



WE ARE PROTEOR

At **PROTEOR USA**, we are in the constant pursuit of innovation with the best possible outcomes in mind. Keeping **#HumanFirst** as our mantra for over 100 years, we are committed to developing the most comprehensive product portfolio in the Orthotic & Prosthetic industry.

With the recent addition of the **Freedom Plie® 3**, **Freedom Kinnex™ 2.0**, and numerous other prosthetic products to our existing product offerings including the **RUSH Foot® Collection** and the **ALLUX™ 2 MPK**, we welcome you to take a look at our inclusive and extensive product catalog. Discover the exciting **PROTEOR USA** product line and our commitment to the pursuit of innovation.

Putting the **#HumanFirst**, we are excited to deliver an extensive, progressive product line that includes everything today's prosthetic wearer needs to **LIVE THE LIFE THEY LOVE.**

Your **PROTEOR USA** Rep

<Rep Name>
<Email> • <Phone Number>
proteorusa.com

TABLE OF CONTENTS

Portfolio Overview	3
Knees	4
1M Series	5
1M12 Series	6
1M102 Series	7
Symphony	8
Matik	9
ALLUX™ 2	10
Freedom Plie® 3	11
HyTrek	12
EasyRide	13
Feet	14
Gery	15
DynaStep	16
Freedom Sierra®	17
Freedom Pacifica®	18
Freedom Pacifica® LP	18
Freedom Highlander®	19
Freedom Highlander® MAX	19
Freedom DynAdapt™	20
Freedom Agilix™	21
RUSH ROGUE®	22
RUSH RAMPAGE®	23
RUSH ROGUE® LP	24
RUSH HiPro®	25
RUSH ROVER®	26
RUSH Kid®	27
RUSH Chopart®	28
RUSH Foot® EVAQ8 Collection	29
RUSH Foot® H2O Collection	30
EasyRun	31
Feet & Ankles	32
Freedom Kinterra™ 2.0	32
Freedom Kinnex™ 2.0	33
Components	35
Socket Technology	45
Materials	60

Portfolio Overview



KNEES



1M
SERIES

1M112
SERIES

1M102
SERIES

Symphony

matik

ALLUX2

FREEDOM
PLIÉ3
MICROPROCESSOR KNEE

HYTREK

EASY RIDE



With it's convenient lock, the 1M Series ensures patient safety while walking.

- Joint friction adjustment.
- Lock with adjustable stop.
- Socket rotation adjustment: $\pm 15^\circ$.



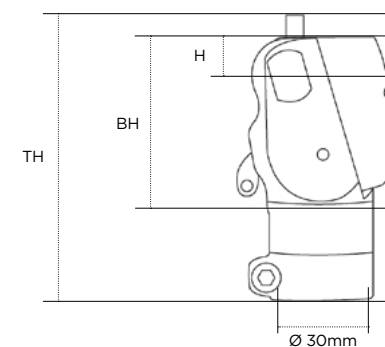
TECHNICAL FEATURES

Item N°.	Max. Patient Weight	Weight	TH	BH	H	Material	Release lever	Flexion	Distal Adapter
1M01	220lbs/ 100kg	345g	99mm	58mm	13mm	Alu + Steel	No	130°	Tube Ø 30mm
1M10		355g					Yes		
1M01-HD	275lbs/ 125kg	375g	102mm	59mm	14mm		No		Tube Ø 34mm
1M10-HD							Yes		

