEIGHT

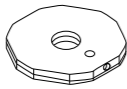


FLEX-SYMES™

COMPONENTS

ALIGNMENT DISC KIT

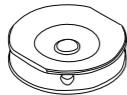
Part#	Foot Size	Cat.
SLP30001	22-24	1-6
SLP30002	25-27	1-6
SLP30003	28-30	1-6
SLP30004	25-27	7-9
SLP30005	28-30	7-9



- Includes:
- 2 Circular alignment wedges
 - 2 Alignment pins
 - 1 Anti rotation bolt
 - Washer
 - Loctite 410

SOCKET ADAPTER WITH INSERT

Part#	Cat.	Foot Size
SLX50001	1-6	22-24
SLX50002	1-6	25-27
SLX50003	1-6	28-30
SLX50004	7-9	25-27
SLX50005	7-9	28-30



CENTRAL BOLTS

Part#	Foot Size	Bolt Size	Cat.
SLX30021	22-27	M12	1-6
SLX30022	25-27	M14	7-9
SLX30022	28-30	M14	1-6
SLX30023	28-30	M16	7-9



HEEL WEDGE KIT

Part#	Foot Size	Cat.
CM150011	22-30	1-9



- Includes:
- 3 Wedges
 - Adhesive

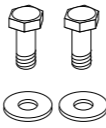
LAMINATION KIT

Part#	Foot Size	Cat.
SLP30011	22-24	1-6
SLP30012	25-27	1-6
SLP30013	28-30	1-6
SLP30014	25-27	7-9
SLP30015	28-30	7-9

- Includes:
- Socket adapter with insert
 - Epoxy potting

HEEL FASTENER HARDWARE KIT

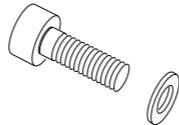
Part#	Length	Size	Cat.
CM150004	18mm	11/16"	6mm 1/4" 1-6
CM150005	18mm	11/16"	8mm 5/16" 7-9



- Includes:
- Bolt
 - Washer

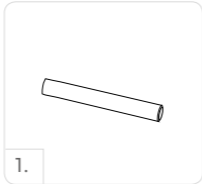
ANTI-ROTATION BOLT KIT

Part#	Foot Size	Bolt Size
SLX30005	22-27	M6
SLX30007	28-30	M8



- Includes:
- Bolt
 - Washer

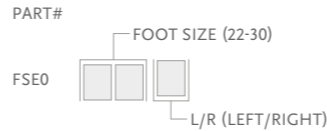
Picture	Part#	Description
1	SLX30006	Alignment Pin
2	CM140003	Heel Divider
	CM160009	Potting Epoxy



FLEX-SYMES™

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*



- Includes:
- Foot Cover*
 - Attachment Plate
 - Flex Foot Sock

*Please specify when ordering brown covers add "BR" to the part#.

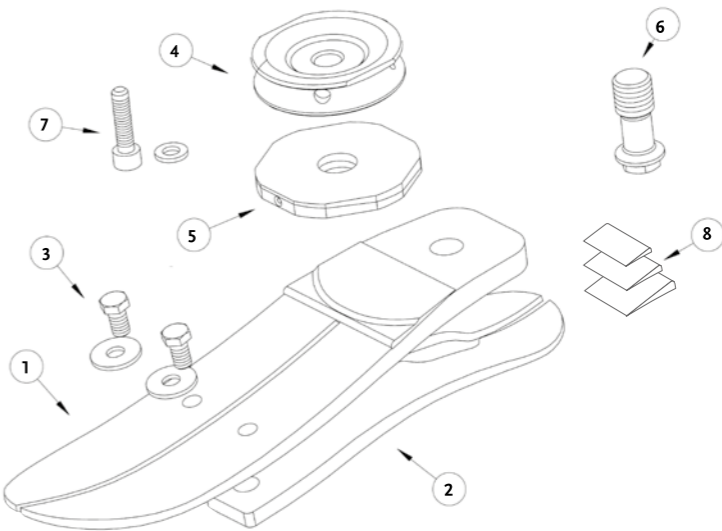
FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FSEL60001	Black Sock Small 1 pc	22-25	Black
FSEL60002	Black Sock Large 1 pc	26-30	Black
FSEL60001-15	Black Sock Small 15 pc	22-25	Black
FSEL60002-15	Black Sock Large 15 pc	26-30	Black



DIAGRAM



	Description		Description
1	Foot Module	5	Alignment Disc Kit
2	Heel	6	Central Bolt
3	Heel Fastener Hardware Kit	7	Anti-Rotation Bolt Kit
4	Socket Adapter	8	Heel Wedge Kit

CHOPART



This 100% carbon keel is designed to be a flexible and durable solution for the longest amputation levels and partial foot prostheses.

Includes a 10mm heel height for compatibility with standard Flex-Foot shells and low-heel shoes.

Chopart is specifically designed for people with chopart amputations as well as lisfranc, pirogoff, boyd and partial foot prostheses.



User Information	
Amputation Level:	Transtibial Amputees Lisfranc, Pirogoff, Boyd and Partial Foot Amputees
Impact Level:	Low to High
Maximum Patient Weight:	147kg (324lbs)

Foot Information	
Categories:	1-8
Sizes:	22-30
Weight of Foot: (Size 27)	94g (3.3oz)
Build Height: (Size 27)	6mm (1/4")

PROPORTIONAL
RESPONSE

FULL LENGTH
TOE LEVER

WATERPROOF

ORDERING INFORMATION

FOR COMPLETE FOOT



CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	97-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324
Low Impact Level	1	1	2	3	4	5	6	7	8
Moderate Impact Level	1	2	3	4	5	6	7	8	Special Order
High Impact Level	2	3	4	5	6	7	8	Special Order	Special Order

Chopart foot plates are a standard order in the following sizes and categories:

Sizes 22-24 in categories 1-5

Sizes 25-26 in categories 2-6

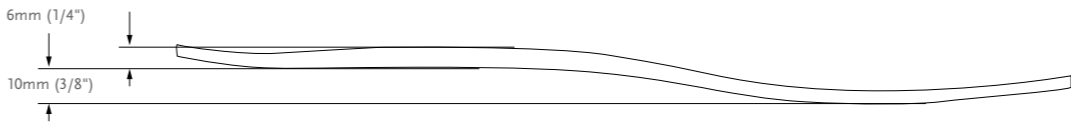
Sizes 27-28 in categories 3-7

Sizes 29-30 in categories 4-8

For information on special or custom orders, please contact your local Össur representative.

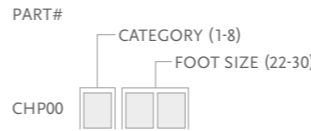
CHOPART

CLEARANCE



COMPONENTS

COMPLETE FABRICATION KIT

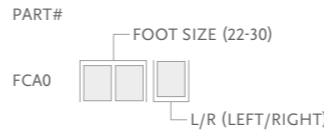


- Includes:
- Carbon Fiber Foot Plate
 - Carbon Fiber cloth
 - Epoxy
 - Crepe soling material



COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*



- Includes:
- Foot Cover*
 - Attachment Plate
 - Flex Foot Sock

*Please specify when ordering brown covers add "BR" to the part#.



Part#	Description	Size
FCX63006	Flex-Foot Sock	23-25
FCX63007	Flex-Foot Sock	26-30



FLEX-FOOT® ACCESSORIES

SHOE HORN
Especially designed for Flex-Foot feet, this shoe horn makes donning and doffing foot shells fast and easy.

Part#	Description
CM100068	Shoe Horn

DUAL DENSITY SHIN FAIRING
The Dual Density Shin Fairing allows the range of motion in the ankle section to be maximized without compromising the integrity of the foam where it is attached to the foot cover.

Part#	Size
FCX0002	One Size

- Includes:
- Flexible section at ankle
 - Fire retardant



UNITY® SPARE PARTS

VALVE CORE

Picture	Part#	Description
1	UTT0005	Unity TT Valve Core
2	UTF0006	Unity Tube Kit for TF



PUMPS

PROPRIO FOOT PUMPS

Part#	Description
UPR00012	Unity PR Spare Pump 25-27
UPR00013	Unity PR Spare Pump 28-30

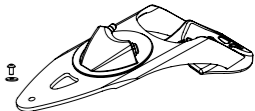
- Includes:
- Frame
 - Membrane
 - Check valves
 - Barb fittings
 - Tube
 - Tube fastener
 - Heel pad



RE-FLEX PUMPS

Part#	Description
URS00011	Unity RS Spare Pump 22-24
URS00012	Unity RS Spare Pump 25-27
URS00013	Unity RS Spare Pump 28-30

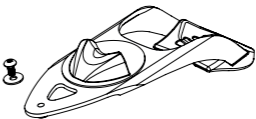
- Includes:
- Frame
 - Membrane
 - Check valves
 - Barb fittings
 - Tube
 - Tube fastener
 - Heel pad



VARI-FLEX PUMPS

Part#	Description
UVF00011	Unity VF Spare Pump 22-24
UVF00012	Unity VF Spare Pump 25-27
UVF00013	Unity VF Spare Pump 28-30

- Includes:
- Frame
 - Membrane
 - Check valves
 - Barb fittings
 - Tube
 - Tube fastener
 - Heel pad



LP VARI-FLEX PUMPS

Part#	Description
UVL00011	Unity VL Spare Pump 22-24
UVL00012	Unity VL Spare Pump 25-27
UVL00013	Unity VL Spare Pump 28-30

- Includes:
- Frame
 - Membrane
 - Check valves
 - Barb fittings
 - Tube
 - Tube fastener
 - Heel pad



ÖSSUR SPORT SOLUTIONS



CHEETAH KNEE



FLEX-RUN WITH NIKE SOLE



FLEX-FOOT CHEETAH XTREME
WITH NIKE SPIKE PAD



FLEX-FOOT CHEETAH XTEND
WITH NIKE SPIKE PAD



FLEX-FOOT CHEETAH

CHEETAH® KNEE



UNITY
COMPATIBLE

The Cheetah Knee is a lightweight polycentric knee with 3-phase hydraulic swing control, specifically designed for rapid flexion and extension for running and sprinting. The polycentric design offers good stability in stance, allowing for controlled deceleration enabling users to participate in a wide range of sports activities. Although not specifically designed for walking, Cheetah Knee's 4-bar geometry makes it possible to walk and easily transition from walking to jogging and/or running.

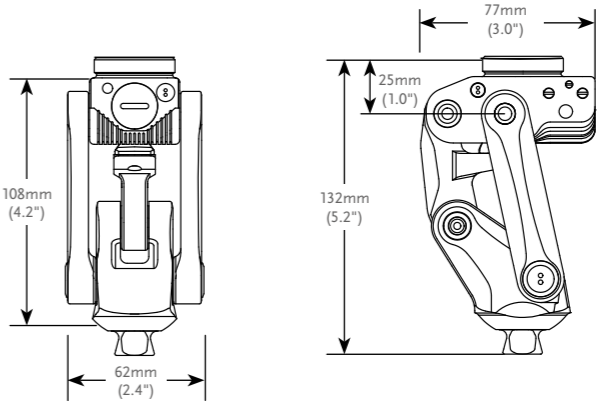
- Polycentric knee, designed for high activity such as jogging, running and sprinting
- 4-bar geometry for increased stability in stance
- Hydraulic swing control to support rapid flexion and extension
- Soft extension bumper
- Short knee center to top distance, useful for long transfemoral limbs or knee disarticulation
- Male pyramid distal connection for easy alignment



Patient Profile:	
Amputation Level:	Transfemoral, Knee Disarticulation
Impact Level:	Moderate to Extreme
Maximum Patient Weight:	100kg (220lbs)

Product Information:	
Build Height:	108mm (4.3")
Weight of Knee:	0.62kg (1.37lbs)
Flexion:	110°

CLEARANCE



KITS

Part#	Description
CKN10000	Cheetah Knee

CHEETAH® KNEE

COMPONENTS

TOTAL KNEE ADAPTERS

Picture	Part#	Description	Material	Weight Limit		Weight	
1	A-114040	4- Prong Socket Adapter	Stainless Steel	166kg	365lbs	158g	5.6oz
2	A-122300	Euro 4-Hole Adapter	Aluminum	125kg	275lbs	70g	2.5oz
3	A-834300	Male Pyramid Adapter	Stainless Steel	100kg	220lbs	111g	3.9oz
3	A-835300	Male Pyramid Adapter	Titanium	166kg	365lbs	80g	2.8oz
4	A-845300	Female Pyramid Adapter	Titanium	166kg	365lbs	85g	3oz



FLEX-RUN™ WITH NIKE SOLE



The Flex-Run with Nike Sole offers unmatched performance and efficiency for amputees and prosthetists. Össur and Nike have partnered to design the ideal running foot from the ground up, leveraging Össur's unmatched expertise in running prosthetics with Nike's world renowned traction and sole technologies.

The improved Flex-Run features a longer toe lever and efficient energy return. The Nike Sole offers great traction to help improve performance for the runner while improving efficiency and results for the prosthetist.

Flex-Run with Nike Sole is appropriate for Transfemoral and Transtibial users participating in high impact activities such as recreational jogging, trail running, distance running and triathlons. It is available in both Standard and Junior (LP) models.



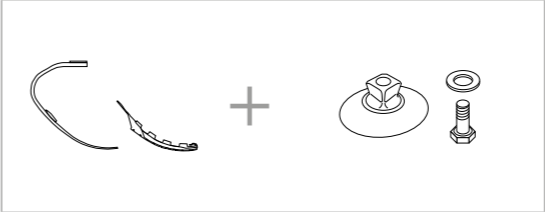
User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	High to Extreme
Maximum Patient Weight:	130kg (287lbs)

Foot Information	
Categories:	1-9
Sizes:	One Size Per Category
Weight of Foot (Cat. 5):	400g (14.1oz) 694g (24.4oz) with Sole and Male Pyramid
Build Height:	261mm (10 1/4") 277mm (10 7/8") with Sole and Male Pyramid
Adapter Options:	Male or Female Bolt on Pyramid

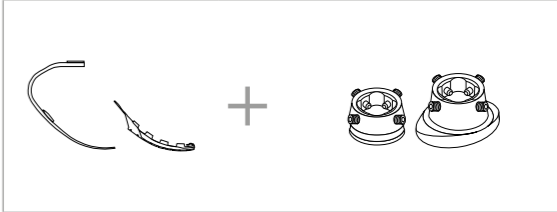


ORDERING INFORMATION

FOR COMPLETE FLEX-RUN KIT WITH MALE PYRAMID



FOR COMPLETE FLEX-RUN KIT WITH FEMALE PYRAMID

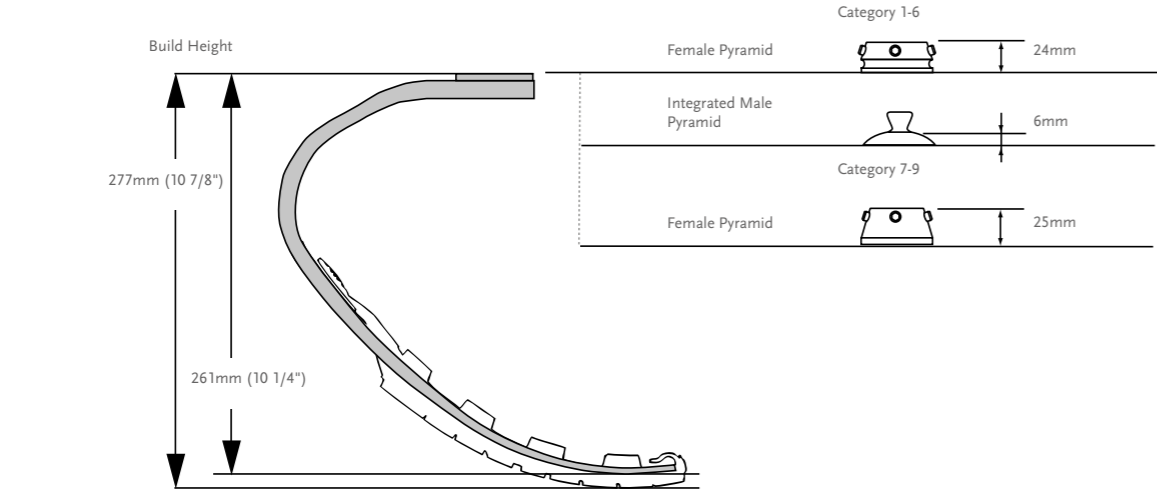


FLEX-RUN™ WITH NIKE SOLE

CATEGORY SELECTION CHART

Weight kg	37-44	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130
Weight lbs	81-96	97-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287
High to Extreme Impact Level	1	2	3	4	5	6	7	8	9

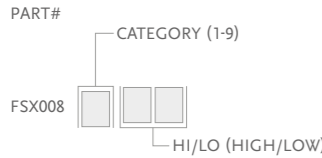
CLEARANCE



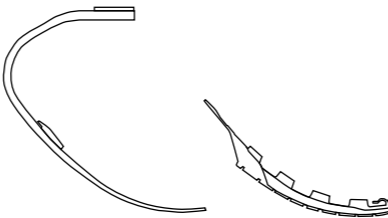
Note: Sole adds 10mm (3/8") to build height.

KITS

FLEX-RUN KIT



- Includes:
- Foot Module
 - Attachment Plate (can be supplied bonded on the foot upon request)
 - Nike Sole
 - Bag for Nike Sole



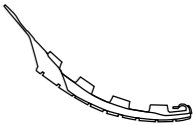
FLEX-RUN™ WITH NIKE SOLE

KITS

NIKE SOLE KIT

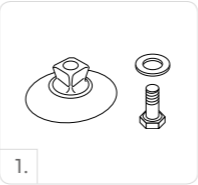
Part#	Size	Cat.
CM150163	One Size	1-9

- Includes:
- Nike Sole
 - Medallion
 - Loctite
 - Bag for Nike Sole



FOOT ADAPTER SETS

Picture	Part#	Description	Weight	Bolt Size	Cat.
1	FWX00030	Male Pyramid Foot Adapter Set	75g	M10 x 40mm	1-6
2	CM150161	Female Pyramid Foot Adapter Set	100g	M10 x 35mm	1-6
2	CM150162	Female Pyramid Foot Adapter Set	186g	M12 x 50mm	7-9



REPLACEMENT BOLT

Part#	Size	Cat.
CM130221	M10 x 40	1-6

COMPONENTS

Part#	Description	Cat.
FWX40001	Attachment Plate	1-6
FWX40002	Attachment Plate	7-9

FLEX-FOOT CHEETAH®



A true champion – The only prosthetic foot that has ever run the Olympics.

The Cheetah was the first sport foot of it's kind when first launched in 1996. Ever since the Cheetah has been the foot of choice for athletes around the globe.

Cheetah is recommended for longer distance running for TT users that do not have clearance for Flex-Run with Nike Sole. For sprinting the new Team Össur favorites, Cheetah Xtreme and Cheetah Xtend are recommended.



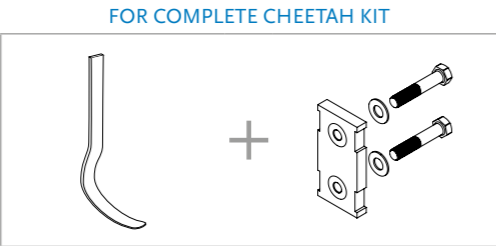
User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Extreme
Maximum Patient Weight:	147kg (325lbs)

PROPORTIONAL RESPONSE

ACTIVE TIBIAL PROGRESSION

Foot Information	
Categories:	1-9
Sizes:	One Size Per Category
Weight of Foot:	512g (18.1oz)
Build Height:	411mm (16 3/8")
Adapter Options:	Lamination Connector or Pylon Connector

ORDERING INFORMATION



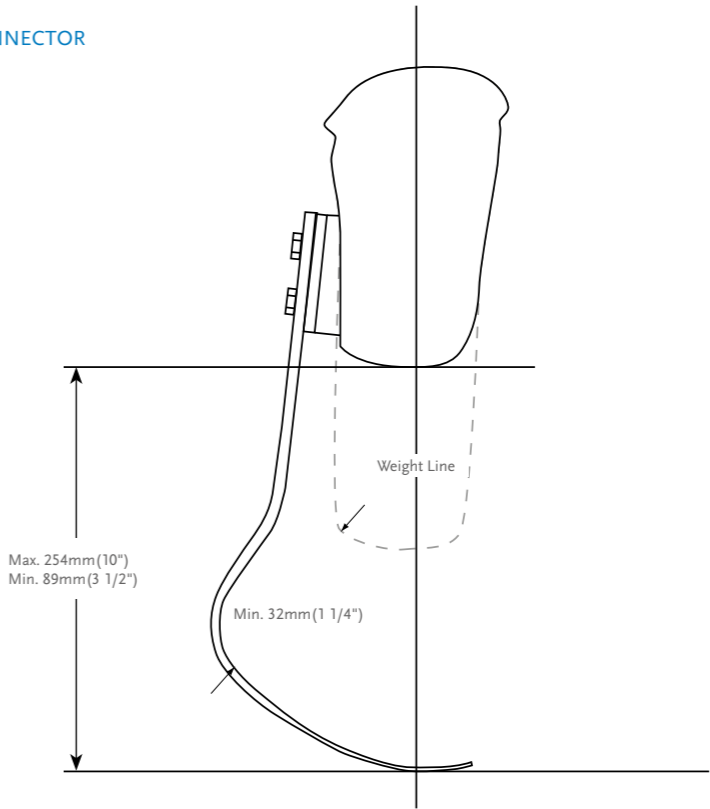
CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	97-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-325
Extreme Impact Level	1	2	3	4	5	6	7	8	9

FLEX-FOOT CHEETAH®

CLEARANCE

WITH LAMINATION CONNECTOR



KITS

CHEETAH KIT

PART#

CATEGORY (1-9)

FSX004

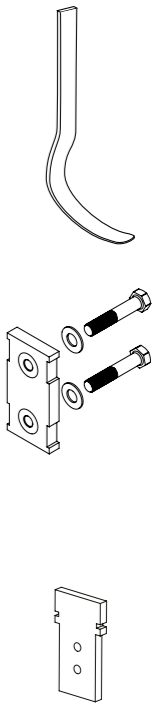
LAMINATION CONNECTOR KIT

Part#	Description	Cat.
FSX50009	Lamination Connector	1-9

- Includes:
- Connector
 - Alignment Wedges (2°, 4°, 6°, 8°)
 - Attachment Hardware
 - Lamination Kit

Part#	Description	Cat.
FSX50003	Pylon Connector	1-6
FSX50004	Pylon Connector	7-9

- Includes:
- Connector
 - Alignment Wedges (2°, 4°, 6°, 8°)
 - Attachment Hardware
 - Lamination Kit



FLEX-FOOT CHEETAH®

KITS

Picture	Part#	Description	Size	Cat.
1	CM130218	Attachment Bolt for Lamination Connector	5/16"-24 x 1 1/2"	1-6
	CM130213	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/4"	7-9
2	CM130305	Attachment Bolt for Pylon Connector	5/16"-24 x 1 1/2"	1-6
	CM130304	Attachment Bolt for Pylon Connector	3/8"-24 x 1 3/4"	7-9

L-BRACKET WITHOUT INSERTS

Picture	Part#	Description	Cat.
1	FSX40003	5° L-Bracket Without Inserts	1-6
2	FSX40001	20° L-Bracket Without Inserts	1-6

L-BRACKET KITS

Picture	Part#	Description	Cat.
1	FSX50005	5° L-Bracket Kits	1-6
2	FSX50006	20° L-Bracket Kits	1-6

- Includes:
- L-Bracket without inserts
 - Pyramid Attachment Hardware
 - Alignment Wedges
 - Alignment Hardware

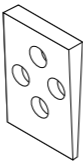
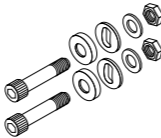
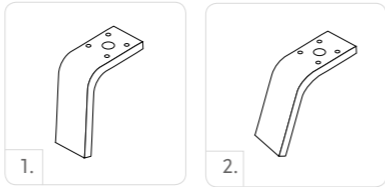
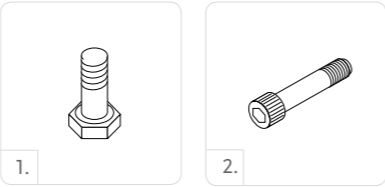
HARDWARE KIT FOR T CONNECTORS

Part#	Length		Weight		Size	Cat.
CM100054	8mm	5/16"	108g	3.8oz	x 2-1/2"	1-6
CM100055	10mm	3/8"	144g	5oz	x 2-1/2"	7-9

- Includes:
- Bolts
 - Nuts
 - Spherical Washer
 - Flat Washer

ALIGNMENT WEDGES

Part#	Description	Cat.
CM140502	Alignment Wedges 2°	ALL
CM140505	Alignment Wedges 4°	ALL
CM140508	Alignment Wedges 6°	ALL
CM140511	Alignment Wedges 8°	ALL



FLEX-FOOT CHEETAH® XTREME WITH NIKE SPIKE PAD



The blade of champions – inspired by the world's fastest. Cheetah Xtreme is the optimal short-distance sprinting foot, a holder of multiple world records.