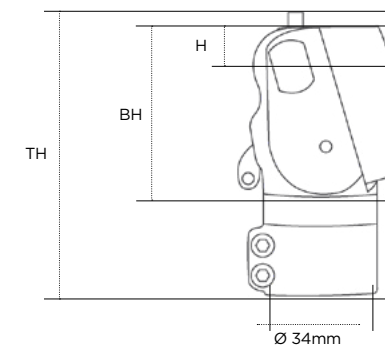
ORDER ONE OF THE FOLLOWING TO COMPLETE YOUR ORDER



1M01 / 1M10

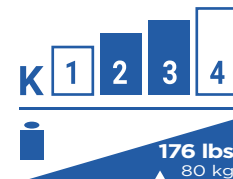


1M01-HD / 1M10-HD





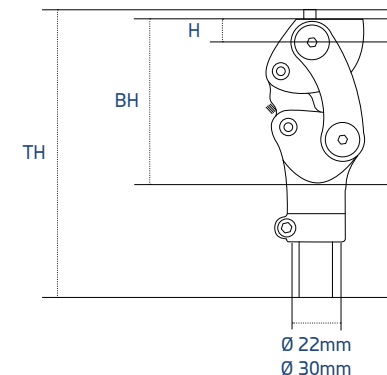
1M112 SERIES



KNEES

Compact 4-axis knee.

- Socket rotation adjustment: $\pm 15^\circ$.
- Friction adjustment.
- Extension assist adjustment.
- Safety in stance phase ensured by alignment and axis geometry.
- The 4-axis and linkage geometry provides a shortening of the leg segment during swing phase.



TECHNICAL FEATURES

	Item N°.	Max. Patient Weight	Weight	TH	BH	H	Material	Flexion	Distal Adapter
Peds	1M112	99lbs/ 45kg	320g	155mm	75mm	11mm	Aluminum	165°	Tube Ø 22mm
	1M113	176lbs/ 80kg	340g	155mm	75mm	11mm	Aluminum	165°	Tube Ø 30mm

ORDER ONE OF THE FOLLOWING TO COMPLETE YOUR ORDER



1K40

1K164

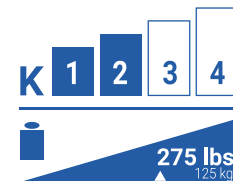
1K160

1K163



KNEES

1M102 SERIES



The unique alignment and axis geometry of the 1M102 offer increased safety during stance phase.

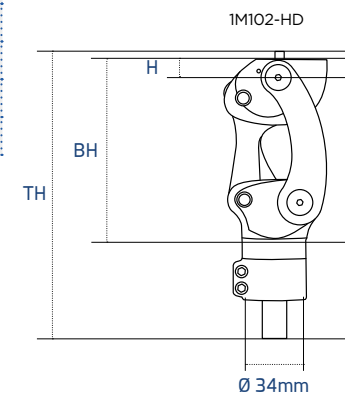
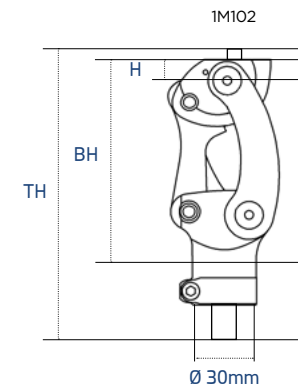
- Socket rotation adjustment: $\pm 15^\circ$.
- Friction adjustment.
- Extension assist adjustment.
- Optional lock available.



TECHNICAL FEATURES

Item N°.	Max. Patient Weight	Weight	TH	BH	H	Material	Lock	Flexion	Distal Adapter
1M102	220lbs/ 100kg	565g	184mm	113mm	12mm	Aluminum	No	160°	Tube Ø 30mm
1M102V		575g					Yes		
1M102-HD	275lbs/ 125kg	500g	184mm	113mm	12mm		No		Tube Ø 34mm
1M102V-HD		525g					Yes		

ORDER ONE OF THE FOLLOWING TO COMPLETE YOUR ORDER





Fluidity, functionality, safety; a perfect composition.

The **Symphony** Knee is designed with a unique, 6-Bar polycentric structure that provides an extremely high level of stability during stance phase. Its innovative mechanical sensor, the p-MRS system, automatically detects gait status and controls the stability of the knee joint accordingly. Its hydraulic cylinder provides a smooth swing phase and works with the **Symphony's** adjustable stance flexion feature to enhance the patient's ambulatory experience and provide a comfortable, confident gait to the user.

- 6-Bar hydraulic knee.
- Adjustable stance flexion.
- Easy to access user adjustable manual lock.
- High level of stability due to geometric locking of the knee through toe off.
- Low build height.
- Unique hydraulic cylinder design allows easy flexion initiation.
- Convenient and user friendly 7.75in overall height.
- High maximum flexion angle of 170°.

TECHNICAL FEATURES

Item N°	NK-6	NK-6+L	NK-6 SH	NK-6 SH+L
Proximal Connection	Male Pyramid Adapter		Threaded Top	
Selective Lock	-	O	-	O
Total Length	7.75" (197mm)		7.5" (191mm)	
A ref. measurement	.5" (114mm)		.5" (14.5mm)	
B ref. measurement	6.125" (156mm)			
Weight	920g	970g	960g	1010g
Max Knee Flexion Angle	170°			
Material	Titanium & Aluminum			
Max Body Weight	275lbs / 125kg - 220lbs / 100kg for Hip Prosthesis & High Active Use Compliance with ISO P6(A-125kg)			
Activity Level	K3			

1X998 To avoid spoiling the pyramid during trials





matik



KNEES



The Matik was designed to provide an affordable 4-axis pneumatic knee for patients up to 275lbs.

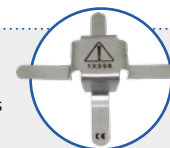
Simply and effectively designed to provide high function with low maintenance. The easy swing of the pneumatic unit and the reduced weight of the knee give the patient a heightened sensation of fluidity and comfort. To support safety during swing phase and reduce the risk of a fall, the toe clearance height reaches 25mm, one of the industry's highest for this type of knee. **Matik** has both flexion and extension adjustments which address terminal impact and excessive heel rise potentials.

- Pneumatic knee with extension spring.
- Secure 4-axis geometry.
- Safety and security through generous toe clearance during swing phase.
- Compact and lightweight (26,21oz / 743g).
- Adapted for patients up to 275lbs / 125kg.

TECHNICAL FEATURES

Item N°.	1P200	1P200-KD
Weight	743g	
TH/BH/H (in mm)	204/175/11,5	195/172/8
Materials	Aluminum, Stainless steel	
Knee flexion	170°	
Proximal Connector	Pyramid	Threaded Top
Distal Connector	Pyramid	
Maximum patient weight	275lbs / 125kg	
Activity level	K2 / K3	

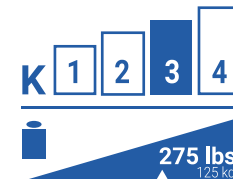
1X998 To avoid spoiling the pyramid during trials





KNEES

ALLUXTM 2



In pursuit of the world's safest knee.

ALLUXTM 2 is the first (and only) 4-Bar MPK that controls both stance, and swing phase. It's unique design boasts a dual safety system based on inherent stability factors and microprocessor control. **ALLUXTM 2** heightens safety and security while providing exceptional functionality to the user.

- PC and/or remote control no longer required. **ALLUXTM 2** is fully programmable via a Bluetooth enabled device.
- Using a Bluetooth enable device, the user can choose from 5 different modes as needed.
- New needle bearings used in the 4-Bar linkage provide smooth movement, increased durability, improved water resistance, and an industry-leading 180° flexion.
- It's polycentric design reduces chances of stumbling by increasing toe-clearance. In case of stumbling, the microprocessor immediately increases hydraulic resistance to prevent sudden buckling.
- Because of its polycentric design and inherent stability, **ALLUXTM 2** is also suitable for high or low activity users with long transfemoral, or knee disarticulation amputation levels.

TECHNICAL FEATURES

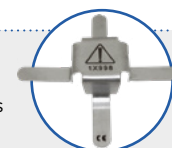
Item N°.	NE-Z41	NE-Z41SH
Weight	1510g	1520g
Height	11.5" (295mm)	11.33" (287mm)
Knee flexion	180°	
Proximal Connector	Pyramid	Threaded Top
Distal Connector	Pyramid	
Maximum patient weight	275lbs / 125kg	
Activity level	K3	
Battery & Supplemental backup battery	Lithium Ion	
Water resistance	IP44	

Programmable via
Adjustment App
for Prosthetists
(iOS and Android)

Adjustable via
Remote Control App
for Users
(iOS and Android)



1X998 To avoid spoiling
the pyramid during trials





Stronger. Smarter. Submersible.