Designed specifically for the fast, short-distance sprints, the carbon blade features a more extreme curve than the other Cheetahs. This dynamic shape allows the foot to flex more offering a powerful energy kick. A longer, flatter toe enhances push off, while the plantar-flexed pylon supports better forward progression.

The Nike Spike Pad has been designed exclusively for the Cheetah. It provides specialized traction that has been optimized for the blade.

A new alignment adapter for the Cheetah is now available for quicker set up and easier alignment of the blade.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Extreme
Maximum Patient Weight:	147kg (325lbs)

PROPORTIONAL
RESPONSE

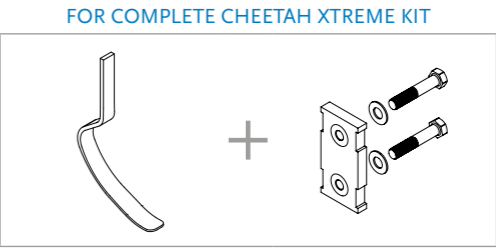
ACTIVE TIBIAL
PROGRESSION

WATERPROOF

Foot Information	
Categories:	1-9
Sizes:	One Size Per Category
Weight of Foot:	918g (32.4oz)
Max Build Height:	530mm (20 14/16")
Min Build Height:	375mm (14 3/4")
Adapter Options:	Lamination Connector

Note: Build height is from bottom of foot to center of lower bolt hole of lamination plate.

ORDERING INFORMATION



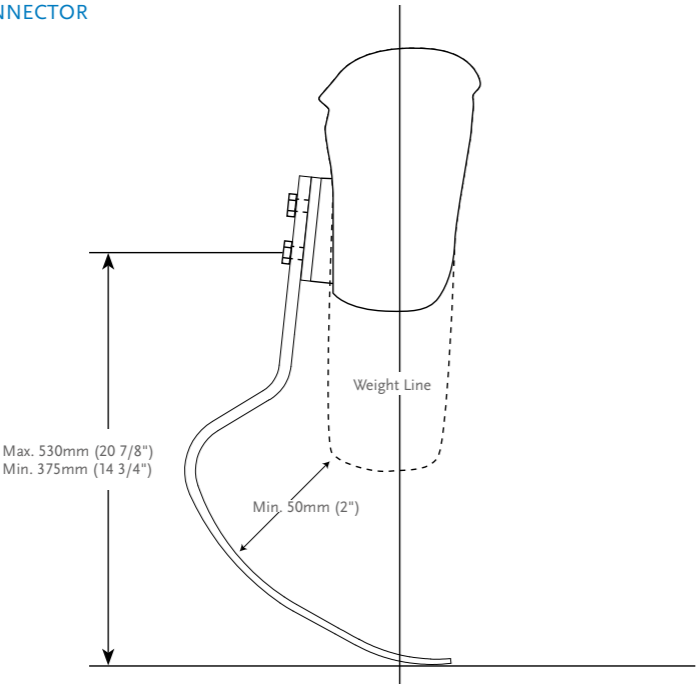
CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbS	97-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-325
Extreme Impact Level	1	2	3	4	5	6	7	8	9

FLEX-FOOT CHEETAH® XTREME WITH NIKE SPIKE PAD

CLEARANCE

WITH LAMINATION CONNECTOR

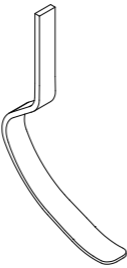


KITS

CHEETAH XTREME KIT

PART#	CATEGORY (1-9)
FSX003	

- Includes:
- Cheetah Xtreme Blade
 - Nike Spike Pad Kit



NIKE SPIKE PAD KIT

Part#	Description	Cat.
FSX50008	Nike Spike Pad	1-9

- Includes:
- Nike Spike Pad
 - 7mm (9/32") Pyramid Spikes
 - Wrench

Note: Nike Spike Pad has same spikes as Nike track and field shoes, additional spikes can be purchased at Nike.



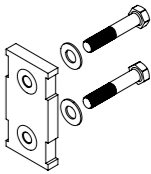
FLEX-FOOT CHEETAH® XTREME WITH NIKE SPIKE PAD

KITS

LAMINATION CONNECTOR KIT

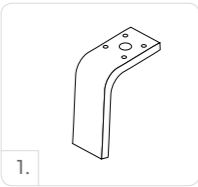
Part#	Description	Cat.
FSX50009	Lamination Connector	1-9

- Includes:
- Connector
 - Alignment Wedges (2°, 4°, 6°, 8°)
 - Attachment Hardware
 - Lamination Kit



L-BRACKET WITHOUT INSERTS

Picture	Part#	Description	Cat.
1	FSX40003	5° L-Bracket Without Inserts	1-6
2	FSX40001	20° L-Bracket Without Inserts	1-6



L-BRACKET KITS

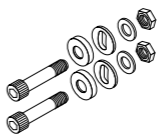
Picture	Part#	Description	Cat.
1	FSX50005	5° L-Bracket Kits	1-6
2	FSX50006	20° L-Bracket Kits	1-6

- Includes:
- L-Bracket without inserts
 - Pyramid Attachment Hardware
 - Alignment Wedges
 - Alignment Hardware

HARDWARE KIT FOR T CONNECTORS

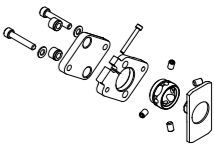
Part#	Length		Weight		Size	Cat.
CM100055	10mm	3/8"	144g	5oz	x 2-1/2"	1-9

- Includes:
- Bolts
 - Nuts
 - Spherical Washer
 - Flat Washer



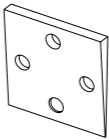
ALIGNMENT ADAPTER KIT

Part#	Description	Cat.
FSX50007	Alignment Adapter	ALL



ALIGNMENT WEDGES

Part#	Description	Cat.
CM140515	Alignment Wedges 2°	ALL
CM140516	Alignment Wedges 4°	ALL
CM140517	Alignment Wedges 6°	ALL
CM140518	Alignment Wedges 8°	ALL



TTACHMENT BOLT FOR LAMINATION CONNECTOR

Part#	Description	Size	Cat.
CM130211	Attachment Bolt for Lamination Connector	3/8"-24 x 1 1/2"	1-9
CM130213	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/4"	1-9
CM130214	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/8"	1-9



FLEX-FOOT CHEETAH® XTEND WITH NIKE SPIKE PAD



Kick into high gear with a responsive and comfortable ride from start to finish.

The Cheetah Xtend is the perfect companion for longer sprints and short-distance running (400-5000m). This highly effective carbon fiber blade has a continuous curve toward the toe offering a smooth rollover. The longer, flatter toe enhances push off, while the plantar flexed pylon supports better forward progression.

The Nike Spike Pad has been designed exclusively for the Cheetah. It provides specialized traction that has been optimized for the blade.

A new alignment adapter for the Cheetah is now available for quicker set up and easier alignment off the blade.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Extreme
Maximum Patient Weight:	147kg (325lbs)

PROPORTIONAL
RESPONSE

ACTIVE TIBIAL
PROGRESSION

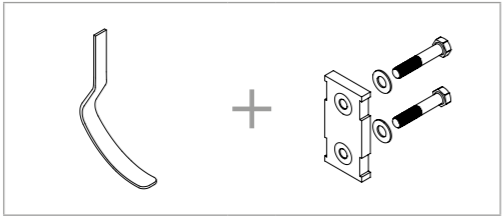
WATERPROOF

Foot Information	
Categories:	1-9
Sizes:	One Size Per Category
Weight of Foot:	750g (26.4oz)
Max Build Height:	451mm (17 3/4")
Min Build Height:	330mm (13")
Adapter Options:	Lamination Connector

Note: Build height is from bottom of foot to center of lower bolt hole of lamination plate.

ORDERING INFORMATION

FOR COMPLETE CHEETAH XTEND KIT



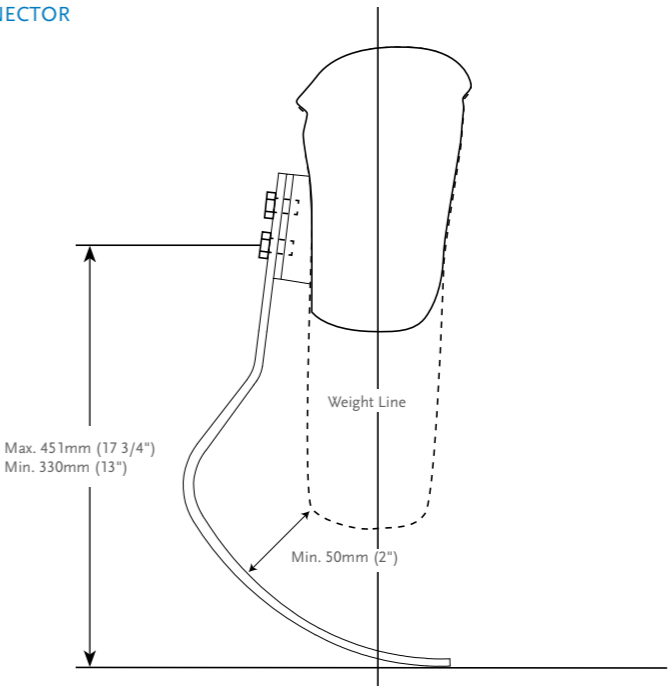
CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	97-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-325
Extreme Impact Level	1	2	3	4	5	6	7	8	9

FLEX-FOOT CHEETAH® XTEND WITH NIKE SPIKE PAD

CLEARANCE

WITH LAMINATION CONNECTOR

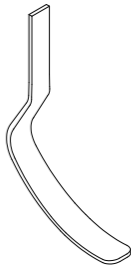


KITS

CHEETAH XTEND KIT

PART#	CATEGORY(1-9)
FSX006	

- Includes:
- Cheetah Xtend Blade
 - Nike Spike Pad Kit



NIKE SPIKE PAD KIT

Part#	Description	Cat.
FSX50008	Nike Spike Pad	1-9

- Includes:
- Nike Spike Pad
 - 7mm (9/32") Pyramid Spikes
 - Wrench

Note: Nike Spike Pad has same spikes as Nike track and field shoes, additional spikes can be purchased at Nike.



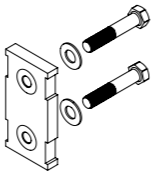
FLEX-FOOT CHEETAH® XTEND WITH NIKE SPIKE PAD

KITS

LAMINATION CONNECTOR KIT

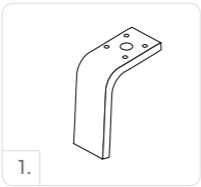
Part#	Description	Cat.
FSX50009	Lamination Connector	1-9

- Includes:
- Connector
 - Alignment Wedges (2°, 4°, 6°, 8°)
 - Attachment Hardware
 - Lamination Kit



L-BRACKET WITHOUT INSERTS

Picture	Part#	Description	Cat.
1	FSX40003	5° L-Bracket Without Inserts	1-6
2	FSX40001	20° L-Bracket Without Inserts	1-6



L-BRACKET KITS

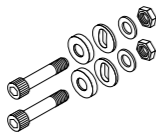
Picture	Part#	Description	Cat.
1	FSX50005	5° L-Bracket Kits	1-6
2	FSX50006	20° L-Bracket Kits	1-6

- Includes:
- L-Bracket without inserts
 - Pyramid Attachment Hardware
 - Alignment Wedges
 - Alignment Hardware

HARDWARE KIT FOR T CONNECTORS

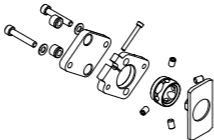
Part#	Length	Weight	Size	Cat.
CM100055	10mm 3/8"	144g 5oz	x 2-1/2"	1-9

- Includes:
- Bolts
 - Nuts
 - Spherical Washer
 - Flat Washer



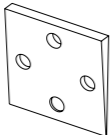
ALIGNMENT ADAPTER KIT

Part#	Description	Cat.
FSX50007	Alignment Adapter	ALL



ALIGNMENT WEDGES

Part#	Description	Cat.
CM140515	Alignment Wedges 2°	ALL
CM140516	Alignment Wedges 4°	ALL
CM140517	Alignment Wedges 6°	ALL
CM140518	Alignment Wedges 8°	ALL



TTACHMENT BOLT FOR LAMINATION CONNECTOR

Part#	Description	Size	Cat.
CM130211	Attachment Bolt for Lamination Connector	3/8"-24 x 1 1/2"	1-9
CM130213	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/4"	1-9
CM130214	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/8"	1-9



ÖSSUR JUNIOR SOLUTIONS



ICEROSS JUNIOR



TOTAL KNEE JUNIOR



FLEX-FOOT JUNIOR



VARI-FLEX JUNIOR



FLEX-RUN JUNIOR
WITH NIKE SOLE



CHEETAH JUNIOR
WITH NIKE SOLE



CHEETAH
XPLORE JUNIOR



JUNIOR ADAPTERS

ÖSSUR JUNIOR SOLUTIONS

INTRODUCTION

The security and well-being of children are top priorities. All products in the Junior Solution range have been designed to facilitate movements distinct to children and to suit their specific anatomy.

Össur Junior Solution offers the most advanced and complete lower limb system for active youngsters.

The first product line specifically designed for children aged 5-12 years, incorporates proven silicone and carbon fiber technology for outstanding performance.

ICEROSS STABILO® JUNIOR LOCKING LINER WITH WAVE

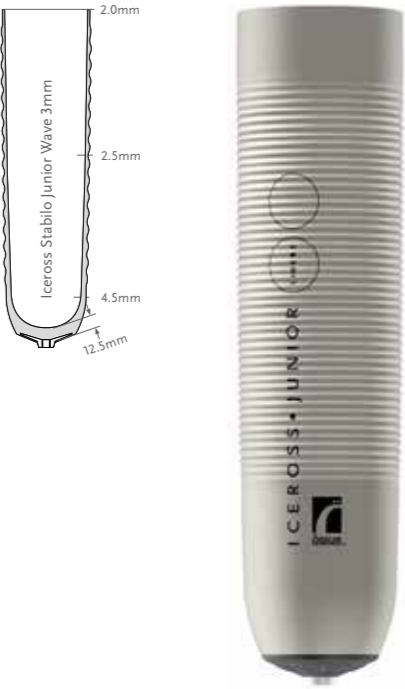


Iceross Stabilo Junior Locking Liner with Wave is especially designed for children providing them great comfort and stability.

The liner provides stability and comfort for children engaging in high impact daily activities. Active Skin Care ingredients provide soothing effects, and greater comfort and stability for a day filled with games and activities. Ideal for children that require soft tissue stabilization.

Children can decorate their liners and personalize them. There are 4 different colored permanent markers included with the liner.

Össur recommends that Iceross Stabilo Junior Locking Liner with Wave is used in conjunction with the Icelock® 700 Series.



User Information	
Amputation Level:	Transtibial application for children
Impact Level:	Low to Extreme
Liner information	
Size Standard:	12, 14, 16, 18
Profile:	3mm
Matrix:	10cm

SUSPENSION METHOD



LOCKING

FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



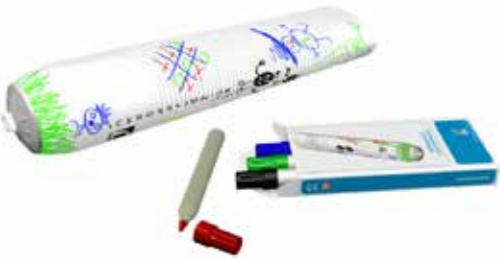
SILKEN INNER SURFACE



WAVE

PART NUMBER INFORMATION - ICEROSS STABILO JUNIOR WAVE LINER

Part#	Profile	Suspension Method	Matrix
I-8301XX	3mm	Locking	10cm



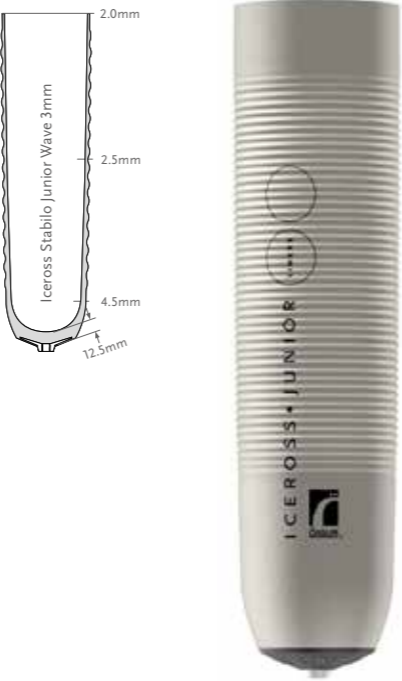
ICEROSS DERMO® JUNIOR LOCKING LINER WITH WAVE



Iceross Dermo Junior Locking Liner with Wave offers superb comfort and impact protection for children with sensitive skin engaging in medium impact daily activities. Active Skin Care ingredients are built into the silicone material.

Children can decorate their liners and personalize them. There are 4 different colored permanent markers included with the liner.

Össur recommends that Iceross Dermo Junior Locking Liner with Wave is used in conjunction with the Icelock® 700 Series.



User Information	
Amputation Level:	Transtibial application for children
Impact Level:	Low to High
Liner Information	
Size Standard:	12,14,16,18
Profile:	3mm
Matrix:	10mm

SUSPENSION METHOD



LOCKING

FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



WAVE

PART NUMBER INFORMATION - ICEROSS DERMO JUNIOR WAVE LINER

Part#	Profile	Suspension Method	Matrix
I-8302XX	3mm	Locking	10cm



TOTAL KNEE® JUNIOR



The Total Knee Junior is a small version of the adult models which offers security, natural motion, walking ease, and easy to cosmetically cover. Offerering up to 160 degrees of knee flexion makes the Total Knee Junior extremely versatile and natural for children who have a broad range of very high level activities: walking, running, sitting, squatting, and kneeling activities.

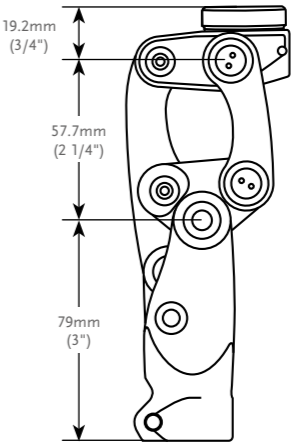
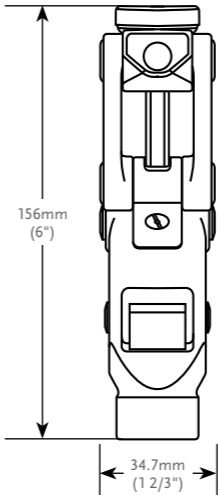
- Polycentric knee with geometric locking system
- Adjustable stance flexion
- Adjustable extension promoter
- Low build height and slender profile



Patient Profile:	
Amputation Level:	Transfemoral and Knee Disarticulation
Impact Level:	All
Maximum Patient Weight:	45kg (100lbs)

Product Information:	
Build Height:	156mm (6")
Weight of Knee:	395g (0.87lbs)
Flexion:	Stop at 160°

CLEARANCE



TOTAL KNEE® JUNIOR

KITS

Part#	Description
1100	Total Knee Junior

COMPONENTS

PEDIATRIC 4-HOLE ADAPTER

An additional option for knee disarticulation

Part#	Description	Build Height		Weight	
AJ-122300	Aluminum	8.5mm	5/16"	36g	1.3oz



PEDIATRIC PYRAMID ADAPTER (RATED TO 45KG)

Best indicated for users requiring further alignment adjustments.

Part#	Description	Build Height		Weight	
AJ-831300	Aluminum / Titanium Pyramid Insert	17.5mm	11/16"	41g	1.4oz



BUMPER SELECTION CHART

Part#	Description	Color	Durometer	Patient Weight Kg
1100-119G	Bumper	Green	Soft	Approx. 14-20kg (30-44lbs)
1100-119B	Bumper	Black	Regular	Approx. 20-29kg (44-64lbs)
1100-119R	Bumper	Red	Firm	Approx. 29-36kg (64-79lbs)
1100-119Y	Bumper	Yellow	Extra Firm	Approx. 36-45kg (79-99lbs)

PEDIATRIC BUMPER AND SHIM KIT

Part#	Description
1100-Kit	A complete set of Bumpers and Shims

- Includes:
- One Bumper of each durometer
 - One 0.38mm Shim
 - One 0.76mm Shim

SHIMS

Part#	Description
1100-121A	0.38mm Plastic Shim
1100-121B	0.76mm Plastic Shim

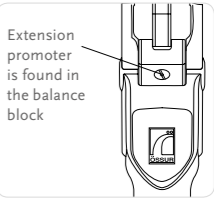
TOTAL KNEE® JUNIOR

COMPONENTS

EXTENSION PROMOTER

The extension promoter assists in reducing excessive heel rise during periods of faster walking or increased activity.