Stronger construction makes the new **Freedom Plie® 3** Microprocessor Controlled (MPC) Knee both submersible and more rugged than ever. Yet, it's still the fastest MPC knee, responding 10 to 20 times more rapidly than other MPC knees. With the most responsive stumble and fall protection, users can instinctively move at their own pace in any direction...even if it's taking small short steps or pivoting in confined spaces. And with a more streamlined, intuitive set up, the **Freedom Plie® 3** MPC Knee makes it even easier for prosthetists to help patients expand their freedom.

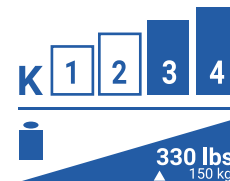
- Both weatherproof and FULLY SUBMERSIBLE.
- Lightweight design requires minimal energy.
- The most responsive stumble and fall protection.
- Move instinctively at users own pace in any direction, including taking short steps, walking backwards, or pivoting in confined spaces.

TECHNICAL FEATURES

Item N°.	KS3-00-KNEE1-KT	KD3-00-KNEE2-KT
Weight	2.7lbs (1235g)	2.74lbs (1243g)
Build Height	9.25" (235mm)	8.75" (223mm)
Knee flexion	125°	117°
Proximal Connector	Pyramid	Threaded Top
Maximum patient weight	275lbs (125kg) moderate activity 220lbs (100kg) high activity	
Activity level	K3 / K4	
Battery Life	24 hour removable battery that can be replaced if drained with additional battery provided with every knee	
Water resistance	IP67	



HYTREK



A single axis knee with hydraulic regulation of stance phase and swing phase, equipped with a manual lock.

Strong high-end knee for dynamic transfemoral amputees. Navigate everyday life activities on all types of terrain; including slopes and stairs. Offers smooth ambulation and the ability to safely descend stairs step over step.

- Increased patient dynamics.
- Powerful hydraulic brake.
- Wide braking range.
- Optional manual lock.
- Extension assist.
- Maximum patient weight: 330lbs (150kg).

TECHNICAL FEATURES

Item N°.	1P131	1P131-KD
Weight	1265g	1285g
TH/BH/H (inmm)	232/177/36	222/174/33
Materials	Aluminum, Stainless steel, Titanium	
Knee flexion	120°	
Proximal Connector	Pyramid	Threaded Top
Distal Connector	34mm Tube	
Maximum patient weight	330lbs / 150kg	
Activity level	K3 / K4	
Water resistance	Weather resistant	



- STANCE:**
Adjustment of sensitivity for switching to braking mode.
- RESISTANCE:**
Adjustment of braking power.
- LOCK:**
Manual hydraulic lock switch.
- FLEXION:**
Adjustment of flexion angle.
- EXTENSION:**
Dynamic control of swing phase and terminal impact.





High impact multisport knee.

The **EasyRide** knee was created in collaboration with adaptive athletes from around the world to ensure optimal performance capabilities for extreme, high impact, all-terrain sports such as surfing, snowboarding, skateboarding, cycling, skiing, and more. The **EasyRide** lets you get back to the activities you LOVE without limitations.

Durability and Safety.

Thanks to the technical capabilities and setting possibilities of the FOX® shock absorber, the **EasyRide** smoothly reproduces the natural motion of the knee and ensures smooth energy return, closely mimicking the sensations experienced in extreme sports. The **EasyRide** enables participation in high impact sports and cycling thanks to the lightweight, yet sturdy design. Constructed of aeronautical-grade aluminum alloy with a custom hardening treatment, the **EasyRide** withstands even the most extreme conditions such as saltwater and cold temperatures.

Adaptability.

Depending on the type of sport the user is participating in; the patient is able to customize the knee for optimal function. Sliding sports require knee flexion. In the sliding sport alignment position, the **EasyRide** adjusts to 12° pre-flexion / 60° max. For cycling, the knee has to allow both a good load transfer to the pedal and enough flexion for pedaling. In biking position **EasyRide** will be adjusted with 0° pre-flexion / 130° flexion max.