Part#	Description
1105-A	Assists in limiting heel rise, and moving the knee into a fully extended position.



EXTENSION ASSIST

Part#	Description	Color	Stiffness
1170	Fully assembled extension with yellow spring inserted. Also includes blue spring.	Yellow	Regular
		Blue	Firm

JUNIOR COSMETIC FINISHING

Picture	Part#	Description
1	1145	Junior Shin Ferrule, black. Protects the knee unit and increases ease of foam cover application.
2	1150	Junior Knee Cap, small, black
3	1151	Junior Knee Cap, large, beige



VARI-FLEX® JUNIOR



Vari-Flex Junior provides an exclusive combination of comfort and dynamics. It is specially made for those children who require the additional energy response.

Vari-Flex Junior is lightweight, easy to assemble and has a slender profile which makes it easy to cosmetically cover. It ensures the highest levels of user confidence and security. Promoting a natural gait with less fatigue and strain on the lower back and sound side, it is the ideal foot for any activity.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	55kg (121lbs)

PROPORTIONAL RESPONSE

CARBON-X® ACTIVE HEEL

FULL LENGTH TOE LEVER

ACTIVE TIBIAL PROGRESSION

SANDAL TOE

WEATHERPROOF

Foot Information	
Categories:	1-4
Sizes:	16-24
Weight of Foot: (Size 18)	0.314kg (11oz)
Build Height: (Size 18)	120mm (4 3/4")
Heel Height:	10mm (3/8")
Adapter Options:	Integrated male pyramid. Cat. 1-3 use Junior Pyramids; Cat. 4 uses Adult Pyramids.

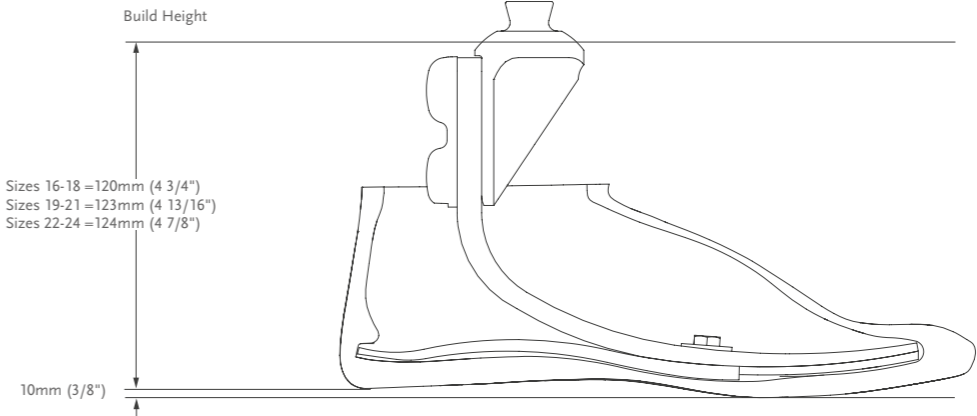
CATEGORY SELECTION CHART

Weight kg	15-24	25-34	35-45	46-55
Weight lbs	33-53	54-75	76-99	100-121
16	1	N/A	N/A	N/A
17	1	N/A	N/A	N/A
18	1	2	N/A	N/A
19	1	2	N/A	N/A
20	N/A	2	3	N/A
21	N/A	2	3	N/A
22	N/A	2	3	4
23	N/A	2	3	4
24	N/A	N/A	N/A	4

NOTE: The above categories apply only to Vari-Flex Junior

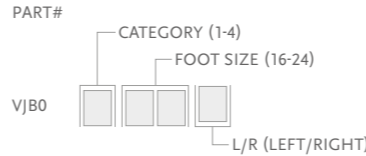
VARI-FLEX® JUNIOR

CLERANCE



KITS

VARI-FLEX JUNIOR KIT WITH MALE PYRAMID

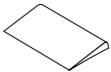


- Includes:
- Foot Module
 - Heel Wedge
 - Male Pyramid

COMPONENTS

JUNIOR HEEL WEDGE KIT

Part#	Foot Size	Cat.
CM150017	16-24	All

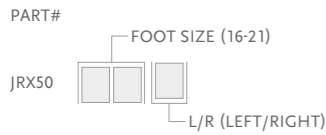


- Includes:
- 1 Wedge
 - Adhesive

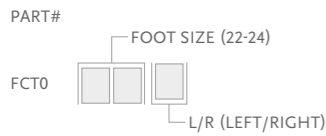
VARI-FLEX® JUNIOR

COSMETIC FINISHING

SIZES 16-21



SIZES 22-24



- Includes:
- Foot Cover*
 - Flex-Foot Sock

*Please specify when ordering brown covers add "BR" to the part#.

Part#	Description	Size
FCX63008	Flex-Foot Sock	16-24



FLEX-FOOT® JUNIOR



Flex-Foot Junior provides that important energy return that children require. The Carbon X® Active Heel stores energy and absorbs shock loads while the full-length toe lever contributes to stability and even stride length.

The low profile, energy storing foot module features a sandal toe shape and an integrated male pyramid. The shape of the pyramid adapter contributes to progressive stiffening of the foot, and the carbon fiber layering technique is specifically designed to offer the support and flexibility needed for the varied movements of children.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	45kg (100lbs)



Foot Information	
Categories:	1-3
Sizes:	16-21
Weight of Foot: (Size 19)	0.288kg (10.2oz)
Build Height: (Size 19)	46mm (1 13/16")
Heel Height:	10mm (3/8")
Adapter Options:	Integrated male pyramid.

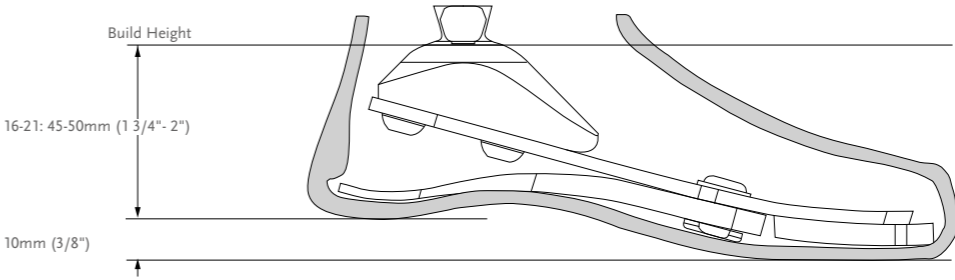
CATEGORY SELECTION CHART

Weight kg	15-24	25-34	35-45
Weight lbs	33-53	54-75	76-99
CATEGORY	1	2	3

NOTE: The above categories apply only to Flex-Foot Junior

*All sizes not available for each category

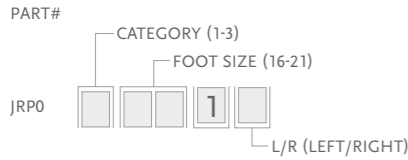
CLERANCE



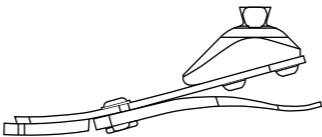
FLEX-FOOT® JUNIOR

KITS

FLEX-FOOT JUNIOR



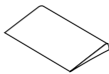
- Includes:
- Toe Cushion
 - Foot Module
 - Heel Module
 - Heel Fasteners
 - Heel Wedges
 - Male Pyramid



COMPONENTS

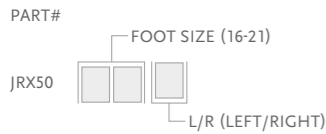
JUNIOR HEEL WEDGE KIT

Part#	Foot Size	Cat.
CM150017	16-21	All



- Includes:
- 1 Wedge
 - Adhesive

COSMETIC FINISHING



- Includes:
- Foot Cover*
 - Flex-Foot Sock

*Please specify when ordering brown covers add "BR" to the part#.

Part#	Description	Size
FCX63008	Flex-Foot Sock	16-21



FLEX-RUN™ JUNIOR WITH NIKE SOLE



The Flex-Run Junior is a custom designed solution for children. Its vertical compliance and efficient energy return are musthaves for high active children.

Designed to be the most flexible of the running feet, the Flex-Run Junior offers increased cushioning and lower-frequency dynamic makes this foot ideal for Transfemoral and Transtibial users.

The Nike Sole is designed to offer increased stability and smooth natural rollover.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	High to Extreme
Maximum Patient Weight:	84kg (185lbs)

Foot Information	
Categories:	1-6
Sizes:	One Size
Weight of Foot:	0.336kg (11.9oz)
Build Height:	Min: 200mm (7 7/ 8")
Adapter Options:	Male or Female Bolt on Pyramid

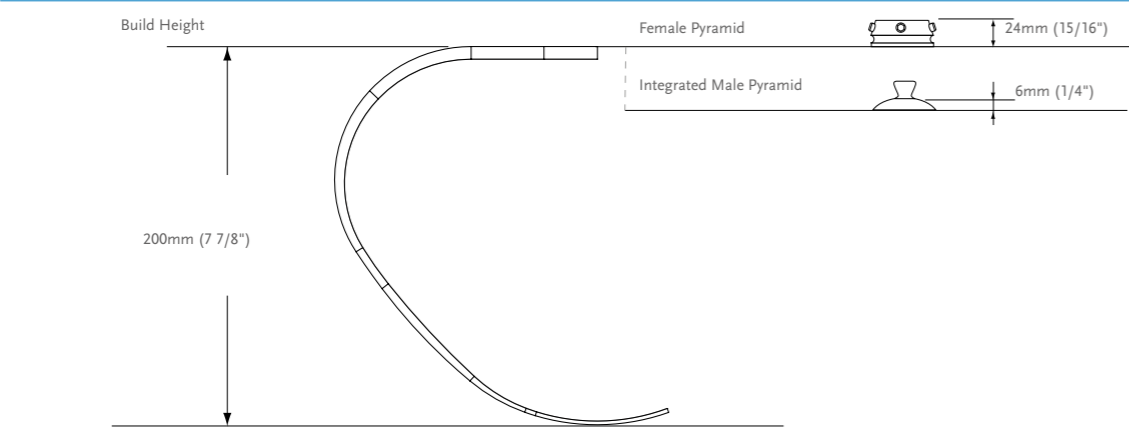


CATEGORY SELECTION CHART

Weight kg	15-24	25-34	35-45	46-55	57-67	68-84
Weight lbs	33-53	54-75	76-99	100-123	124-147	148-185
High to Extreme Impact Level	1	2	3	4	5	6

FLEX-RUN™ JUNIOR WITH NIKE SOLE

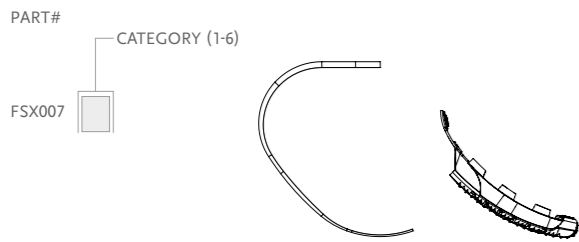
CLEARANCE



*Note: Sole adds 10mm (3/8") to build height.

KITS

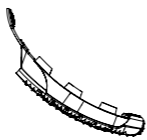
FLEX-RUN KIT



NIKE SOLE JUNIOR VERSION KIT

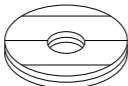
Part#	Size	Cat.
CM150164	One Size	1-6

- Includes:
- Nike Sole
 - Medallion
 - Loctite
 - Inside Sole
 - Bag for Nike Sole



COMPONENTS

Part#	Description	Cat.
FWX40001	Attachment Plate	1-6



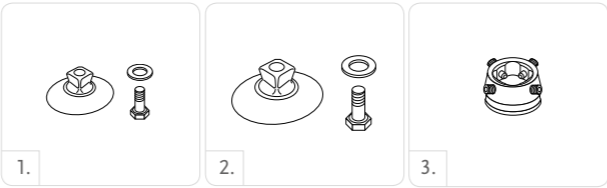
FOOT ADAPTER SETS

Picture	Part#	Description	Weight	Bolt Size	Cat.
1	FWX00031	Junior Male Pyramid Foot Adapter Set	30g	M8 x 30mm	1-3
2	FWX00030	Adult Male Pyramid Foot Adapter Set*	80g	M10 x 40mm	1-6
3	CM150161	Adult Female Pyramid Foot Adapter Set*	100g	M10 x 35mm	1-6

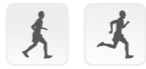
*Adult componentry is used for Flex-Run Junior

REPLACEMENT BOLT

Part#	Size	Cat.
CM130221	M10 x 40 mm	1-6
CM130103	M10 x 35 mm	1-6
CM130237	M8 x 30 mm	1-3



CHEETAH® JUNIOR WITH NIKE SOLE



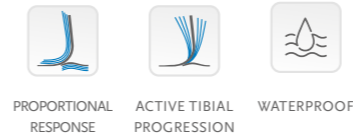
Custom-built, high-performance carbon fiber foot designed primarily for sporting activities.

This is the optimal run and play foot for both transtibial and transfemoral users. It attaches posterior to the socket, making it agile, strong and a proven performer for those children who want to practice sports.

The Nike Sole is designed to offer increased stability and smooth natural rollover.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	High to Extreme
Maximum Patient Weight:	55kg (121lbs)



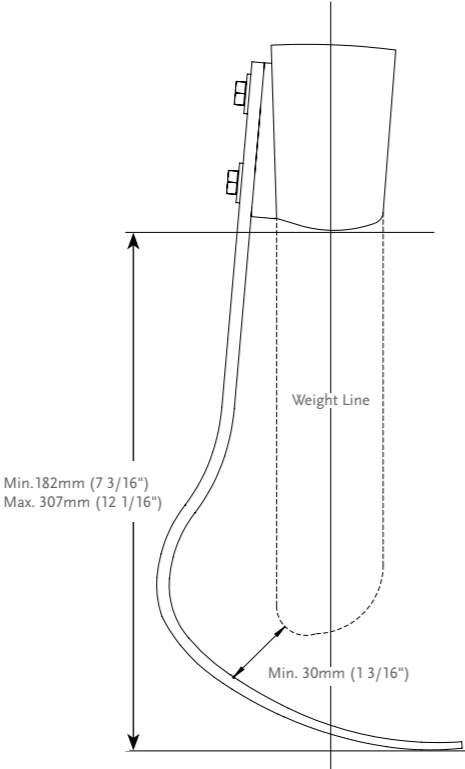
Foot Information	
Categories:	1-4
Sizes:	One Size
Weight of Foot:	0.232kg (8.2oz)
Weight of Sole:	114g (4.0oz)
Build Height:	Min:182mm (7 3/16) Max:307mm (12 1/16)
Adapter Options:	Lamination Connector

CATEGORY SELECTION CHART

Weight kg	15-24	25-34	35-45	46-55
Weight lbs	33-53	54-75	76-99	100-121
High to Extreme Impact Level	1	2	3	4

CHEETAH® JUNIOR WITH NIKE SOLE

CLEARANCE

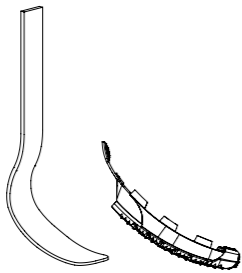


*Note: Sole adds 10mm (3/8") to build height.

KITS

CHEETAH KIT

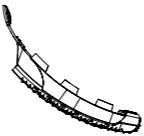
PART#	CATEGORY (1-4)
CJX0	00



NIKE SOLE JUNIOR VERSION KIT

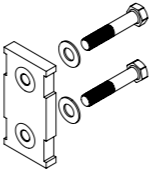
Part#	Size	Cat.
CM150164	One Size	1-4

- Includes:
- Nike Sole
 - Medallion
 - Loctite
 - Inside Sole
 - Bag for Nike Sole



COMPONENTS

Part#	Description
CHX50001	Connector Kit



CHEETAH® XPLORE JUNIOR



A custom-built, hybrid carbon fiber foot designed to function as both an everyday and sports foot.

For kids that require the flexibility of an everyday walking foot and a running foot in a single prosthesis, Cheetah Xplore Junior is the answer. Cheetah Xplore couples the proven performance of our Cheetah sprinting foot with a heel for everyday walking/standing.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Moderate to Extreme
Maximum Patient Weight:	55kg (121lbs)



PROPORTIONAL
RESPONSE



CARBON-X®
ACTIVE HEEL



FULL LENGTH
TOE LEVER



ACTIVE TIBIAL
PROGRESSION



WATERPROOF

Foot Information	
Categories:	1-4
Sizes:	One Size
Weight of Foot:	0.312kg (11 oz)
Build Height:	Min:185mm (7 5/16) Max: 311mm (12 1/4)
Adapter Options:	Lamination Connector

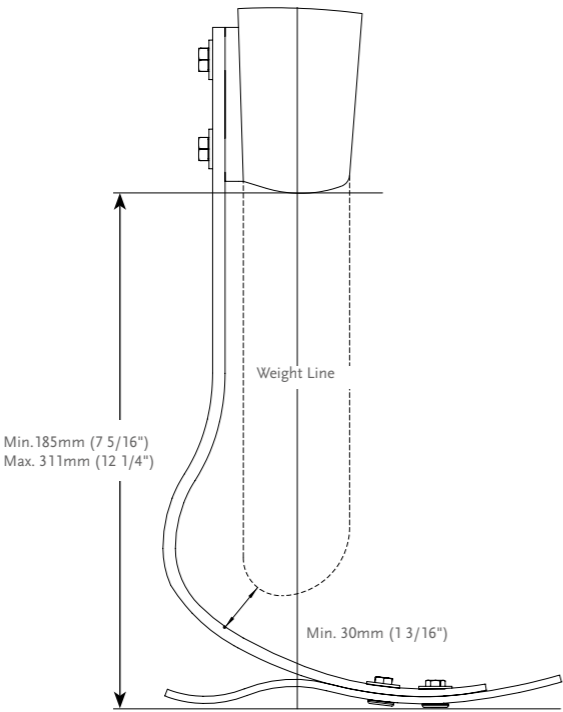
CATEGORY SELECTION CHART

Weight kg	15-24	25-34	35-45	46-55
Weight lbs	33-53	54-75	76-99	100-121
Moderate to Extreme Impact Level	1	2	3	4



CHEETAH® XPLORE JUNIOR

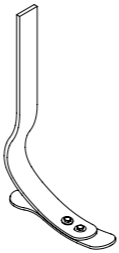
CLEARANCE



KITS

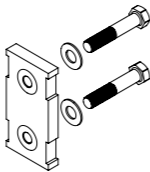
CHEETAH XPLORE KIT

PART#	CATEGORY (1-4)
CHX0	24

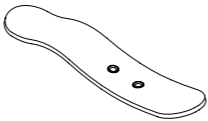


COMPONENTS

Part#	Description
CHX50001	Connector Kit



Part#	Description
CHX50002	Sole Plate For Cat. 1 & 2
CHX50003	Sole Plate For Cat. 3 & 4



CHEETAH® XPLORE JUNIOR

COSMETIC FINISHING

SIZES 19-21

PART#	FOOT SIZE (19-21)
FCX0	L/R (LEFT/RIGHT)



SIZES 22-24

PART#	FOOT SIZE (22-24)
FCA0	L/R (LEFT/RIGHT)



- Includes:
- Foot Cover*
 - Flex-Foot Sock

*Please specify when ordering brown covers add "BR" to the part#.

Part#	Description	Size
FCX63008	Flex-Foot Sock	19-24



JUNIOR ADAPTERS

SOCKET ADAPTERS (45KG (100LBS) WEIGHT LIMIT ON ALL JUNIOR ADAPTERS)

4-PRONG SOCKET ADAPTER

Part#	Material	Build Height		Weight	
AJ-114040	Stainless Steel	9.5mm	3/8"	79g	2.8oz



FEMALE PYRAMID INSERT FOR PRONG

Part#	Material	Build Height		Weight	
AJ-142300	Aluminum	12mm	1/2"	36g	1.3oz



Note: Can be used in conjunction with Models AJ-831300, AJ-122300, or AJ-114040.

MALE PYRAMID INSERT FOR PRONG

Part#	Material	Build Height		Weight	
AJ-133300	Aluminum / Stainless Steel Pyramid Insert	5.5mm	1/4"	36g	1.3oz



Note: Can be used in conjunction with Models AJ-831300, AJ-122300, or AJ-114040.

4-HOLE SOCKET ADAPTER

Part#	Material	Build Height		Weight	
AJ-122100	Aluminum	14mm	9/16"	46g	1.6oz



4-HOLE ADAPTERS

4-HOLE MALE PYRAMID

Part#	Material	Build Height		Weight	
AJ-233100	Aluminum / Stainless Steel	6mm	1/4"	39g	1.4oz



4-HOLE FEMALE PYRAMID

Part#	Material	Build Height		Weight	
AJ-242100	Aluminum	14mm	9/16"	34g	1.2oz



FEMALE TUBE CLAMP

Part#	Material	Build Height		Weight	
AJ-342100	Aluminum	14mm	9/16"	48g	1.7oz



TUBE JUNIOR, 22MM (7/8")

Part#	Material	Length		Weight	
AJ-712010	Aluminum	250mm	9 3/4"	104g	3.7oz



SACH FOOT ADAPTER

8MM (5/16") SACH FOOT ADAPTER

Part#	Material	Build Height		Weight	
AJ-833100	Stainless Steel Aluminum	6mm	1/4"	54g	1.9oz



ÖSSUR POST-OP SOLUTIONS



ÖSSUR RIGID DRESSING



ICEROSS POST-OP LINER



ICEROSS MSS CASTING LINER



ICECAST MSS TOOL KIT ANATOMY



ICECAST MSS MATERIAL KIT



ICECAST ANATOMY



PRESSURE PADS

POST-OP THERAPY BY ÖSSUR

INTRODUCTION

For the last decade, Iceross silicone liners have been used in hospitals for compression therapy following transtibial amputation with good results. It is important for health care specialists who are planning to use this method to adapt the protocol to their own environment.

Optimal results from the use of an Iceross Post-Op liner will be obtained if an Össur Rigid Dressing (ORD) has been applied to the residual limb immediately following amputation surgery and used for 5-7 days.

Compression therapy with the Iceross Post-Op liner should start 5-7 days following amputation surgery. Use of the silicone liner at this early stage is essential, as the largest change in residual limb volume occurs during the first weeks after amputation. Compression therapy is most effective during this period. The liner is introduced gradually ensuring the amputee and their residual limb become accustomed to the compression and new environment.