TECHNICAL FEATURES

Item N°	1P650
Weight	1264g
Build Height / Full Height Position A	9" - 10" (227mm - 257mm)
Position A Pre-flexion / Flexion / Pression	12°/ 60° max / 4 to 20 bars
Build Height / Full Height Position B	9" - 10" (230mm - 260mm)
Position B Pre-flexion / Flexion / Pression	0°/ 130° max / 1 to 6 bars
Proximal Connector	Pyramid
Distal Connector	Pyramid
Maximum patient weight K3/K4	275lbs / 125kg
Activity level	K4

- Paddling
- Surfing
- Wind Surfing
- Water Skiing
- Wake Surfing
- Skiing (Downhill and Cross Country)
- Snowboarding
- Skateboarding
- Mountain Biking
- Road Biking
- And more...

1X998 To avoid spoiling the pyramid during trials



FEET



GERY



DynaStep



FREEDOM
Sierra®



FREEDOM
Pacifica®



FREEDOM
Highlander®



FREEDOM
DynAdapt™



FREEDOM
Agilix™



RUSH
ROGUE



RUSH
RAMPAGE



RUSH
RAMPAGE



RUSH
HiPro



RUSH
ROVER



RUSH
Ki4



RUSH
Chopart



RUSH
EVA66
COLLECTION



RUSH
Foot
HO
COLLECTION



easy
RUN

FOOT/ANKLE SYSTEMS



FREEDOM
Kinterra™ 2.0
FOOT/ANKLE SYSTEM



FREEDOM
KINNEX™ 2.0
MICROPROCESSOR ANKLE/FOOT SYSTEM



FOOT SHELLS AND
SPECTRA SOCKS



FEET

Comfort and Freedom

The **Gery** foot aims to provide lower level K1-K2 users with the freedom they deserve. It greatly assists your patient's ability to ambulate with its lightweight design and accommodates heel heights ranging from .2" to .8" (5mm to 20mm). The **Gery** is easily cleaned with water and resistant to dirt thanks to its closed cell EVA foam.

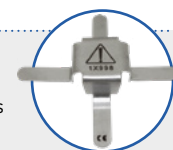
- Engineered specifically for the low-level K1-K2, AK & BK population.
- Rated up to 150kg / 330lbs.
- Re-engineered with a new core.
- 1 Year warranty.
- 100 % Waterproof.
- Comfort thanks to its design that reduces residual limb pain.
- Lightweight thanks to its EVA structure ≈ 30% lighter than a SACH foot!
- Easy step completion thanks to its profiled core.
- Malleolar clip included.

TECHNICAL FEATURES

Weight	395g
Build Height	3.22" (82mm)
Heel height (T)	from .2" to .8" (5mm to 20mm)
Connection	Pyramid
Maximum patient weight	330lbs / 150kg
Activity level	K1 / K2

Item N°.	Side	Size	Color
1A200-G...H	G = Left	22 to 29cm	Light
1A200-D...H	D = Right		
1A200-G...BH	G = Left		Dark
1A200-G...BH	D = Right		

1X998 To avoid spoiling the pyramid during trials





Comfort and Dynamics

Aided by the shape of its carbon strut, the **DynaStep** ensures energy savings and comfort while providing the patient with dynamics suitable to a K2 activity level; its split toe design allows inversion and eversion while navigating uneven terrain.

- Appropriate for transtibial and transfemoral amputees.
- Foam of the foot is molded on the carbon strut.
- Comes with its malleolar clip to help the set up of the foot shell.



TECHNICAL FEATURES

Item N°.	Side	Size (cm)	Max. Patient Weight
1A101-D...	Right	22 to 25	176lbs / 80kg
1A101-G...	Left	26 to 29	220lbs / 100kg

Ankle Item N°.
1D111



DynaStep Foot + Multi-axis Ankle Kit

The combination of a **DynaStep** foot and a 1D111 Multiaxis Ankle allows the patient to perform motions of plantar and dorsiflexion, as well as inversion-eversion. Particularly appropriate for transfemoral amputees.