Post-Op therapy with the ORD and Iceross Post-Op liner ensures a high quality compression treatment. It shapes the residual limb and enables it to mature more effectively.

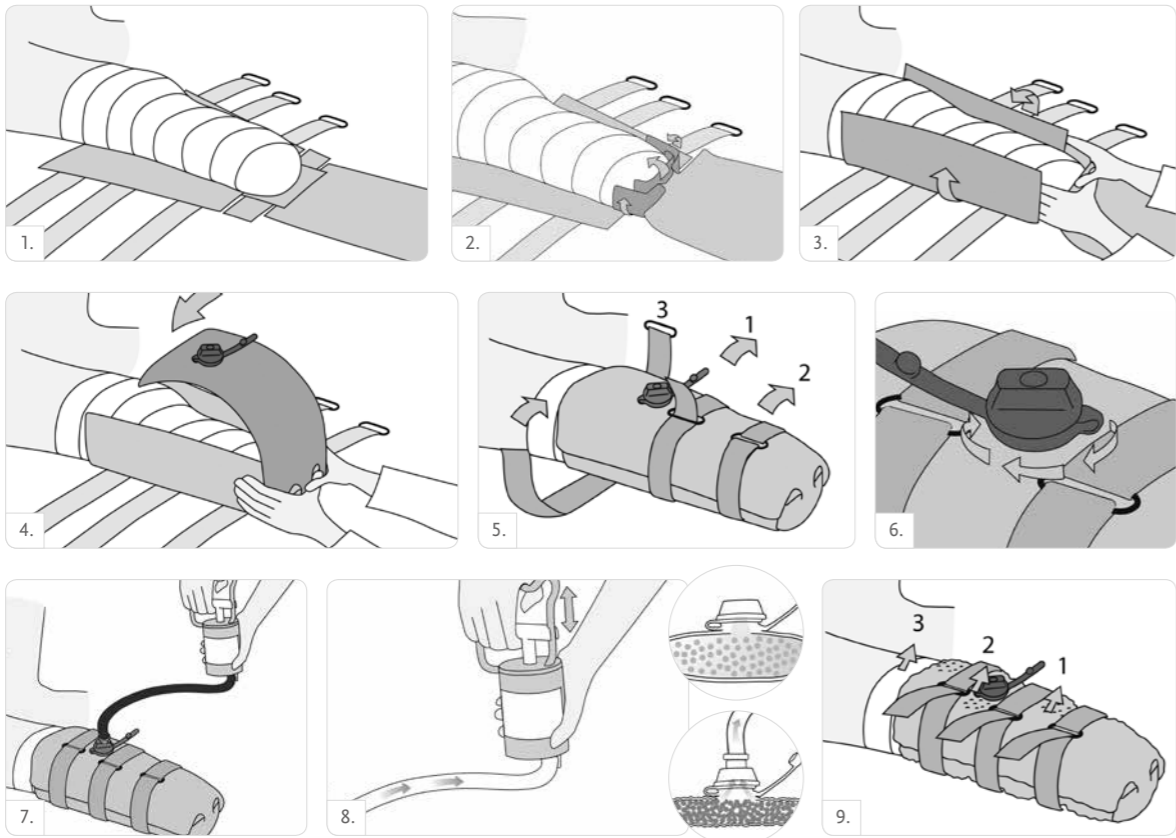
CHARACTERISTICS

POST-OP THERAPY BY ÖSSUR

Post-Op Therapy with ORD and the Iceross Post-Op liner ensures a high quality compression treatment. It shapes the residual limb and enables it to mature more effectively.



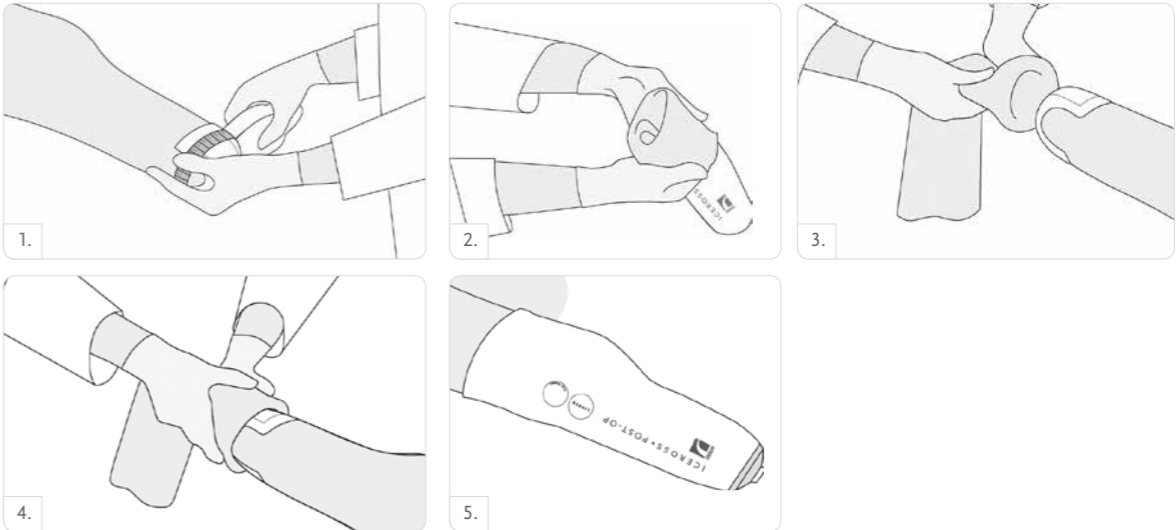
ÖSSUR RIGID DRESSING (ORD)



POST-OP THERAPY BY ÖSSUR

INTRODUCTION

ICEROSS POST-OP THERAPY



ICECAST® (MSS)

INTRODUCTION

While Iceross® liners can be used with conventional socket designs, the best outcomes are realized with a Total Surface Bearing (TSB) socket design.

The TSB design offers several advantages over traditional socket designs including:

- Force distribution over the entire surface of the residual limb, which reduces peak pressures in the socket
- Enhanced blood circulation from the resulting total contact with the residual limb
- Improved sensory feedback (proprioception)

The procedure is described in detail in the Össur information material, which can be downloaded at www.ossur.com. To ensure optimal fit of an MSS socket made by direct lamination, Össur recommends the use of an Iceross MSS Casting liner.

ACCURATE, EFFICIENT SOCKET-MAKING

Össur works with prosthetists worldwide, developing socket-making techniques that deliver consistently good clinical outcomes. Icecast Anatomy provides additional control over soft tissue during pressure casting, reducing rectification time and ensuring repeatable, accurate results. The Icecast Modular Socket System offers a mobile socket-making system that requires only one appointment to produce the socket. Precasting adjustments for pressure points eliminate the need for rectification.

Key features of the MSS system:

- Clean fabrication through contained resin handling
- The socket has a 4-hole adapter that goes with all locking mechanisms. The adapter's build height is about 10mm (3/8")
- The socket is tested according to ISO10328 and CE marked Characteristics

CHARACTERISTICS

ICECAST MODULAR SOCKET SYSTEM (MSS)

Icecast Modular Socket System offers a mobile socket-making system which requires only one appointment to produce the socket. Pre-casting adjustments for pressure points eliminate the need for rectification.



ÖSSUR RIGID DRESSING (ORD)



The Össur Rigid Dressing immobilizes, protects and controls post-operative oedema in the residual limb immediately following transtibial amputation surgery.

Immobilization and oedema control are achieved by providing a firm dressing formed to match the volume and shape of the residual limb.

Immobilization assists in the prevention of contractures by restricting knee flexion. Effectively constraining and matching the volume of the residual limb will prevent an increase in oedema following surgery. Containing the residual limb prevents discomfort, caused by bed trauma and possible falls during early rehabilitation.

The ORD is made out of soft and pliable material and can thus be formed to the residual limb. The dressing is then made rigid by creating a vacuum in the internal chambers of the product.



SIZE SELECTION

Size	Circumference 4cm from Distal End of Residual Limb	Circumference 50cm from Distal End of Residual Limb
Small	Up to 42cm	Up to 58cm
Large	42-65cm	58-70cm

Note: All circumference measurements are taken over dressings and padding material.

PART NUMBER INFORMATION - ÖSSUR RIGID DRESSING (ORD)

Part#	Description	Size
K-239100	Össur Rigid Dressing	Small
K-239101	Össur Rigid Dressing	Large
K-239105	Vacuum Pump for Rigid Dressing	



ICEROSS® POST-OP LINER



The Iceross Post-Op liner is used for compression therapy. Best results are obtained with an Iceross Post-Op liner if an Össur Rigid Dressing (ORD) has been applied to the residual limb immediately following amputation surgery and used for 5-7 days. The Iceross Post-Op liner features a low friction coating that makes donning and doffing easier.

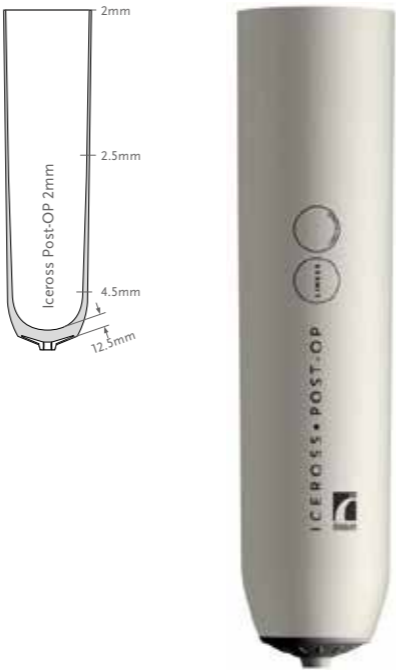
Early treatment with an Iceross Post-Op liner has been shown to facilitate early mobilization and speed up the maturation process of the residual limb. This makes it possible to provide the amputee with a prosthesis at an earlier stage, leading to less dependence on medical staff.

Compression therapy with the Iceross Post-Op liner gives the residual limb an optimal shape for prosthetic socket fitting, thereby reducing the risk of prosthetic complications.

The main objectives of Iceross Post-Op liner use are to:

- Diminish oedema
- Shape the residual limb
- Contribute to pain relief
- Accelerate the rehabilitation process

User Information	
Amputation Level:	Transtibial
User:	New amputee
Liner Information	
Sizes:	18,20,22,23.5,25,26.5,28,30,32,34,36,38,40,42,45
Profile:	2mm
Matrix:	10cm



FEATURES



STABILIZING MATRIX

PART NUMBER INFORMATION - ICEROSS POST-OP

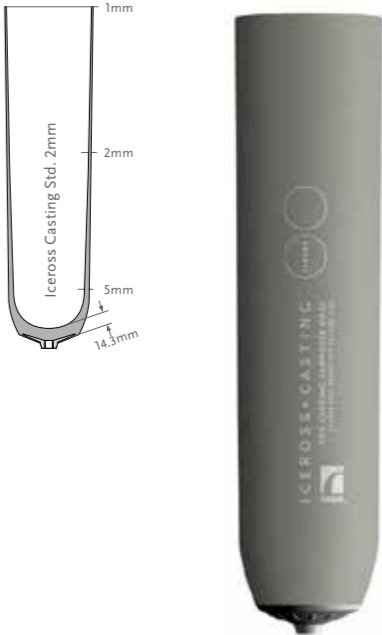
Part#	Profile	Suspension Method	Matrix
I-PO20XX	2mm	Locking	10cm

ICEROSS® MSS CASTING LINER



The Iceross MSS Casting liner has been developed specifically for the Icecast MSS for direct lamination. This series of casting liners produce a good final socket fit when a socket for a 3mm standard profile Iceross liner is being made.

User Information	
Amputation Level:	Transtibial
Liner Information	
Size Standard:	18,20,22,23.5,25,26.5,28,30,32,34
Profile:	2mm



SUSPENSION METHOD



LOCKING

PART NUMBER INFORMATION - ICEROSS MSS CASTING LINER

Part#	Profile	Suspension Method
I-09DCXX	2mm	Locking

ICECAST® MSS TOOL KIT ANATOMY



Icecast Anatomy represents a further development of the pressure-casting concept. As the residual limb is "loaded" by the pressure-casting instrument during casting, it is possible to eliminate the need for modification of the resultant socket shape.

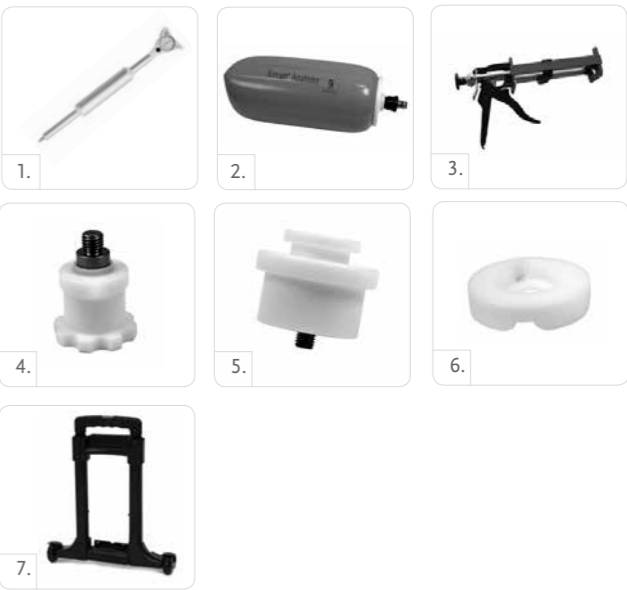
Part#	Description
M-500300	Icecast MSS Tool Kit Anatomy

- Includes:
- Icecast Anatomy Bladder
 - Icecast Pump
 - Resin Injection Tool
 - Distal Attachment Tool
 - Taping Ring
 - Icecast Case (with attachments for trolley)



ICECAST® MSS TOOL KIT - SPARE PARTS

Picture	Part#	Description
1	D-040510	Icecast Pump
2	D-040520	Icecast Anatomy Bladder
3	M-400201	Resin Injection Tool
4	D-040532	Distal Attachment Tool for Icecast
5	D-040534	Distal Attachment Tool for Plaster Casting
6	X-990638	Taping Ring
7	M-500330	Trolley for Icecast Case



ICECAST® MSS MATERIAL KIT



Icecast MSS Material Kit contains all the necessary materials to fabricate a single MSS socket.

Part#	Description
M-500105	MSS Material Kit/5" Glass Fiber Braids
M-500107	MSS Material Kit/7" Glass Fiber Braids
M-500205	MSS Material Kit/5" Carbon Fiber Braids
M-500207	MSS Material Kit/7" Carbon Fiber Braids

- Includes:
- Glass Fiber Braids (5" or 7") or Carbon Fiber Braids (5" or 7")
 - Resin Cartridge
 - Silicone Insulation Sheets 2x0.6m (2x2ft)
 - Silicone Insulation Cap
 - Molding Tube



MSS MATERIALS

Picture	Part#	Description
1	M-200101	Resin Cartridge
1	M-200110	Resin Cartridge (10pcs)
2	M-400101	Silicone Insulation Sheets 30m(98ft)
3	M-400206	Bottom Seal
4	M-400301	Silicon Insulation Sheets 2x0.6m(2x2ft)
5	M-400102	Silicone Insulation Caps (10pcs)

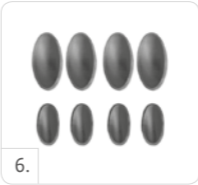
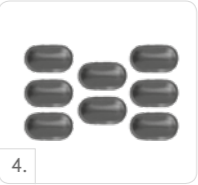
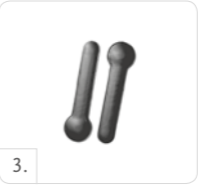
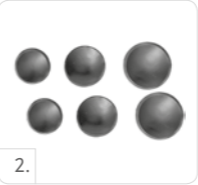


ICECAST® MSS MATERIALS

The Pressure Pads are designed to reduce peak pressures in sockets due to prominent bony areas. Made from a non-compressible silicone that optimizes pressure redistribution, pressure pads can improve the comfort of laminated, thermoformed or directly manufactured sockets such as the Modular Socket System. The pads feature a self-adhesive backing to enable easy application.

KITS

Picture	Part#	Description
1	K-190100	Set No. 1, 5 pads (one small disc, one medium disc, one large disc, one spoon pad and one cylindrical pad)
2	K-190101	Discs, 6 pads in 3 sizes (2 small, 2 medium, 2 large)
3	K-190102	Spoon (2 large pads)
4	K-190104	Cylindrical (8 large pads)
5	K-190110	Set No. 2, 8 pads (one small spoon, 2 cylindrical, small and large; 2 oval, small and large; 2 drops and one horse shoe)
6	K-190115	Oval, 8 pads, (4 small, 4 large)
7	K-190150	Ergo pads



ICECAST® MSS MATERIALS

FIBER BRAIDS

Part#	Description
M-100101	5" Glass Fiber Braids w/ Distal Attachment
M-100110	5" Glass Fiber Braids w/ Distal Attachment (10pcs)
M-100201	7" Glass Fiber Braids w/ Distal Attachment
M-100210	7" Glass Fiber Braids w/ Distal Attachment (10pcs)
M-100401	5" Carbon Fiber Braids w/ Distal Attachment
M-100410	5" Carbon Fiber Braids w/ Distal Attachment (10pcs)
M-100501	7" Carbon Fiber Braids w/ Distal Attachment
M-100510	7" Carbon Fiber Braids w/ Distal Attachment (10pcs)



COMPONENTS

Össur recommends that the following products are used in conjunction with the Modular Socket System.

Part#	Description
L-661000	600 Modular Spacer for Icelock 600 Series*
L-621100	Icelock Ratchet 621 Adaptation Kit
L-631100	Icelock Lanyard 631 Adaptation Kit
L-651100	Icelock Smooth 651 Adaptation Kit

*Must be used with Icelock® 600 series.

Part#	Description
A-242500	4-Hole Female Pyramid with 20/20 Offset

Part#	Description
L-214100	Icelock Clutch 4H 214 for Modular Socket System



Picture	Part#	Description
1	L-544050	Icelock 544 MSS Adapter*
2	L-544511	Icelock 544 Unity Plate
3	L-544521	Icelock 544 Expulsion Plate

*Must be used with Icelock® 544 series.



ÖSSUR ICELOCK® SERIES



ICELOCK 100 SERIES



ICELOCK 200 SERIES



ICELOCK 300 SERIES



ICELOCK 400 SERIES



ICELOCK 500 SERIES



ICELOCK 544 SERIES



ICELOCK 600 SERIES



ICELOCK 700 SERIES

ÖSSUR ICELOCK® SERIES

ICELOCK CHARACTERISTICS

RATCHET PIN
Used with Iceross® locking liners for moderate and highly active amputees with bony residual limbs who prefer the security of stepping into the prosthesis to don the socket. The ratchet pin makes an audible clicking sound when it engages, which many amputees find reassuring.

CLUTCH PIN
Used with Iceross locking liners for amputees of all activity levels who have fleshy residual limbs. The patient dons the prosthesis by winding into the socket rather than pushing or stepping into it.

SMOOTH PIN
Used with Iceross locking liners for moderate and highly active amputees with bony residual limbs who prefer the security of stepping into the prosthesis to don the socket. The lock is silent when it engages, but provides a secure suspension along the entire length of the pin.

LANYARD
Used with Iceross locking liners for new amputees or low to moderately active amputees with fleshy residual limbs who prefer to be pulled into the socket to don the prosthesis. This suspension system allows the user to apply their prosthesis while sitting down.

DISTAL VALVE
Designed for use with Iceross cushion liners for amputees of all activity levels that cannot tolerate a distal attachment or prefer suction suspension to a mechanical method. Used in conjunction with an Iceross or Iceflex® suspension sleeve, this suspension system allows the user to apply their prosthesis while sitting down.

EXPULSION VALVE
Designed for use with all Iceross Seal-In® liners. Can also be used with Iceross Cushion liners and the Iceross Sleeve.



ICELOCK® 100 SERIES



RATCHET LOCK WITH INTEGRATED PYRAMID

- Interchangeable
- Easy to use - single lamination
- Can change to lanyard or valve
- Rated up to 120kg (265lbs) (titanium)
- All impact levels



Part#	Description	Ratings		Build Height		Weight	
L-125000	Icelock 125 Ratchet Stainless Steel Pyramid	265lbs	120kg	22mm	7/8"	115g	4.5oz

Part#	Description	Ratings	Build Height		Weight	
L-180001	Icelock 100 Fabrication Kit without Braid	N/A	22mm	7/8"	99g	3.5oz

Part#	Description	Ratings	Build Height		Weight	
L-180002	Icelock 100 Fabrication Kit with Braid	N/A	22mm	7/8"	285g	10oz



ACCESSORIES

Part#	Description
L-192000	Attachment Pin Ratchet, standard w/cap, length 52mm, 13 notches
L-192003	Attachment Pin Ratchet, short w/cap, length 34mm, 7 notches
L-192005	Attachment Pin Ratchet, long w/cap, length 65mm, 17 notches
L-192015	Expulsion Valve

ICELOCK® 200 SERIES



The Icelock 200 series offers strong and durable locks with removable clutch mechanisms. The locks provide easy and secure wind-down donning as well as an easy release unlocking mechanism.

Icelock 200 series is a great product for transfemoral amputees and is therefore ideal to use in conjunction with the Iceross® Transfemoral liner.

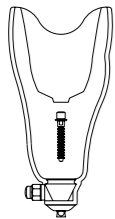
CLUTCH LOCKS

- Easy release unlocking mechanism
- Low build height and light-weight
- Wear-resistant stainless steel pin guide
- Secure clutch mechanism tested to tolerate at least 300kg (660lbs) pull
- Ability to change from Lanyard to Clutch
- All impact levels



DIAGRAM

ICELOCK CLUTCH 211



With Pyramid* Adapter



Without Pyramid* Adapter

ICELOCK CLUTCH 214

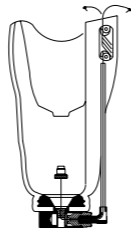


With 4-Hole Adapter



With AK Offset Adapter

ICELOCK LANYARD 234



With 4-Hole Adapter

* Note: pyramid must be purchased separately

ICELOCK 211 OVERVIEW



Attachment Pin, Clutch



Icelock Clutch 211



Icelock Stainless Steel Pyramid 273
Icelock Titanium Pyramid 272

ICELOCK® 200 SERIES

DIAGRAM

ICELOCK 214 OVERVIEW



Attachment Pin, Clutch



Fabrication Ring



Clutch Mechanism and Lock Body, 4-Hole

PART NUMBER INFORMATION - LOCKS

Part#	Description	Ratings		Build Height		Weight	
L-211000	Icelock Clutch 211 (No Adapter)	N/A		21mm	13/16"	78g	2.8oz



Part#	Description	Ratings		Build Height		Weight	
L-214000	Icelock Clutch 214 (Aluminum 4-Hole Adapter)	120kg	265lbs	25mm	1"	186g	6.6oz



To change from clutch to lanyard, order L-292050 Lanyard Adaptation Kit.

Part#	Description	Ratings		Build Height		Weight	
L-234000	Icelock Lanyard 234	120kg	265lbs	25mm	1"	168g	5.9oz



To change from lanyard to clutch, order L-292020 Clutch Mechanism and T-wrench.

ICELOCK CLUTCH 214 AK OFFSET*

Ratings		Build Height		Weight	
136kg	300lbs	18mm	3/4"	314g	11oz

Picture	Part#	Description
1	L-214311	For left leg with release button on medial side
2	L-214312	For left leg with release button on lateral side
3	L-214322	For right leg with release button on medial side
4	L-214321	For right leg with release button on lateral side

*30mm posterior and 20mm lateral offset



ICELOCK® 200 SERIES

PYRAMIDS FOR ICELOCK CLUTCH 211

Part#	Description	Ratings		Build Height		Weight	
L-272000	Icelock Titanium Pyramid 272	166kg	365lbs	9mm	6/16"	76g	2.7oz
Part#	Description	Ratings		Build Height		Weight	
L-273000	Icelock Stainless Steel Pyramid 273	100kg	220lbs	8mm	5/16"	64g	2.3oz



ADAPTERS

Part#	Description	Weight Limit	
A-233100	4-Hole Male Pyramid, Aluminum	100kg	220lbs
A-242100	4-Hole Female Pyramid, Aluminum	100kg	220lbs
A-235100	4-Hole Male Pyramid, Titanium	166kg	365lbs
A-245100	4-Hole Female Pyramid, Titanium	166kg	365lbs

Socket adapters see table of contents for page.

COMPONENTS FOR ICELOCK 211

Part#	Description
L-292015	Lock Body with guide (without Dummy Screw)
L-292122	Dummy Screw
L-292126	Delrin Guide
L-293045	Silicone Seal
L-292121	Pin Tunnel
L-293046	O-ring 10 x 1.5 for Pin Tunnel
L-693127	O-ring 8 x 2 for Pyramid Bolt
L-292032	Pyramid Bolt, long with o-ring

COMPONENTS FOR ICELOCK 211 AND 214

Part#	Description
L-292000	Attachment Pin Clutch, standard w/cap, length 40 mm, 12 notches
L-292003	Attachment Pin Clutch, short w/cap, length 22 mm, 7 notches
L-292005	Attachment Pin Clutch, long w/cap, length 52 mm, 17 notches
L-292020	Clutch Mechanism and T-wrench
L-293060	T-wrench
L-292131	Release Button, Delrin

ICELOCK® 200 SERIES

COMPONENTS FOR ICELOCK PYRAMIDS 272 AND 273

Part#	Description
L-292135	Titanium Pyramid with spacer and o-ring
L-292136	Stainless Pyramid with o-ring
L-293046	O-ring 10 x 1.5 for Pin Tunnel
L-692142	Pyramid Cap
L-292032	Pyramid Bolt, long with o-ring (for 272 Pyramid)
L-692032	Pyramid Bolt with o-ring (for 273 Pyramid)
L-293048	Silicone Fill for 272 Pyramid
L-293049	Silicone Fill for 273 Pyramid
L-693127	O-ring 8 x 2 for Pyramid Bolts

COMPONENTS FOR ICELOCK 214

Part#	Description
L-292011	Lock Body 4-Hole with Guide (without Clutch Mechanism)
L-292040	Fabrication Kit (includes the five parts listed below)
L-292125	Lam/Therm Ring
L-292118	Delrin Tooling Body
L-292129	Delrin Tooling Screw
L-293041	Screw M6 x 20
L-293042	Screw M6 x 35

COMPONENTS FOR ICELOCK 234

Part#	Description
L-292127	Pivot, Lanyard
L-292130	Bushing, Lanyard
L-392117	Elbow, Lanyard
L-392010	Cleat with Cover and Rivets
L-392016	Pull Handle Lanyard
L-392018	Lanyard Cord with Connecting Screw
L-393012	Cord Cover 40cm/16", Lanyard
L-292050	Lanyard Adaptation Kit for Changing Icelock Clutch 214 to Icelock Lanyard 234

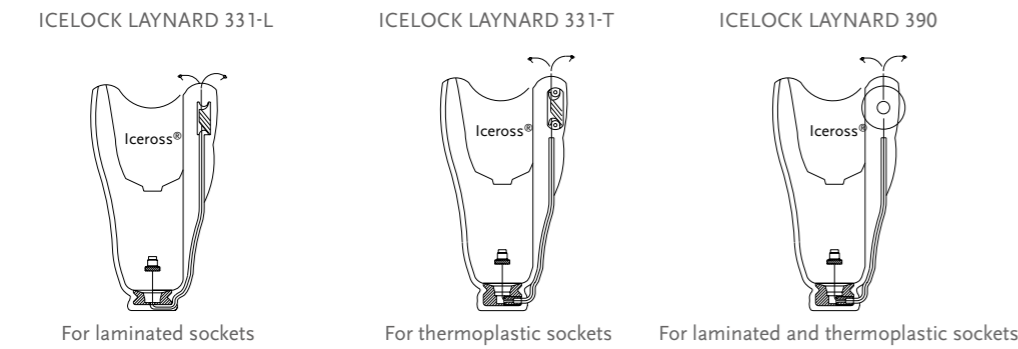
ICELOCK® 300 SERIES



- Low build height
- Very light-weight
- Wear-resistant stainless steel pin guide
- Ideal for shower and water prostheses
- Low and moderate impact levels



DIAGRAM



Part#	Description	Build Height		Weight	
L-331001	Lanyard 331-L (No Adapter)	12mm	1/2"	22g	0.77oz

Part#	Description	Build Height		Weight	
L-331002	Lanyard 331-T (No Adapter)	14mm	9/16"	42g	1.5oz

Part#	Description	Build Height		Weight	
K-390000	Icelock Lanyard 390	25mm	1"	52g	1.8oz



ICELOCK® 300 SERIES

COMPONENTS FOR L-331001

Part#	Description
L-392012	Cleat with silicone dummy
L-392016	Pull Handle, lanyard
L-392018	Lanyard Cord with connecting screw
L-392110	Bottom Attachment, lamination



COMPONENTS FOR L-331002

Part#	Description
L-392010	Cleat with cover and rivets
L-393012	Cord Cover 40cm, lanyard
L-392016	Pull Handle, lanyard
L-392112	Bottom Attachment, thermoplastic
L-392122	Guide, lanyard
L-393018	Screw 3.5 x 30mm



COMPONENTS FOR K-390000

Part#	Description
K-390001	Spindle Adapter
K-390002	Nut
K-390003	Washer
K-390007	Spindle



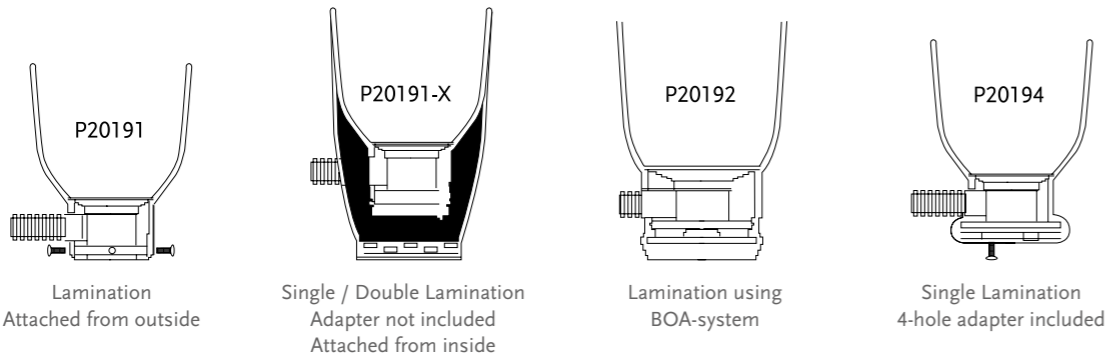
ICELOCK® 400 SERIES



- SMOOTH PIN SYSTEM
- No movement, therefore no noise and less wear
 - Removable from inside of socket
 - Very lightweight
 - All impact levels



DIAGRAM



Part#	Description	Ratings		Build Height		Weight		
P20191*	The Pin Standard Lamination	N/A		35mm	1 3/8"	97g	3.4oz	
Part#	Description	Ratings		Build Height		Weight		
P20191-X*	The Pin, Single/Double Lamination	N/A		37mm	1 7/16"	95g	3.4oz	
Part#	Description	Ratings		Build Height		Weight		
P20192*	The Pin for BOA-System, Lamination	N/A		47mm	1 14/16"	110g	3.9oz	
Part#	Description	Ratings		Build Height		Weight		
P20194*	The Pin, w/ 4-Hole Lamination	120kg	220lbs	34mm	1 5/16"	180g	6.3oz	

* Note: Reusable fixtures and lamination dummies not included in lock kits. Must be ordered seperately.

ICELOCK® 400 SERIES

FIXTURES (REUSABLE)

Part#	Description
P20109	Fixture for all lock kits

DUMMIES (REUSABLE)

Part#	Description
P20151	Dummy for P20191 & P20191-X
P20152	Dummy for P20190 & P20192
P20154	Dummy for P20194

SPARE PARTS AND DRAPE FORMERS (REUSABLE)

Part#	Description
P20141	Coupling Plate for P20191
P20141-X	Coupling Plate for P20191-X
P20142	Coupling Plate for P20192
P20144	4-hole Adapter for P20194
P20151	Dummy for 191/191-X
P20161	Funnel for P20191 & P20191-X
P20162	Funnel for P20192
L-693506	Attachment Pin Smooth, Standard 43mm
L-693507	Attachment Pin Smooth, 53mm
L-693508	Attachment Pin Smooth, 63mm
L-693509	Attachment Pin Smooth, 75mm
P20177	The Pin, Replacement Lock
L-693504	Metal Sleeve for Push Button
L-693502	Push Button, Adjustable
P20251	Insert Part for P20151

ICELOCK® 500 SERIES



Both Icelock Expulsion Valve 551 and 552 are designed to be used with all suction suspension systems. The valves are positioned in a housing that seals securely against the inner surface of the hard socket near the distal end. The valves expell air under positive pressure when entering a socket. During removal of the prosthesis the push button needs to be compressed to allow air back into the hard socket. The Icelock 500 Series can be used for all impact levels.

Part#	Description
L-551002	Icelock Expulsion Valve 551



The Icelock 551 Valve is an auto-expulsion and push button suction release in the same compact, easy to install package. (M 10). The valve is recommended for both Transtibial and Transfemoral users. The kit includes a flexible socket housing.

Part#	Description
L-552000	Icelock Expulsion Valve 552



Icelock 552 Valve is an auto-expulsion valve with push button for suction release. The core of the valve can be unscrewed to facilitate rapid donning and it makes it possible to pull donning socks through the valve. The valve can be used with a flexible interface and is recommended for Transfemoral users.

COMPONENTS FOR ICELOCK 500 SERIES

Part#	Description
L-551206	Icelock 551 Replacement Membrane
L-552206	Icelock 552 Replacement Membrane

ICELOCK® 544 SERIES



The Icelock 544 Series consists of a variety of component configurations to support the use of elevated vacuum and expulsion. The series only uses one fabrication method that is compatible with all the component configurations so only a single fabrication enables access to all the different configurations.

Icelock 544 series is suitable for both transtibial and transfemoral amputees and fully compatible with Unity vacuum system as well as Iceross Seal-In.

FEATURES

- Fabricate once, use the same socket for many different component configurations.
- Compatible with many different systems including: vacuum, expulsion, and Seal-In.

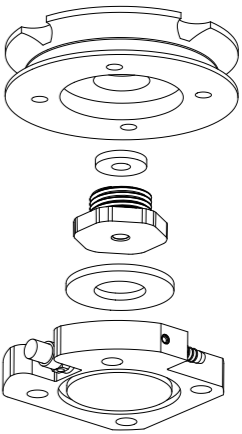


ICELOCK 544 SERIES KITS

With these kits, all componentry is included to build the Icelock 544 Series configurations. To the right is an exploded view of the components used in the final configuration and how they fit into the L-544400 Adapter.

EXAMPLE OF PARTS INCLUDED IN ICELOCK 544 KIT

- L-544400 Adapter
- Plate Lamination Dummy
- Small Seal
- Large Seal
- Housing
- Housing Lamination Dummy
- L-544XXX Plate
- Wrench
- M6x25mm Screws
- Vacuum Tube



L-544400 Adapter

Small Seal

Housing

Large Seal

L-5445xx (L-544511 Shown)

ICELOCK® 544 SERIES

ICELOCK 544 SERIES KITS

ICELOCK 544 SERIES KIT

Part#	Description	Release button	Barb connector	Recommended Use	Color	Ratings		Weight	Build height
L-544611	Icelock 544 Kit Unity*	Yes	Yes	Unity vacuum system with Iceross Seal-In	Grey, Black	136kg	300lbs	216g	25.5mm
L-544621	Icelock 544 Kit Expulsion	Yes		Iceross Seal-In Expulsion	Orange, Black	136kg	300lbs	216g	25.5mm
L-544620	Icelock 544 Kit Expulsion Only			Sleeve Expulsion	Black, Black	136kg	300lbs	104g	16mm



ICELOCK L-544400 SOCKET ADAPTER

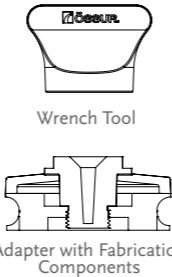
The L-544400 Socket Adapter is the common base for the Icelock 544 Series Kits.

L-544400 is installed in a single seamless lamination and brings up quality and consistency in the overall manufacturing of the socket.

After installation, any of the Icelock 544 series valve plates will fit using only a 4mm hex key and Icelock 544 Wrench.

L-544400 SOCKET ADAPTER INCLUDES

- Aluminum socket adapter
- Lamination dummies and wrench
- L-544XXX Plate
- M6x25mm Screws
- Vacuum Tube



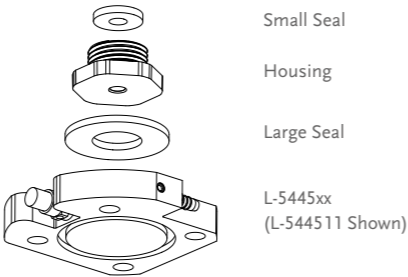
Part#	Description	Ratings		Weight	Build height
L-544400	Icelock 544 Socket Adapter	136kg	300lbs	98g	16mm

ICELOCK 544 SERIES VALVE PLATES AND CONNECTORS

Valve plates are available separate, without the socket adapter. To the right is an exploded example view of the components supplied with these Plates. All the necessary seals, check valves and housings are supplied with each plate/adapter.

PARTS INCLUDED WITH ICELOCK 544 PLATES

- Small Seal
- Large Seal
- Housing



ICELOCK® 544 SERIES

ICELOCK 544 SERIES VALVE PLATES AND CONNECTORS

Part#	Description	Release button	Barb connector	Recommended Use	Color	Weight	Build height
L-544511	Icelock 544 Unity Plate	Yes	Yes	Unity vacuum system with Iceross Seal-In	Grey	118g	9.5mm
L-544521	Icelock 544 Expulsion Plate	Yes		Iceross Seal-In Expulsion	Orange	118g	9.5mm
L-544520	Icelock 544 Expulsion only			Sleeve Expulsion (Needs L-544400)	Black	6g	0

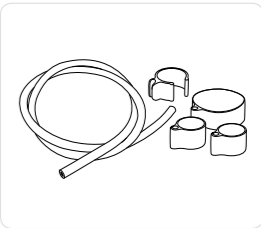
ACCESSORIES AND SPARE PARTS FOR ICELOCK 544 SERIES

The spare parts kit contains everything you need to replace things that wear out or get lost.

PARTS INCLUDED IN THE ICELOCK 544 SERIES SPARE PARTS KIT

- 4 Small Duckbill Valves
- 2 Large Duckbill Valves
- 2 Small Seals
- 2 Large Seals
- Unity Tubing
- O-Rings
- M6x25mm Screws

Part#	Description
L-544010	Icelock 544 Series Spare Parts Kit
UTF0006	Unity TF Tube Kit



TOOLS

+PLUSERIES DISPENSER

Part#	Description
FSX80016	+Pluseries 220ml Dispenser



+PLUSERIES ADHESIVE

Part#	Description
FSX80015	+Pluseries Adhesive 220ml - Composite 1 Minute



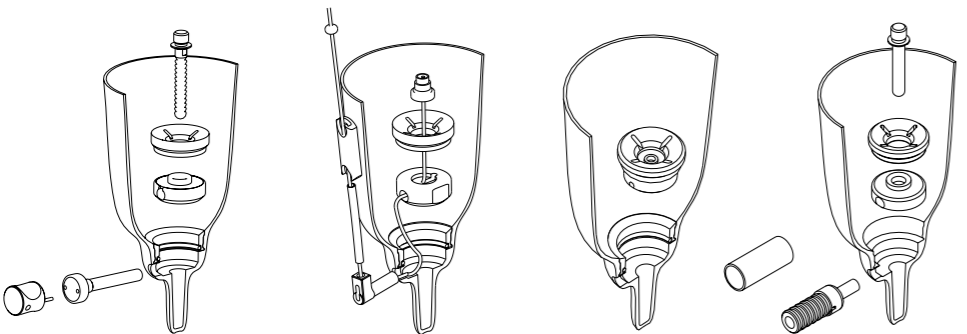
ICELOCK® 600 SERIES



- Extremely light-weight and low build height.
- Fabrication Tools make the weight fabrication process very effective
- Very strong and durable
- Socket Adapters rated up to
 - 100kg (220lbs) and 166kg (365lbs)
- Easily interchangeable
- Removable from the inside of the socket
- All impact levels



DIAGRAM



Icelock Ratchet 621

Icelock Lanyard 631

Icelock Valve 641

Icelock Smooth 651



Double lamination
choice of Socket Adapter



Single lamination
Icelock Titanium Pyramid 672
Icelock Stainless Steel Pyramid 673



Single lamination
Icelock Alloy 4-Hole 674
Icelock Titanium 4-Hole 675

ICELOCK 600 SERIES

Part#	Description	Build Height		Weight	
L-621000	Icelock 621 Ratchet (No Adapter)	15mm	9/16"	59g	2.01oz
Part#	Description	Build Height		Weight	
L-631000	Icelock 631 Lanyard (No Adapter)	15mm	9/16"	49g	1.7oz



ICELOCK® 600 SERIES

Part#	Description	Build Height		Weight	
L-641000	Icelock 641 Valve (No Adapter)*	15mm	9/16"	40g	1.4oz
Part#	Description	Build Height		Weight	
L-651000	Icelock 651 Smooth (No Adapter)*	15mm	9/16"	68g	2.4oz

*Use with L-680000 Fabrication Tooling Kit

Part#	Description
L-680000	Icelock 680 Fabrication Tools (Reusable)
Part#	Description
L-621100	Icelock 621 Adaption Kit*
L-631100	Icelock 631 Adaption Kit*
L-641100	Icelock 641 Adaption Kit*
L-651100	Icelock 651 Adaption Kit*

*For use when changing lock type

SPECIALLY DESIGNED PYRAMIDS FOR ICELOCK 600

Part#	Description	Ratings	
L-672000	Icelock 672 Titanium Pyramid	166kg	365lbs
Part#	Description	Ratings	
L-673000	Icelock 673 Stainless Steel Pyramid	100kg	220lbs
Part#	Description	Ratings	
L-674000	Icelock 674 Aluminum 4-Hole	100kg	220lbs
Part#	Description	Ratings	
L-675000	Icelock 675 Titanium 4-Hole	166kg	365lbs



RELEASE KEY

Part#	Description
L-692016	A tool to tighten and release the release unit (sold separately)



ICELOCK® 600 SERIES

COMPONENTS FOR ICELOCK 621

Part#	Description
L-692022	Icelock 600 Fabrication Ring with o-ring and silicone ring
L-693125	O-ring 35 x 2.5 for Fabrication Ring
L-692020	Ratchet Lock Body
L-692110	Funnel
L-692027	Release Unit, long
L-192000	Attachment Pin Ratchet, standard w/cap, length 52mm, 13 notches
L-192003	Attachment Pin Ratchet, short w/cap, length 34mm, 7 notches
L-192005	Attachment Pin Ratchet, long w/cap, length 65mm, 17 notches
L-693112	Silicone Seal

COMPONENTS FOR ICELOCK 631

Part#	Description
L-692022	Fabrication Ring with o-ring and silicone ring
L-693125	O-ring 35 x 2.5 for Fabrication Ring
L-692025	Bottom Attachment, lanyard
L-692110	Funnel
L-392018	Lanyard Cord with connecting screw
L-393012	Cord Cover 40cm
L-392010	Cleat with cover and rivets
L-392016	Pull Handle
L-693112	Silicone Seal
L-392117	Elbow, lanyard

COMPONENTS FOR ICELOCK 641

Part#	Description
L-692022	Fabrication Ring with o-ring and silicone ring
L-693125	O-ring 35 x 2.5 for Fabrication Ring
L-641100	Expulsion Valve/Adaptation Kit 641
L-693112	Silicone Seal

ICELOCK® 600 SERIES

COMPONENTS FOR ICELOCK 651

Part#	Description
L-692022	Fabrication Ring with o-ring and silicone ring
L-692110	Funnel
L-693506	Smooth Pin, 43mm
L-693507	Smooth Pin, standard 53mm
L-693508	Smooth Pin, 63mm
L-693509	Smooth Pin, 75mm
L-692505	Smooth Lock
L-693504	Protective sleeve for push button
L-692501	Release Unit
L-693502	Push Button
L-693503	Dust Cap
L-693112	Silicone Seal

COMPONENTS FOR ICELOCK TITANIUM PYRAMID 672

Part#	Description
L-692135	Titanium Pyramid
L-692142	Pyramid Cap
L-692032	Pyramid Bolt with o-ring
L-693127	O-ring 8 x 2 for Pyramid Bolt
L-693115	Silicone Ring
L-693112	Silicone Seal

COMPONENTS FOR ICELOCK STAINLESS STEEL PYRAMID 673

Part#	Description
L-692030	Stainless Steel Pyramid
L-692142	Pyramid Cap
L-692032	Pyramid Bolt with o-ring
L-693127	O-ring 8 x 2 for Pyramid Bolt
L-693115	Silicone Ring
L-693112	Silicone Seal

ICELOCK® 600 SERIES

COMPONENTS FOR ICELOCK ALIMINUM 4-HOLE ADAPTER 674

Part#	Description
L-293041	Screw M6 x 20mm
L-693112	Silicone Seal
L-693115	Silicone Ring

COMPONENTS FOR ICELOCK TITANIUM 4-HOLE ADAPTER 675

Part#	Description
L-693120	Screw M6 x 20mm, plus
L-693115	Silicone Ring
L-693112	Silicone Seal

COMPONENTS FOR ICELOCK FABRICATION TOOLS 680
(ALL HARDENED STAINLESS STEEL)

Part#	Description
L-692010	Lock Dummy with o-ring
L-693127	O-ring 8 x 2 for Lock Dummy
L-692119	Steel Guide
L-692120	Release Dummy, standard
L-692125	Release Dummy, long
L-692130	Pin Dummy, standard
L-692133	Pin Dummy, short
L-693110	Pin Dummy Bolt
L-692015	Hex Driver with o-ring
L-692017	Cross Driver with o-ring
L-693126	O-ring 4 x 2 for Hex and Cross Drivers

ICELOCK® 700 SERIES

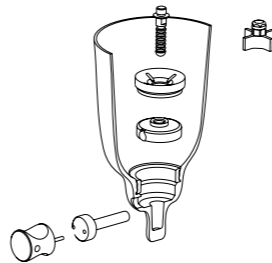


Designed to be used in conjunction with the Iceross Upper X and Iceross Junior liner systems.

- Extremely low build height and compact design
- Light-weight
- Compatible for single or double lamination fabrication method
- 45kg (99lbs) weight limits on components
- Locking mechanisms are replaceable from inside of the socket
- All impact levels



DIAGRAM



Double lamination
IceLock Ratchet 721



Single lamination
IceLock Stainless Steel Pyramid 773



Single lamination
IceLock Alloy 4-hole 774

Part#	Description	Ratings		Weight	
L-721000	Icelock 721 Ratchet, Small (No Adapter)*	13mm	1/2"	20g*	0.71oz

*Use with L-780000 Fabrication Tooling Kit

Part#	Description
L-780000	Icelock fabric tooling kit

SPECIALLY DESIGNED PYRAMIDS FOR ICELOCK 700

Part#	Description	Ratings	
L-773000	Icelock 773 Stainless Pyramid	45kg	99lbs

Part#	Description	Ratings	
L-774000	Icelock 774 Aluminum 4-Hole	45kg	99lbs

RELEASE KEY

Part#	Description
L-792016	A tool to tighten and release the release unit (sold separately)



ICELOCK® 700 SERIES

COMPONENTS FOR RATCHET LOCK 721

Part#	Description
L-792020	Ratchet Lock without Adapter, small
L-792110	Funnel, small
L-792150	Fabrication Ring, small
L-792027	Release Unit, small
L-792031	Pin Adapter*
L-792100	Attachment Pin Ratchet, 32mm
L-792105	Attachment Pin Ratchet, 56mm
L-793112	Silicone Seal, small

*Pin adapter 700 series to adult liner

COMPONENTS FOR FABRICATION (HARDENED STAINLESS STEEL)

Part#	Description
L-792119	Steel Guide, small
L-792120	Release Dummy, small
L-792130	Pin Dummy, small
L-692015	Hex Driver with o-ring
L-792017	Cross Driver with o-ring, small

ÖSSUR ADAPTERS

WEIGHT LIMIT 100KG (220LBS)

SOCKET ADAPTERS

4-HOLE SOCKET ADAPTER

Part#	Material	Height		Build Height		Weight	
A-122100	Aluminum	18.5mm	3/4"	18.5mm	3/4"	70g	2.5oz



MALE PYRAMID INSERT FOR PRONG

Part#	Material	Height		Build Height		Weight	
A-134300	Stainless Steel Insert	31mm	1 1/4"	7.5mm	5/16"	94g	3.3oz



FEMALE PYRAMID INSERT FOR PRONG

Part#	Material	Height		Build Height		Weight	
A-144300	Stainless Steel	23mm	7/8"	14mm	9/16"	83g	2.9oz



4-HOLE ADAPTERS, WITH SCREWS

4-HOLE MALE PYRAMID

Part#	Material	Height		Build Height		Weight	
A-233100	Aluminum with Stainless Steel Insert	23.5mm	15/16"	9mm	3/8"	62g	2.2oz



4-HOLE FEMALE PYRAMID

Part#	Material	Height		Build Height		Weight	
A-242100	Aluminum	16mm	5/8"	16mm	5/8"	46g	1.6oz



TUBE CLAMPS

MALE PYRAMID TUBE CLAMP

Part#	Material	Height		Build Height		Weight	
A-333100	Aluminum with Stainless Steel Insert	56mm	2 3/16"	41.5mm	1 5/8"	62g	2.2oz



FEMALE PYRAMID TUBE CLAMP

Part#	Material	Height		Build Height		Weight	
A-342100	Aluminum	50mm	2"	16mm	5/8"	64g	2.3oz



4-HOLE TUBE CLAMP

Part#	Material	Height		Build Height		Weight	
A-322100	Aluminum	38mm	1 1/2"	4mm	3/16"	52g	1.8oz



WEIGHT LIMIT 100KG (220LBS)

SINGLE ADAPTERS

MALE SINGLE ADAPTER - SHORT

Part#	Material	Height		Build Height		Weight	
A-433110	Aluminum with Stainless Steel Pyramid Insert	50mm	2"	35.5mm	1 3/8"	60g	2.1oz



MALE SINGLE ADAPTER - LONG

Part#	Material	Height		Build Height		Weight	
A-433120*	Aluminum with Stainless Steel Pyramid Insert	77mm	3"	63mm	2 1/2"	86g	3oz



*77mm (3") overall, can be cut to length 70mm (2 3/4")

FEMALE SINGLE ADAPTER - SHORT

Part#	Material	Height		Build Height		Weight	
A-442100*	Aluminum	100mm	4"	100mm	4"	86g	3oz



*100mm (4") overall, can be cut to length 60mm (2 3/4")

FEMALE SINGLE ADAPTER - LONG

Part#	Material	Height		Build Height		Weight	
A-442110*	Aluminum	200mm	7 7/8"	200mm	7 7/8"	153g	5.4oz



*200mm (7 7/8") overall, can be cut to length 60mm (2 3/4")

STANDARD ADAPTERS

FEMALE DOUBLE ADAPTER - 32MM (1 1/4")

Part#	Material	Height		Build Height		Weight	
A-542110	Aluminum	32mm	1 1/4"	32mm	1 1/4"	66g	2.3oz



FEMALE DOUBLE ADAPTER - 45MM (1 3/4")

Part#	Material	Height		Build Height		Weight	
A-542120	Aluminum	45mm	1 3/4"	45mm	1 3/4"	76g	2.7oz



FEMALE DOUBLE ADAPTER - 60MM (2 3/9")

Part#	Material	Height		Build Height		Weight	
A-542130	Aluminum	60mm	2 3/9"	60mm	2 3/9"	88g	3.1oz



FEMALE DOUBLE ADAPTER - 75MM (3")

Part#	Material	Height		Build Height		Weight	
A-542140	Aluminum	75mm	3"	75mm	3"	100g	3.5oz



MALE DOUBLE ADAPTER

Part#	Material	Height		Build Height		Weight	
A-533100	Aluminum with Stainless Steel Pyramid Insert	41mm	1 5/8"	12mm	1/2"	84g	3oz



WEIGHT LIMIT 100KG (220LBS)

PYLONS AND TUBES

Part#	Material	Length	
A-712010	Tube - Short Aluminum	250mm	9 3/4"
A-712020	Tube - Long Aluminum	400mm	15 3/4"



Part#	Material	Length	
A-742010	Female Pylon - Short Aluminum/Stainless Steel	250mm	9 3/4"
A-742020	Female Pylon - Long Aluminum/Stainless Steel	400mm	15 3/4"



Part#	Material	Length	
A-762111	Female Pylon Kit 1- Short Aluminum/Stainless Steel	250mm	9 3/4"
A-762121	Female Pylon Kit 1- Long Aluminum/Stainless Steel	400mm	15 3/4"



FOOT ADAPTER

SACH FOOT ADAPTER

Part#	Material	Height		Build Height		Weight	
A-833100	Aluminum with Stainless Steel Pyramid insert	25mm	1"	9.5mm	3/8"	105g	3.7oz



SHIFT ADAPTERS

FEMALE PYRAMID TUBE CLAMP WITH 14MM OFFSET (9/16")

Part#	Material	Height		Build Height		Weight	
A-342430	Aluminum	69mm	2 11/16"	35mm	2 3/8"	135g	4.8oz



4-HOLE FEMALE PYRAMID WITH 20/20 OFFSET

Part#	Material	Height		Build Height		Weight	
A-242500	Aluminum	22mm	7/8"	22mm	7/8"	118g	4.2oz



WEIGHT LIMIT 125KG (275LBS)

MALE-FEMALE DOUBLE ADAPTER WITH 8MM OFFSET AND 10 DEGREES ANGLE

Part#	Material	Height		Build Height		Weight	
A-554700	Stainless steel	40mm	1 37/64"	24mm	15/16"	153g	5.8oz



EURO 4-HOLE ADAPTER

Part#	Material	Height		Build Height		Weight	
A-122300	Aluminum	11mm	7/16"	11mm	7/16"	70g	2.5oz



WEIGHT LIMIT 136KG (300LBS)

4-HOLE ADAPTERS, WITH SCREWS

4-HOLE MALE PYRAMID WITH ROTATION

Part#	Material	Height		Build Height		Weight	
M625400	Stainless Steel	25mm	1"	10.5mm	7/16"	145g	5.1oz



4-HOLE PYRAMID RECEIVER WITH ROTATION

Part#	Material	Height		Build Height		Weight	
M626400	Stainless Steel	19mm	6/8"	19mm	6/8"	115g	4.1oz



WEIGHT LIMIT 166KG (365LBS)

SOCKET ADAPTERS

MALE PYRAMID SOCKET ADAPTER

Part#	Material	Height		Build Height		Weight	
A-135100	Titanium	23mm	7/8"	8.5mm	5/16"	58g	2oz



4-HOLE SOCKET ADAPTER

Part#	Material	Height		Build Height		Weight	
A-125100	Titanium	18.5mm	3/4"	18.5mm	3/4"	112g	4oz



4-PRONG SOCKET ADAPTER

Part#	Material	Height		Build Height		Weight	
A-114040	Stainless Steel	8mm	5/16"	8mm	5/16"	158g	5.6oz



3-PRONG SOCKET ADAPTER

Part#	Material	Height		Build Height		Weight	
A-114030	Stainless Steel	8mm	5/16"	8mm	5/16"	124g	4.4oz



MALE PYRAMID INSERT FOR PRONG

Part#	Material	Height		Build Height		Weight	
A-135300	Titanium	31mm	1 1/4"	7.5mm	5/16"	56g	2oz



FEMALE PYRAMID INSERT FOR PRONG

Part#	Material	Height		Build Height		Weight	
A-145300	Titanium	23mm	7/8"	14mm	9/16"	53g	1.9oz



FEMALE PYRAMID INSERT FOR PRONG LP

Part#	Material	Height		Build Height		Weight	
A-145310	Titanium	9mm	3/8"	9mm	3/8"	33g	1.16oz



WEIGHT LIMIT 166KG (365LBS)

4-HOLE ADAPTERS, WITH SCREWS

4-HOLE MALE PYRAMID

Part#	Material	Height		Build Height		Weight	
A-235100	Titanium	23mm	7/8"	8.5mm	5/16"	54g	1.9oz



4-HOLE MALE PYRAMID WITH ROTATION

Part#	Material	Height		Build Height		Weight	
A-235300	Titanium	25mm	1"	10.5mm	7/16"	72g	2.5oz



4-HOLE MALE PYRAMID WITH 5/16" / 8MM OFFSET

Part#	Material	Height		Build Height		Weight	
A-235400	Titanium	23mm	7/8"	8.5mm	5/16"	65g	2.3oz



4-HOLE FEMALE PYRAMID

Part#	Material	Height		Build Height		Weight	
A-245100	Titanium	15.5mm	5/8"	15.5mm	5/8"	64g	2.3oz



4-HOLE FEMALE PYRAMID WITH ROTATION

Part#	Material	Height		Build Height		Weight	
A-245300	Titanium	17.5mm	11/16"	17.5mm	11/16"	76g	2.7oz



TUBE CLAMPS

MALE PYRAMID TUBE CLAMP

Part#	Material	Height		Build Height		Weight	
A-335100	Titanium	56mm	2 3/16"	5.5mm	3/16"	82g	2.8oz



FEMALE PYRAMID TUBE CLAMP

Part#	Material	Height		Build Height		Weight	
A-345100	Titanium	50mm	2"	14mm	9/16"	78g	2.8oz



4-HOLE TUBE CLAMP

Part#	Material	Height		Build Height		Weight	
A-325100	Titanium	38mm	1 1/2"	2mm	1/16"	68g	2.4oz



WEIGHT LIMIT 166KG (365LBS)

SINGLE ADAPTERS

MALE SINGLE ADAPTER - SHORT

Part#	Material	Height		Build Height		Weight	
A-435110	Titanium	50mm	2 3/16"	35.5mm	3/16"	80g	2.8oz



MALE SINGLE ADAPTER - LONG

Part#	Material	Height		Build Height		Weight	
A-435120*	Titanium	77mm	3"	63mm	1 1/2"	103g	3.6oz

*77mm (3") overall, can be cut to length 70mm (2 3/4")



FEMALE SINGLE ADAPTER

Part#	Material	Height		Build Height		Weight	
A-445100*	Titanium	100mm	3 15/16"	100mm	3 15/16"	118g	4.2oz

*100mm (3 15/16") overall can be cut to 60mm (2 3/8") length



DOUBLE ADAPTERS

FEMALE DOUBLE ADAPTER - 32MM (1 1/4")

Part#	Material	Height		Build Height		Weight	
A-545110	Titanium	32mm	1 1/4"	32mm	1 1/4"	90g	3.2oz



FEMALE DOUBLE ADAPTER - 45MM (1 3/4")

Part#	Material	Height		Build Height		Weight	
A-545120	Titanium	45mm	1 3/4"	45mm	1 3/4"	102g	3.6oz



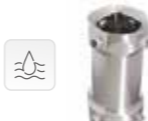
FEMALE DOUBLE ADAPTER - 60MM (2 3/8")

Part#	Material	Height		Build Height		Weight	
A-545130	Titanium	60mm	2 3/8"	60mm	2 3/8"	119g	4.2oz



FEMALE DOUBLE ADAPTER - 75MM (2 15/16")

Part#	Material	Height		Build Height		Weight	
A-545140	Titanium	75mm	2 15/16"	75mm	2 15/16"	135g	4oz



MALE DOUBLE ADAPTER

Part#	Material	Height		Build Height		Weight	
A-535100	Titanium	41mm	1 5/8"	12mm	1/2"	98g	3.5oz



WEIGHT LIMIT 166KG (365LBS)

PYLONS AND TUBES

FEMALE PYLON - SHORT AND LONG

Part#	Material	Length	
A-746010	Titanium Tube Clamp / Carbon Tube	250mm	9 3/4"
A-746020	Titanium Tube Clamp / Carbon Tube	400mm	15 3/4"



CARBON TUBE - SHORT AND LONG

Part#	Material	Length	
A-717010	Carbon Tube	250mm	9 3/4"
A-717020	Carbon Tube	400mm	15 3/4"



TUBE INSERT FOR CATEGORY 7-9; 30MM (1 3/16")

Part#	Material
A-718009	Delrin



FEMALE PYLON KIT 1 - SHORT AND LONG

Part#	Material	Length	
A-766111	Titanium Tube Clamp / Carbon Tube	250mm	9 3/4"
A-766121	Titanium Tube Clamp / Carbon Tube	400mm	15 3/4"



FEMALE PYLON KIT 2 - SHORT AND LONG

Part#	Material	Length	
A-766112	Titanium Tube Clamp / Carbon Tube	250mm	9 3/4"
A-766122	Titanium Tube Clamp / Carbon Tube	400mm	15 3/4"



FOOT ADAPTER

SACH FOOT ADAPTER

Part#	Material	Height		Build Height		Weight	
A-835100	Titanium	25mm	1"	9.5mm	3/8"	110g	3.8oz






SHIFT ADAPTERS

SHIFT ADAPTER WITH TITANIUM

Part#	Material	Height		Build Height		Weight	
A-645210	Titanium	60mm	2 3/8"	60mm	2 3/8"	208g	7.3oz



I-LIMB® FEATURE OVERVIEW


		
i-Limb® quantum	i-Limb® ultra	i-Limb® access
Compliant grip with proportional control	Compliant grip with proportional control	Compliant grip with proportional control
Powered thumb with manual override	Powered thumb with manual override	Manually rotatable thumb
Gesture control i-mo™ technology		
App control quick grips™	App control quick grips™	App control quick grips™
Muscle control triggers	Muscle control triggers	Muscle control triggers
Proximity control grip chips™		
24 automated grips	18 automated grips	12 automated grips
12 Custom my grips™		
Speed & strength boost	Speed & strength boost	Speed & strength boost
vari-grip	vari-grip	
Natural hand mode	Natural hand mode	
Autograsp	Autograsp	Autograsp
Hand health check via biosim/my i-limb app	Hand health check via biosim/my i-limb app	Hand health check via biosim/my i-limb app
XS, S, M, L	XS, S, M, L	XS, S, M, L

I-LIMB® QUANTUM

The i-limb quantum is the new standard for myoelectric prosthetic hands. Incorporating our patented i-mo™ technology, i-limb quantum is the only upper limb prosthesis that can change grips with a simple gesture. Gesture control enables an automated grip to be accessed by moving the i-limb quantum in one of four directions – it really is that simple.

- Five independently articulating digits with individual stall out ability
- 4 methods of control for ultimate freedom – Gesture, App, Muscle, Proximity
- Faster – With our speed boost feature, digit speed can be increased by up to 30%
- Electronically rotating thumb automatically switches between lateral and oppositional grip patterns
- Select from up to 36 different grips available, both pre-programmed and customized
- vari-grip™ feature for enhanced grip strength
- auto-grasp™ feature to prevent objects from slipping
- Industry unique Touch Care package offers unparalleled warranty support for up to 5 years
- biosim™ and my i-limb™ software
- Available in 4 sizes – extra small, small, medium and large
- Multiple covering options available to suit individual lifestyles

Control Methods


i-mo™ intelligent motion
GESTURE CONTROL


triggers
MUSCLE CONTROL


quick grips™
APP CONTROL


grip chips™
PROXIMITY CONTROL

Device Weight			
	Extra Small	Small	Medium/Large
QWD	472g/1.04lbs	512g/1.13lbs	528g/1.16lbs
WD	432g/0.95lbs	472g/1.04lbs	488g/1.08lbs
Flexion Wrist	572g/1.26lbs	612g/1.35lbs	628g/1.38lbs
Friction Wrist	467g/1.03lbs	507g/1.12lbs	523g/1.15lbs



Technical Information	
Voltage	7.4V (nominal)
Max. Current	5A
Battery Capacity	Rechargeable lithium polymer; 7.4V (nominal); 2000mAh capacity; 1300mAh capacity
Max. hand load limit (static limit)	40kg/88lbs (Extra Small) 90kg/198lb (Small/Medium/Large)
Finger carry load (static limit)	20kg/44lbs (Extra Small) 32kg/71lbs (Small/Medium/Large)
Time from full open to full close	0.8 seconds

I-LIMB® QUANTUM

I-LIMB® QUANTUM PACKAGES

TBX50142	i-limb quantum	PK3 i-limb Quantum QWD/WD/ Friction
TBX50472	i-limb quantum - titanium	PK3 i-limb Titanium Quantum QWD/WD/ Friction

- Includes:
- Electrode kit

• Socket kit

• Battery

• QWD/WD/Friction Wrist

• Car charger

• iPod Touch

• Mains charger

• Grip chips

• 6 Coverings

*Choose from i-limb skin active, activeTS, contour, contourTS, natural i-limb skin coverings

TBX50143	i-limb quantum	PK4 i-limb Quantum Flexion
TBX50473	i-limb quantum - titanium	PK4 i-limb Titanium Quantum Flexion

- Includes:
- Electrode kit

• Socket kit

• Battery

• Flexion Wrist

• Car charger

• iPod Touch

• Mains charger

• Grip chips

• 6 Coverings

*Choose from i-limb skin active, activeTS, contour, contourTS, natural i-limb skin coverings

TBX50144	i-limb quantum	PK5 i-limb Quantum QWD/WD/ Friction
TBX50474	i-limb quantum - titanium	PK5 i-limb Titanium Quantum QWD/WD/ Friction

- Includes:
- Electrode kit

• Socket kit

• Battery

• QWD/WD/Friction Wrist

• Car charger

• iPod Touch

• Mains charger

• Grip chips

• 6 Coverings

*2 i-limb skin match and 4 other coverings: choose from i-limb skin active, activeTS, contour, contourTS, natural i-limb skin coverings

TBX50145	i-limb quantum	PK6 i-limb Quantum Flexion
TBX50475	i-limb quantum - titanium	PK6 i-limb Titanium Quantum Flexion

- Includes:
- Electrode kit

• Socket kit

• Battery

• Flexion Wrist

• Car charger

• iPod Touch

• Mains charger

• Grip chips

• 6 Coverings

*2 i-limb skin match and 4 other coverings: choose from i-limb skin active, activeTS, contour, contourTS, natural i-limb skin coverings

I-LIMB® ULTRA

A myoelectric, multi-articulating prosthetic hand with five individually powered digits. Electrically rotating thumb with manual override, glides effortlessly into grip position.

- Individually motorized digits with compliant grip and stall-out ability

• Electronically rotating thumb automatically switches between lateral and oppositional grip patterns

• Faster – With our speed boost feature, digit speed can be increased by up to 30%

• App control provides instant access to quick grips™ at the touch of an icon. Also compatible with Apple Watch

• Muscle control uses specific muscle signals called triggers to instruct the hand to activate a specific grip

• 18 different grip options available

• vari-grip™ feature for enhanced grip strength

• auto-grasp™ - anti drop safety feature for added reassurance

• biosim™ and my i-limb™ software

• Available in 4 sizes – extra small, small, medium and large

• Multiple covering options available to suit individual lifestyles

Control Methods:



Device Weight			
	Extra Small	Small	Medium/Large
QWD	432g/0.95lbs	468g/1.03lbs	478g/1.05lbs
WD	392g/0.86lbs	428g/0.94lbs	438g/0.97lbs
Flexion Wrist	532g/1.17lbs	568g/1.25lbs	578g/1.27lbs
Friction Wrist	427g/0.94lbs	463g/1.02lbs	473g/1.04lbs



The i-limb ultra is also available with titanium strengthened fingers, which increase the carry load by 50%. Available in the sizes S / M and L.

Technical Information	
Voltage	7.4V (nominal)
Max. Current	5A
Battery Capacity	Rechargeable lithium polymer; 7.4V (nominal); 2000mAh capacity; 1300mAh capacity
Max. hand load limit (static limit)	40kg/88lbs (Extra Small) 90kg/198lb (Small/Medium/Large)
Finger carry load (static limit)	20kg/44lbs (Extra Small) 32kg/71lbs (Small/Medium/Large)
Time from full open to full close	0.8 seconds

I-LIMB® ULTRA

I-LIMB® ULTRA PACKAGES

TBX50185	i-limb ultra	PK1 i-limb Ultra QWD/WD/ Friction
TBX50482	i-limb ultra - titanium	PK1 i-limb Titanium Ultra QWD/WD/ Friction

- Includes:
- Electrode kit
 - Socket kit
 - Battery
 - QWD/WD/Friction Wrist
 - Car charger
 - iPod Touch
 - Mains charger
 - 6 Coverings

*Choose from i-limb skin active, activeTS, contour, contourTS, natural i-limb skin coverings

TBX50186	i-limb ultra	PK2 i-limb Ultra Flexion
TBX50483	i-limb ultra - titanium	PK2 i-limb Titanium Ultra Flexion

- Includes:
- Electrode kit
 - Socket kit
 - Battery
 - Flexion Wrist
 - Car charger
 - iPod Touch
 - Mains charger
 - 6 Coverings


*Choose from i-limb skin active, activeTS, contour, contourTS, natural i-limb skin coverings

I-LIMB® ACCESS

A myoelectric, multi-articulating prosthetic hand that offers five individually powered digits and manually rotatable thumb, designed for a broad range of activities.

- Individually motorized digits with compliant grip and stall-out ability
- Manually rotatable thumb that can easily be positioned between lateral and oppositional mode for creating different grip positions
- Faster – With our speed boost feature, digit speed can be increased by up to 30%
- App control provides instant access to quick grips™ at the touch of an icon. Also compatible with Apple Watch
- Muscle control uses specific muscle signals called triggers to instruct the hand to activate a specific grip
- 12 different grip options available.
- biosim™ and my i-limb™ software
- Available in 4 sizes – extra small, small, medium and large
- Multiple covering options available to suit individual lifestyles

Control Methods:



triggers
MUSCLE CONTROL



quick grips™
APP CONTROL

Device Weight			
	Extra Small	Small	Medium/Large
QWD	432g/0.95lbs	468g/1.03lbs	478g/1.05lbs
WD	392g/0.86lbs	428g/0.94lbs	438g/0.97lbs
Flexion Wrist	532g/1.17lbs	568g/1.25lbs	578g/1.27lbs
Friction Wrist	427g/0.94lbs	463g/1.02lbs	473g/1.04lbs

Technical Information	
Voltage	7.4V (nominal)
Max. Current	5A
Battery Capacity	Rechargeable lithium polymer; 7.4V (nominal); 2000mAh capacity; 1300mAh capacity
Max. hand load limit (static limit)	40kg/88lbs (Extra Small) 90kg/198lb (Small/Medium/Large)
Finger carry load (static limit)	20kg/44lbs (Extra Small) 32kg/71lbs (Small/Medium/Large)
Time from full open to full close	0.8 seconds



I-LIMB® ACCESS

I-LIMB® ACCESS PACKAGES

TBX50042	i-limb access	PK1 i-limb Access QWD/WD/ Friction
TBX50484	i-limb access - titanium	PK1 i-limb Titanium Access QWD/WD/ Friction

- Includes:
- Socket Kit
 - Battery
 - Mains Charger
 - QWD/WD/Friction Wrist
 - Car Charger
 - 6 Coverings

*Choose from i-limb skin active, activeTS, contour, contourTS, natural i-limb skin coverings

TBX50043	i-limb access	PK2 i-limb Access Flexion
TBX50485	i-limb access - titanium	PK2 i-limb Titanium Access Flexion

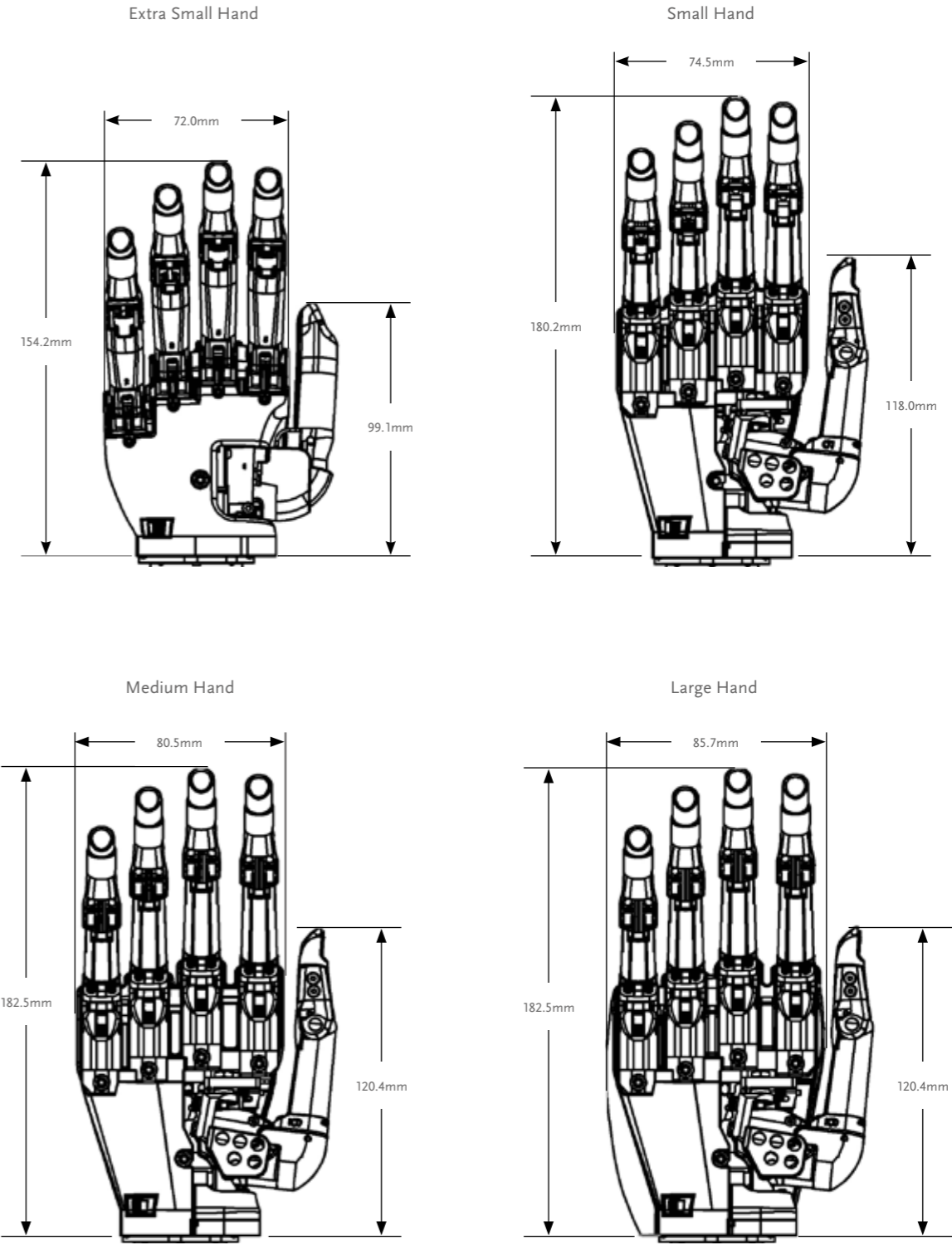
- All packages include:
- Socket Kit
 - Battery
 - Mains Charger
 - Flexion Wrist
 - Car Charger
 - 6 Coverings

*Choose from i-limb skin active, activeTS, contour, contourTS, natural i-limb skin coverings

I-LIMB®

DIMENSIONS

Not to scale



I-LIMB®

WRIST OPTIONS

The i-limb hand range is available with a variety of wrist options

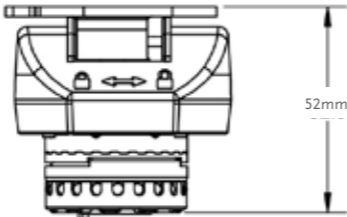
Flexion Wrist

The Flexion Wrist offers passive wrist flexion and extension with the ability to lock it in 5 positions; +40° +20° 0° -20° -40°. The wrist is locked/unlocked with a simple magnetic lock.

Shock absorption is provided reducing forces transferred to the residual limb.

The Flexion Wrist offers the user the ability to complete functional daily activities more comfortably with a reduction in compensatory movements.

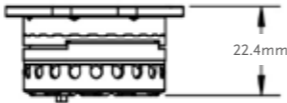
Weight: 161 g / 0.35lbs



Quick Wrist Disconnect

Quick Wrist Disconnect (QWD) offers manual wrist rotation. The hand can be easily fitted to and removed from the prosthesis by the user.

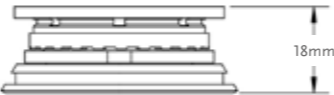
Weight: 54 g / 0.12lbs



Friction Wrist

Friction Wrist is suitable for individuals with a long residual limb, offering manual wrist rotation. The hand cannot be removed from the prosthesis by the user.

Weight: 49 g / 0.11lbs

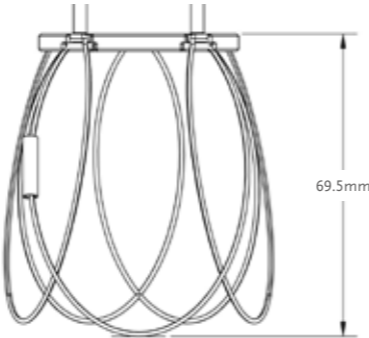


Wrist Disarticulation

Wrist disarticulation (WD) is the lowest profile attachment, making it ideal for users with a long residual limb.

A lamination basket is fabricated directly to the socket. No rotation of the hand is possible, and the user is not able to remove the hand from the prosthesis.

Weight: 17 g / 0.04lbs



I-LIMB®

ACCESSORIES

grip chips™

Can be used to store grips or favourites for i-limb® and i-digits™.

Part#	Description
PL238089	grip chips Starter Kit & App Activation
PL238090	grip chips Replenishment Kit

Toolkit

Required for maintenance of the i-limb® hand.

Part#	Description
PL177001	Repair tool kit T10
PL177002	Repair tool kit T6
PL177003	Repair tool kit T8
PL177004	Repair tool kit T6 with torque driver

Coupling Piece & Coaxial Plug

For QWD connection.

Picture	Part#	Description
1	PL091032	Coupling piece
2	PL091036	4-way coaxial plug

Lamination Ring

For lamination into prosthesis for QWD connection.

Picture	Part#	Description
3	089003	Lamination ring 50 mm
	091037	Lamination ring 45 mm

QWD Tool

Required for assembly of a QWD.

Picture	Part#	Description
4	091084	Quick Wrist Disconnect (QWD) tool

WD Lamination Plate-Basket Assembly

For lamination into prosthesis with WD connection.

Picture	Part#	Description
5	SA149003	WD Lamination plate/basket assembly

Electrode Kits

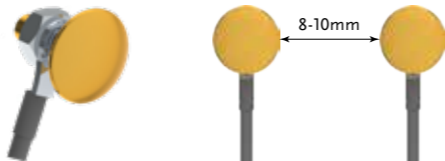
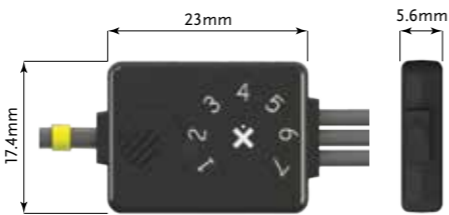
Part#	Description
PL091067	Single site socket component kit, including one electrode kit
PL091068	Dual site socket component kit, including two electrode kits



ELECTRODES

REMOTE ELECTRODES

- For use with all i-limb® hands
- Can offer improved comfort within the socket as closely follow the contours of the residual limb
- Gold-plated domes for optimized EMG signal
- 50Hz or 60Hz
- Dimensions 23mm x 17.4mm x 5.6mm
- 10mm diameter electrode domes
- Optimum electrode dome spacing is 8-10mm
- Gain selection, 1-7. For optimal performance, 4 is the recommended setting
- Gain and threshold can be adjusted through biosim™



The improvement in EMG amplitude is greater than 20% when using gold-plated electrodes.

ELECTRODES

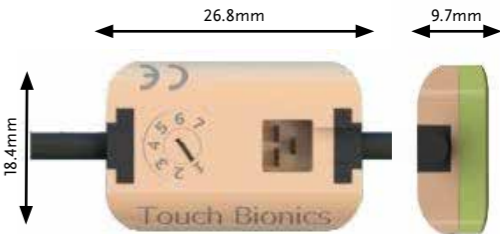
COMPACT ELECTRODES

- For use with all i-limb® hands
- Medical grade stainless steel electrode contacts
- 50Hz or 60Hz
- Protection against dust and water spray, compliant with IP64
- Dimensions 26.8mm x 18.4mm x 9.7mm
- Gain selection 1-7
- Gain and threshold can be adjusted using biosim™ software

Additional Kit Contents:

- Lamination and thermoplastic dummies
- Electrode cable (choice of 300mm or 600mm) and insulated displacement connector
- Electrode gain adjustment tool
- Socket attachment screws and anchors

Part#	Description
PL091050	Compact Electrode Kit, 50Hz (300mm cable)
PL091060	Compact Electrode Kit, 60Hz (300mm cable)
PL091127	Compact Electrode Kit 50Hz (600mm cable)
PL091128	Compact Electrode Kit 60Hz (600mm cable)
PL091029	3-way cable 300mm
PL091030	3-way cable 600mm



CHARGERS & BATTERIES

MAGNETIC CHARGER PORT

- Touch sensitive on/off switch.
- LED battery indicator with low level warning light
- Fail-safe feature - battery reserve prevents hand locking in closed position

Touch Bionics by Össur batteries are required for use with i-limb® hands. 2,000mAh and 1,300mAh dual cell batteries are offered.



Part#	Description
PL000290	Magnetic charge port, including cable adaptor
PL000335	2000mAh battery
PL000336	1300mAh battery

		i-limb 1300mAh Battery	i-limb 2000mAh Battery
Capacity		1300mAh	2000mAh
Battery Dimensions	Length	70mm (2.76")	80mm (3.17")
	Width	35mm (1.39")	44mm (1.74")
	Height	6mm (0.24")	7.5mm (0.30")
Application		Moderate Use	Heavy Use

CHARGERS

Only approved chargers should be used with products from the Touch Solutions range. Different chargers are available for different countries. Please ensure you use the correct charger for your product.

Picture	Part#	Description
1	PL000291	Mains charger power supply unit (also order mains cable)
	000312	Mains cable with UK plug
	000313	Mains cable with EU plug
	000224	Mains cable with US plug
	000315	Mains cable with Aus plug
	000316	Mains cable with SA plug
2	PL000292	Car charger



CHARGERS & BATTERIES

I-LIMB® POWER PACK

The i-limb Power Pack is for users who want the ability to easily replace batteries and are offered with or without a switch block.

Battery housing is fabricated on the outside of socket, allowing for easy access to replace the batteries.

Replaceable battery kits include the following items:

- 1 dual battery housing unit
- 4 Removable 800mAh batteries with low battery LED indicator; battery LED will glow RED when batteries are below 10% charge
- 2 Battery housing dummies
- Dual battery charger base unit
- Wall charging unit
- Switch Block (is typically used in conjunction with a wrist rotator or for patients who would like a power off control on the socket)
- Switch template (if switch block is ordered). This template is to be applied to the desired position on the socket to help guide drill holes.
- 2 Battery Pull cords. Beneficial for bi-lateral users, the battery pull cord provides a simple solution for removing the battery from the socket.
- Car charger



Part#	Description
PL238149	Replaceable Battery Assembly Kit
PL238163	Replaceable Battery Assembly Kit w/ switch block



Dual battery housing unit



800mAh battery



Charger base unit



Wall charger



Switch block

COVERINGS

I-LIMB® SKIN ACTIVE AND TS COVERS

The i-limb skin active cover is designed for the i-limb hands and will fully cover the hand. The palm and inner surface of the cover provide some frictional properties for slip resistance when gripping. The back of the glove is smooth to allow the hand to easily move through sleeves of clothing.

The i-limb skin active TS allows users to use touchscreen devices such as smartphones or tablets with compatible i-limb prostheses.

Note: for large i-limb hands order medium covering.



i-limb skin active

Part#	Description
PL353002	i-limb skin active RH extra small Clear
PL353003	i-limb skin active LH extra small Clear
PL353000	i-limb skin active RH extra small Black
PL353001	i-limb skin active LH extra small Black
092025	i-limb skin active RH small Clear
092026	i-limb skin active LH small Clear
092029	i-limb skin active RH small Black
092030	i-limb skin active LH small Black
092023	i-limb skin active RH medium Clear
092024	i-limb skin active LH medium Clear
092027	i-limb skin active RH medium Black
092028	i-limb skin active LH medium Black
TBX50045	i-limb skin active (black or clear) x 4

i-limb skin active TS

Part#	Description
PL380002	i-limb skin active RH extra small Clear TS
PL380003	i-limb skin active LH extra small Clear TS
PL380000	i-limb skin active RH extra small Black TS
PL380001	i-limb skin active LH extra small Black TS
MP092025	i-limb skin active RH small Clear TS
MP092026	i-limb skin active LH small Clear TS
MP092029	i-limb skin active RH small Black TS
MP092030	i-limb skin active LH small Black TS
MP092023	i-limb skin active RH medium Clear TS
MP092024	i-limb skin active LH medium Clear TS
MP092027	i-limb skin active RH medium Black TS
MP092028	i-limb skin active LH medium Black TS
TBX50047	i-limb skin active TS (black or clear) x 4



COVERINGS

I-LIMB® SKIN CONTOUR AND TS COVERS

The i-limb skin contour cover is a soft silicon glove that is anatomically shaped and is equipped with a slip coating inside for ease of donning & doffing.

The thicker tips and looser fitting on the i-limb hand provides increased durability.

The i-limb skin contour cover is available in 2 colors: clear and black.

Also available with Touch Screen (TS) option.

Note: for large i-limb hands order medium covering.



i-limb skin contour

Part#	Description
PL353004	i-limb skin contour RH extra small Clear
PL353005	i-limb skin contour LH extra small Clear
PL353014	i-limb skin contour RH extra small Black
PL353015	i-limb skin contour LH extra small Black
PL354004	i-limb skin contour RH small Clear
PL354005	i-limb skin contour LH small Clear
PL354014	i-limb skin contour RH small Black
PL354015	i-limb skin contour LH small Black
PL355004	i-limb skin contour RH medium Clear
PL355005	i-limb skin contour LH medium Clear
PL355014	i-limb skin contour RH medium Black
PL355015	i-limb skin contour LH medium Black
TBX50053	i-limb skin contour x 4

i-limb skin contour TS

Part#	Description
PL380004	i-limb skin contour RH extra small Clear TS
PL380005	i-limb skin contour LH extra small Clear TS
PL380012	i-limb skin contour RH extra small Black TS
PL380013	i-limb skin contour LH extra small Black TS
PL381004	i-limb skin contour RH small Clear TS
PL381005	i-limb skin contour LH small Clear TS
PL381012	i-limb skin contour RH small Black TS
PL381013	i-limb skin contour LH small Black TS
PL382004	i-limb skin contour RH medium Clear TS
PL382005	i-limb skin contour LH medium Clear TS
PL382012	i-limb skin contour RH medium Black TS
PL382013	i-limb skin contour LH medium Black TS
TBX50054	i-limb skin contour TS x 4

COVERINGS

I-LIMB® SKIN NATURAL COVERS

The i-limb skin natural cover is designed to be close to natural human anatomy. A color swatch is available to select the closest color match between clients natural skin color and the color of the i-limb skin natural cover. There are 18 color options for the i-limb skin natural cover.

The i-limb skin natural covers extend to just proximal to the wrist level. For coverage of the forearm section of the prosthesis, forearm sleeves are available in the corresponding colors.

Note: for large i-limb hands order medium covering.



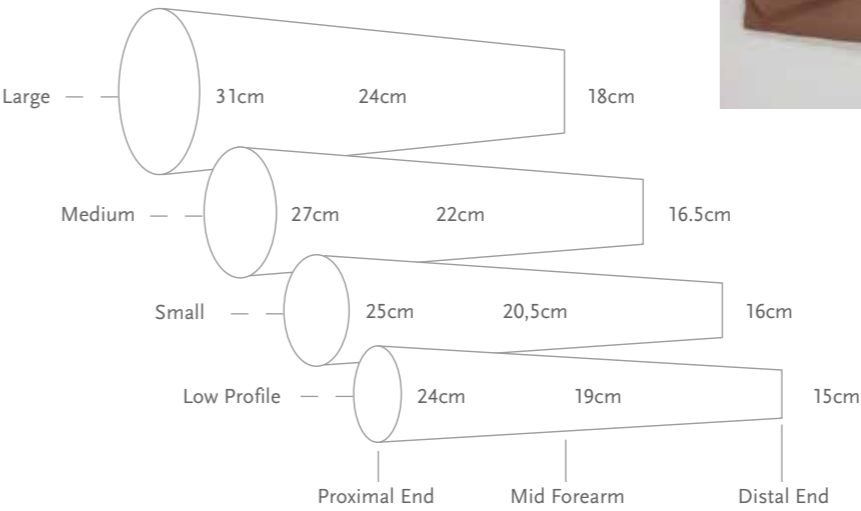
	Extra small		Small		Medium	
Color	LH	RH	LH	RH	LH	RH
1	066582	066564	066509	066491	066473	066455
2	066583	066565	066510	066492	066474	066456
3	066584	066566	066511	066493	066475	066457
4	066585	066567	066512	066494	066476	066458
5	066586	066568	066513	066495	066477	066459
6	066587	066569	066514	066496	066478	066460
7	066588	066570	066515	066497	066479	066461
8	066589	066571	066516	066498	066480	066462
9	066590	066572	066517	066499	066481	066463
10	066591	066573	066518	066500	066482	066464
11	066592	066574	066519	066501	066483	066465
12	066593	066575	066520	066502	066484	066466
13	066594	066576	066521	066503	066485	066467
14	066595	066577	066522	066504	066486	066468
15	066596	066578	066523	066505	066487	066469
16	066597	066579	066524	066506	066488	066470
17	066598	066580	066525	066507	066489	066471
18	066599	066581	066526	066508	066490	066472

COVERINGS

I-LIMB® SKIN NATURAL FOREARM SLEEVES

i-limb skin natural forearm sleeves offer a cosmetic cover for the forearm section of the prosthesis, for those individuals who wish the forearm of the prosthesis to be covered. Available in 4 circumference sizes (low profile, small, medium, large) to fit the dimensions of the forearm of the prosthesis. 18 color options are available.

Forearm sleeves are 35cm long.



Color	Low Profile	Small	Medium	Large
1	066629	066628	066627	066626
2	066633	066632	066631	066630
3	066637	066636	066635	066634
4	066641	066640	066639	066638
5	066645	066644	066643	066642
6	066649	066648	066647	066646
7	066653	066652	066651	066650
8	066657	066656	066655	066654
9	066661	066660	066659	066658
10	066665	066664	066663	066662
11	066669	066668	066667	066666
12	066673	066672	066671	066670
13	066677	066676	066675	066674
14	066681	066680	066679	066678
15	066685	066684	066683	066682
16	066689	066688	066687	066686
17	066693	066692	066691	066690
18	066700	066696	066695	066694

COVERINGS

I-LIMB® SKIN MATCH COVERS

For the most realistic covering option possible, the i-limb skin match is a fully customized silicone covering that exactly matches the user’s skin tone and features.

The i-limb skin match cover extends to just proximal to the wrist level. For coverage of the forearm section of the prosthesis, a i-limb skin match forearm cover can also be produced matching the users skin tones.

Part#	Description
066006	i-limb skin match hand cover
066448	i-limb skin match forearm sleeve
066449	i-limb skin match hand covering including custom forearm sleeve



I-DIGITS™ QUANTUM

i-digits quantum is a customized prosthetic device for individuals with partial hand loss or deficiency.

i-digits quantum is appropriate for partial hand absence. Suitable candidates present with partial hand loss where the level of loss or deficiency is distal to the wrist and proximal of the metacarpophalangeal joint. Anywhere from one to five digits can be replaced.

i-digits quantum offers the ability to change grips with a simple gesture.

Design.

- Fully customized prosthesis for partial hand loss or absence
- Anywhere from 1 to 5 digits can be replaced
- Up to 32 grips available
- Form fitting anatomical design
- Self-contained wristband houses batteries & microprocessor

Dexterity.

- Digits move independently and work in conjunction with remaining fingers
- Full wrist range-of-movement
- vari-grip™ feature for enhanced grip strength
- auto grasp™ anti-drop feature for added reassurance
- Boost speed and strength by up to 30% with my i-limb™ app

Intelligent motion.

Gesture control enables an automated grip to be accessed by moving the i-digits quantum in one of four directions.

Control Methods:



i-mo™ intelligent motion
GESTURE CONTROL



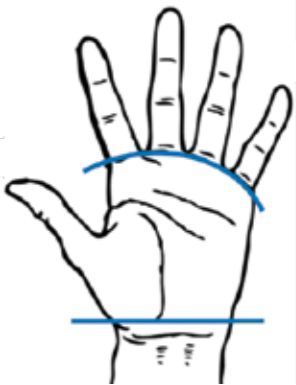
triggers
MUSCLE CONTROL



quick grips™
APP CONTROL



grip chips™
PROXIMITY CONTROL



I-DIGITS™ QUANTUM PACKAGES

Part#	Description
TBX50008	PK1 i-digit quantum 1 digit
TBX50016	PK1 i-digit quantum 2 digit
TBX50024	PK1 i-digit quantum 3 digit
TBX50032	PK1 i-digit quantum 4 digit
TBX50040	PK1 i-digit quantum 5 digit



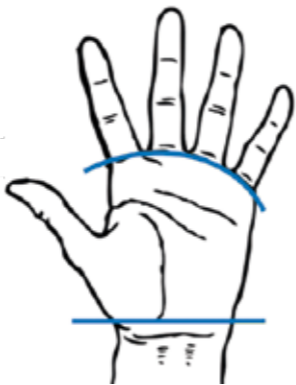
I-DIGITS™ ACCESS

i-digits access is a customized prosthetic device for individuals with partial hand loss or deficiency.

i-digits access is appropriate for partial hand absence. Suitable candidates present with partial hand loss where the level of loss or deficiency is distal to the wrist and proximal of the metacarpophalangeal joint. Anywhere from one to five digits can be replaced.

i-digits access offers a functional partial hand solution.

- Fully customized prosthesis for partial hand loss or absence
- Anywhere from 1 to 5 digits can be replaced
- Up to 12 grips available
- Form fitting anatomical design
- Self-contained wristband houses batteries & microprocessor
- Digits move independently and work in conjunction with remaining fingers
- Full wrist range-of-movement



I-DIGITS™ ACCESS PACKAGES

Part#	Description
TBX50006	PK1 i-digit access 1 digit
TBX50014	PK1 i-digit access 2 digit
TBX50022	PK1 i-digit access 3 digit
TBX50030	PK1 i-digit access 4 digit
TBX50038	PK1 i-digit access 5 digit



I-DIGITS™

DIMENSIONS

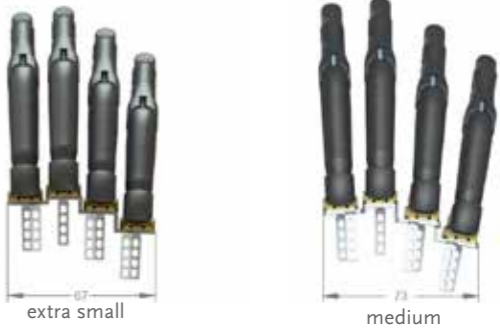
i-digits are available in extra small and medium sizes.

The extra small mounting plate is 67mm wide, with a straight digit alignment.

The medium mounting plate is 73mm wide, with a splayed digit alignment.

	Thumb	Index	Middle	Ring	Little
Extra Small	5	5	5	3	2
Medium	5	6	6	5	3

These configurations provide the optimal digit arrangement and functionality for individuals within the advised fitting guidelines.



INPUT OPTIONS

A range of input options are available for i-digits allowing the optimum option for the individual user to be utilized.

LP remote electrodes

Low profile gold domes, conform well to the shaping of the residual hand for improved comfort. Suspension piece is fabricated within the silicone socket. This provides the optimum suspension and spacing of the electrode domes. Two domes are positioned together for the muscle site, and one single shared ground dome can be used for dual site control.

Picture	Part#	Description
1	PL441012	LP Remote electrode kit
	SA441080	Check Socket Remote electrode



FSR (Force Sensing Resistor)

Very thin touch pad which the user physically moves a part of their residual hand against the pad. Most useful when a short finger remnant is present.

Picture	Part#	Description
	SA441092	FSR for i-digits (small)
2	SA441093	FSR for i-digits (large)



I-DIGITS™

ACCESSORIES

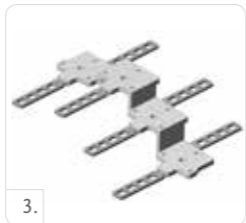
Batteries and Chargers

Picture	Part#	Description
1	SA069313	800mAh battery
	PL069380	i-digits car charger DC socket
	069436	i-digits charger DC input plug - EU
	069332	i-digits charger DC input plug - UK
	069504	i-digits charger DC input plug - Australia
	069372	i-digits charger DC input plug - US
	PL069340	i-digits battery charger base unit
2	069331	i-digits power supply unit (must be ordered with input plug)



Assembly Accessories

Picture	Part#	Description
3	SA441036	i-digits RH mounting knuckle plate assembly - extra small
	SA440003	i-digits LH mounting knuckle plate assembly - extra small
	SA069406	i-digits RH mounting knuckle plate assembly - medium
4	SA069405	i-digits LH mounting knuckle plate assembly - medium
	PL441052	Thumb pivot assembly
	069227	Thumb angled mounting plate
	PL441056	Single wired knuckle assembly
	SA400074	Ratchet Strap + Screws + Shoulder Insert Assembly
	PL177004	Repair tool kit T6 with torque driver



Bellows Assembly

Part#	Description
SA441040	i-digits electrode bellows assembly 50Hz
SA451002	i-digits electrode bellows assembly 60Hz
SA441078	FSR bellows assembly for i-digits

Digit Tips

Part#	Description
441031	i-digits cover size 2 black
441082	i-digits cover size 2 clear
441032	i-digits cover size 3 black
441083	i-digits cover size 3 clear
441033	i-digits cover size 5 black
441084	i-digits cover size 5 clear
441034	i-digits cover size TS 5 black

Part#	Description
441085	i-digits cover size TS 5 clear
441035	i-digits thumb cover black
441088	i-digits thumb cover clear
441076	i-digits cover size 6 black
441086	i-digits cover size 6 clear
441077	i-digits cover size TS 6 black
441087	i-digits cover size TS 6 clear

VIRTU-LIMB™

virtu-limb is a wireless simulation and training product for myoelectric upper limb prostheses.

virtu-limb can be used for a variety of purposes:

- Measuring clients' myoelectric signals to determine the best muscle sites for their prosthesis
- Training clients how to control their muscle signals
- Training clients how to use automated grips
- Connect to biosim™ or my i-limb™ software
- Use muscle signals to control virtual hand on software
- Attach i-limb hand to demonstrate i-limb products to clients

Part#	Description
PL188000	virtu-limb Kit - US (60 Hz)
PL189000	virtu-limb Kit - UK
PL189002	virtu-limb Kit - EU
PL189003	virtu-limb Kit - Australia
SA188010	virtu-limb FSR touchpad
PL189001	virtu-limb compact electrode kit (50 Hz) - 2 supplied
PL188064	virtu-limb compact electrode kit (60 Hz) - 2 supplied



virtu-limb™ to measure myoelectric signals

DEMO-LIMB™

demo-limb is a portable demonstration and user training tool. Any i-limb® hand with a QWD wrist connection can be attached to the demo-limb and controlled via FSRs or electrodes to demonstrate how the i-limb hands work.

FSRs are useful for demonstrating the functions of the i-limb hand, like gesture or muscle control.

The electrodes enable a potential i-limb user to utilize their muscle sites and control the i-limb hand offering a product demo for potential users as well as a demonstration and testing of grips.

The i-limb hand can be linked to biosim™ or my i-limb to allow programming, use of quick grips and review of users signals using the real time graph.

With an i-limb quantum hand the demo-limb™ is particularly useful for activation of gesture control.

Features of the demo-limb:

- Two FSR's to simulate open and close signals programmable for co-contraction, double and triple impulse
- Possibility to connect electrodes for control
- Ability to demonstrate gesture control, muscle control, app control and proximity control
- QWD connection
- Exchangeable battery

Part#	Description
PL071000	demo-limb

demo-limb is compatible with virtu-limb electrodes and Power Pack batteries.



LIVINGSKIN™

OVERVIEW

A livingskin prosthesis is designed to be unnoticed.

Hand crafted from high definition silicone and hand painted to match skin tone and appearance, our livingskin prostheses are very realistic. We take care to ensure that the detail of these prostheses is remarkable, introducing features such as freckles and hair.

In addition to the realistic appearance of our livingskin products, it is important to remember that passive prostheses like these still have important functional capabilities. This includes actions such as pushing, pulling, stabilizing, supporting, light grasping and typing.



livingskin fingers

Part#	Description
066453	partial finger
066026	1 finger
066029	2 fingers
066039	3 fingers
066040	4 fingers
066134	5 fingers
066135	finger band



livingskin hands

Part#	Description
066014	partial hand
066015	full hand



livingskin transradial & transhumeral

Part#	Description
066016	transradial passive to elbow
066017	transhumeral passive to axilla



LIVINGSKIN™

ACCESSORIES

Part#	Description
TBX50059	SeasonGuard
066443	dermahair - finger
066065	dermahair - hand
066442	dermahair - arm
TBX50059	dermahair - transradial
092039	extra silicone material - per 1 lb tube
TBX50181	orthotic device (including thumb stabilizer)
TBX50050	internal rigid frame for wrist disarticulation prosthesis
TBX50135	pronation/supination wrist component
TBX50070	flexion/extension wrist component
TBX50166	slipcoat

ÖSSUR LINERS

INVENTORS

ICEROSS® LINERS

Iceross stands for Icelandic Roll-On Silicone Socket. It was developed by Össur Kristinsson, a prosthetist and prosthetic user, as an alternative suspension system to more conventional methods. It functions to protect the skin, enhance comfort by reducing pressure peaks within the socket, and to eliminate motion between the socket and residual limb. Iceross is available in a range of suspension designs to suit different residual limbs and lifestyles.

WHY ICEROSS?

COMFORT - All Iceross interface systems are made exclusively from a variety of densities of silicone. Silicone has a proven history of use in the medical field because of its unique material properties. The properties provide benefits such as cushioning for bony and sensitive areas, high elasticity to enable ease of conformity to most residual limb shapes, and high tear strength for increased durability.

PROTECTION - Iceross has been designed to function in a way similar to a compression stocking, i.e. by improving blood circulation while controlling swelling. It also protects skin and newly formed or sensitive scar tissue by reducing potentially damaging shear forces.

SUSPENSION - Iceross liners offer 3 different suspension methods; the Iceross Seal-In, Locking and Cushion liners so it is easy to find something that will suite your patient needs.



Össur Kristinsson

TOTAL KNEE®

Total Knee was the brain-child of Swedish inventor Finn Gramnas. Unhappy with the heavy and unwieldy prosthesis his six-year-old daughter was being offered in 1986, he retired to his garage and began inventing something far superior. Perhaps the world's youngest R&D specialist, Lisa Gramnas helped her father fine-tune dozens of prototypes for the Total Knee.

WHY THE TOTAL KNEE?

The uniqueness of the Total Knee is the Geometric Lock, which keeps the knee from collapsing when it is in full extension. Its polycentric design imitates natural knee motion, while the adjustable “stance-flex bumper” acts as a shock absorber, simulating the flexing action that occurs in the normal knee while walking or running.



Finn & Lisa Gramnas

MAUCH KNEE®

A German scientist and engineer, Hans Mauch was fascinated by the field of rehabilitative medicine. From the late 1950s he devoted his energies to prosthetic development. Building on studies sponsored by America's Veterans Administration, he collaborated with fellow scientist Ulrich Henschke to design the Mauch hydraulic knee system.

WHY THE MAUCH KNEE?

Mauch's progressively designed hydraulic systems provide amputees with a less strenuous and more controlled means of ambulation on varied terrains and in sports activities. From running, to walking step over step down stairs, Mauch offers a smooth natural gait and a high level of flexibility for more active lifestyles.Inventors



Hans Mauch

FLEX-FOOT®

Flex-Foot was first introduced in 1984 by prosthetic user, research prosthetist, and inventor Van Phillips. Two critical breakthroughs made these products unique and revolutionized the everyday aspirations of amputees. The first, energy storage and release, is a function inherent in the patented carbon fiber design of Flex-Foot. The second, vertical shock absorption, enables a more natural gait and protects the sound limb and remaining joints of the amputated limb from excessive shock.

WHY FLEX-FOOT?

Different functions are available within the Flex-Foot range to suit individual needs. All models offer significant advantages over conventional prosthetic feet. Twenty years of scientific material research lead to this unparalleled design, making Flex-Foot the ideal choice for durability, comfort and performance.



Van Phillips

GENERAL INFORMATION

WE ARE HERE TO HELP

If you need advice on Össur product selection, there are a number of ways in which we can help:

SELECTION CHARTS

These are available online at www.ossur.com and in wall chart format. Contact your Össur customer service representative for wall charts.

SALES MANAGERS, CUSTOMER SERVICE AND TECHNICAL SERVICE

Our sales managers, customer service and technical service teams are always happy to advise and assist. For contact details visit www.ossur.asia and check the customer service pages for your location. Technical experts are also available online.

We hope the clear layout of our catalog will easily guide you through this comprehensive range of products. Should you need any assistance, feel free to contact our customer service teams or visit our website, www.ossur.asia.

TERMS OF SALE AND POLICIES

HOW TO ORDER

Össur part numbers and item descriptions must be included on all orders.

PRICES AND PAYMENT TERMS

For price and payment terms please refer to our current Price List.

RETURNS, ADJUSTMENTS AND CREDITS

Please inspect all orders immediately upon receipt. In the event of items being ordered or shipped in error, please notify the Customer Service Department for a Return Authorization number (RA#). Össur must be contacted within five (5) business days of the receipt of goods. Prior approval and an RA# must be obtained for credit. The RA# must be printed on the outside of the package and a copy of the original invoice or packing slip must be included. All returns are subject to inspection.

SINGLE PATIENT USE

Össur products and components are designed and tested to ISO 10328. Compatibility and compliance with this standard is achieved only when Össur products and components are used with other recommended Össur or authorized components. If unusual movement or product wear is detected in a structural part of a prosthesis at any time, the patient should be instructed to immediately discontinue use of the device and consult his/her clinical specialist. This product has been designed and tested based on single patient usage. It is a single-use device and should never be used by multiple patients. If any problems occur with the use of this product, immediately contact your Össur representative.

WARRANTY PROCEDURE

All Össur products are guaranteed to be free of defects in materials and workmanship upon purchase. Any product found to be defective under normal and correct use will be replaced at no charge with the same item. If an item needs to be replaced under warranty, the replacement item will ship as soon as possible and the full retail cost will be invoiced. Upon receipt of the warranty item, a credit will be given under the terms that apply.

BIONIC TECHNOLOGY BY ÖSSUR		LIMITED WARRANTY	UNITY VACUUM SUSPENSION SYSTEM		LIMITED WARRANTY
Proprio Foot		24 Months*	Unity Pump Kit		24 Months
Symbionic Leg 3		36 Months*	Membrane		12 Months
Rheo Knee		36 Months*			
Rheo Knee XC		36 Months*	FEET		LIMITED WARRANTY
Power Knee		36 Months*	Re-Flex Shock		36 Months
Power Knee Batteries		12 Months	Re-Flex Rotate		36 Months
Symbionic Leg 3 Protector		6 Months	Vari-Flex Modular		36 Months
			Vari-Flex		36 Months
			Pro-Flex		36 Months
			Pro-Flex XC		36 Months
			Pro-Flex LP		36 Months
			Pro-Flex XC Torsion		36 Months
			Pro-Flex LP Torsion		36 Months
			Pro-Flex LP Align		24 Months
			Talux		36 Months
			LP Vari-Flex		36 Months
			Flex-Foot Assure		36 Months
			Balance Foot J		24 Months
			Flex-Foot Balance		12 Months
			Flex-Foot Balance with DP-Flexion		12 Months
			Elation		12 Months
			Flex-Symes		36 Months
			Chopart		24 Months
			Flex-Run With Nike Sole		12 Months
			Cheetah Xplore		36 Months
			Flex-Foot Cheetah Xtreme		12 Months
			Flex-Foot Cheetah Xtend		12 Months
			Flex-Foot Cheetah		12 Months
			Vari-Flex Junior		18 Months
			Flex-Foot Junior		18 Months
			Cheetah Junior		18 Months
			Cheetah Xplore Junior		18 Months
			Flex-Run Junior		18 Months
			Foot Cover		2 Months
			Pro-Flex Foot Cover		6 Months
			FSE and FSL Foot Covers		6 Months
			Calf Comesis		6 Months
			Nike Sole		2 Months
			Nike Spike Pad		2 Months
			Foam Heel Counter and Sole		6 Months
			MAUCH KNEE		LIMITED WARRANTY
			Mauch Knee		24 Months
			Mauch Knee Plus		24 Months
			CHEETAH KNEE		LIMITED WARRANTY
			Cheetah Knee		18 Months

* 1, 2 or 3 year extended warranties on Bionic devices (Power Knee batteries excluded) are available for purchase, contact Össur Customer Service for options and prices. Maximum total warranty period is 5 years, must be purchased within one year of original purchase date.

WARRANTY PROCEDURE

TOTAL KNEE		LIMITED WARRANTY	PASSIVE UPPER LIMB PROSTHETICS		LIMITED WARRANTY
Total Knee 1900		24 Months	Livingskin Passive Device		12 Months
Total Knee 2000		24 Months			
Total Knee 2100		24 Months			
Total Knee Junior		24 Months			
OP2 Knee		24 Months			
OP4 Knee		24 Months			
OP5 Knee		24 Months			
OHP3 Knee		24 Months			
OH5 Knee		24 Months			
OH7 Knee		24 Months			
Paso Knee		24 Months			
BALANCE KNEE		LIMITED WARRANTY			
Balance Knee		24 Months			
Balance Knee OFM2		24 Months			
Balance Knee OFM1		24 Months			
Balance Knee OM8		24 Months			
LOCKING KNEE		LIMITED WARRANTY			
Locking Knee		12 Months			
ICELOCK		LIMITED WARRANTY			
Icelock 100 Series		12 Months			
Icelock 200 Series		12 Months			
Icelock 300 Series		12 Months			
Icelock 400 Series		12 Months			
Icelock 500 Series		6 Months			
Icelock 544 Series		6 Months			
Icelock 600 Series		12 Months			
Icelock 700 Series		12 Months			
STANDARD ADAPTERS		LIMITED WARRANTY			
Össur Standard Adapters		24 Months			
Össur Junior Adapters		24 Months			
Fixed Offset Adapters		12 Months			
SOCKET SYSTEMS		LIMITED WARRANTY			
Icecast Anatomy		12 Months			
UPPER LIMB		LIMITED WARRANTY			
I-Limb Access		12 Months*			
I-Limb Ultra		24 Months*			
I-Limb Quantum		24 Months*			
I-Digits Access		12 Months*			
I-Digits Quantum		24 Months*			
UPPER LIMB ACCESSORIES		LIMITED WARRANTY			
I-Limb Skin Coverings		3 Months			
Hand Accessories		12 Months**			
Demo-Limb		12 Months			
Virtu-Limb		12 Months			

*Extended warranty is available to purchase, contact Össur Customer Service for options and prices. Maximum total warranty period is 5 years. Extended warranty must be purchased while device is still within warranty.

**If purchased within an i-limb or i-digit kit, the warranty period for the kit will apply to the accessory.

RETURNS / COMPLAINTS FORM

To register a return or a complaint please complete this form in full and fax it to Customer Service.
Please Note: The customer ref. number is the code on our documents to you which begins UK or IE. This code must be quoted for all returns.

SECTION 1

Shipment number: SS _____ Invoice number: SI _____

Customer: _____ Customer ref. number: _____

Prosthetist: _____ Date: _____

User: _____ Age: _____ Weight (kg): _____ Weight gain: Yes / No _____

Impact level: Extreme / High / Medium / Low Period the product has been in use: _____

Do you require a formal written response to the return/complaint: Yes / No _____

Was the user injured: Yes / No _____ Nature of injury: _____

Product categories:	Interface Systems	Feet & Shocks	Knees	Icelock & Components
Product description:	_____	_____	_____	_____
Part number:	_____	_____	_____	_____

SECTION 2A, FOR PRODUCT RETURNS:

Description of problem: _____

Warranty claim: Yes / No _____

SECTION 2B, FOR COMPLAINTS:

Nature of complaint: Product related / Service related _____

Description of problem: _____

NOTES

NOTES