TECHNICAL FEATURES

KIT	Composition	Size (cm)
1E201	1A101 + 1D111	22 to 29

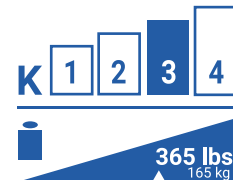


1X998 To avoid spoiling the pyramid during trials





FREEDOM Sierra®



Ultimate Flexibility for a Smoother Gait

The **Freedom Sierra**® prosthetic foot incorporates a long carbon fiber spring to provide users a smooth gait over a broad spectrum of activities. The split toe design provides excellent inversion-eversion so that amputees can walk with confidence on uneven terrain. A full-length heel enables foot flat early in the gait cycle, providing a compliant foot with a stable base of support. The result is a product that allows amputees to walk comfortably with confidence.

- Water-resistant.
- Angle-top design increases the length of the carbon fiber spring, providing a smoother gait and ultimate flexibility.
- Split keel delivers excellent inversion-eversion.
- Full-length heel enables foot flat early in the gait cycle, providing a stable base of support and exceptionally smooth gait.
- Rated up to 365lbs, 36-month warranty.



TECHNICAL FEATURES

Item N°.		FS1
Weight 27 Cat 4, module with foot shell)		640g
Build Height*	22 - 25cm	5.75" / 146mm
	26 - 28cm	6.75" / 172mm
	29 - 31cm	7.375" / 187mm
Heel rise		3/8" / 10mm

*Build height based on size 27cm Cat 4 foot module with foot shell and 10mm heel rise. Sandal-toe available for sizes 22-28cm.

Module selection according to activity and weight										
Weight/ Activity level	100-115lbs 44-52kg	116-130lbs 53-59kg	131-150lbs 60-68kg	151-170lbs 69-77kg	171-195lbs 78-88kg	196-220lbs 89-100kg	221-255lbs 101-116kg	256-285lbs 117-130kg	286-325lbs 131-147kg	326-365lbs 148-166kg
Low	1	1	2	3	4	5	6	7	8	9
Moderate	1	2	3	4	5	6	7	8	9	-
High	2	3	4	5	6	7	8	9	-	-

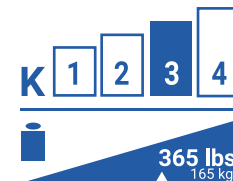


FREEDOM

Pacifica®

FREEDOM

Pacifica® LP



Because Height Matters

The **Freedom Pacifica®** prosthetic foot is ideal for users with long residual limbs, due to its low profile design. In contrast with competing low profile foot products, which may feel stiff and uncomfortable, **Freedom Pacifica®** users experience flexibility and energy return allowing them to walk farther, faster, longer. The lightweight and durable design requires less energy expenditure so that amputees are comfortable on their feet for longer periods of time. The pyramid lies within the foot shell, simplifying the cosmetic finishing process. A low build height also provides room for additional componentry, such as a rotator or shock absorber which can provide added comfort.

- Water-resistant.
- Choose between the **Pacifica®** (FS2) and **Pacifica® LP** (FS4), each perfect for amputees with long residual limbs or those needing more build space.
- LP design requires as little as 2" of clearance.
- Lightweight and durable.
- Rated to 365lbs, 36-month warranty.



TECHNICAL FEATURES

Item N°.		FS2: Pacifica® (sizes: 24 - 31cm)	FS4: Pacifica® LP (sizes: 22 - 31cm)
Weight (27 Cat 4, module with foot shell)		610g	570g
Build Height*	22 - 25cm	2.375" / 59mm	1.875" / 47mm
	26 - 28cm	2.375" / 61mm	2" / 50mm
	29 - 31cm	2.5" / 63mm	2.375" / 60mm
Heel rise		3/8" / 10mm	3/8" / 10mm

*Build height based on size 27cm Cat 4 foot module with foot shell and 10mm heel rise. Sandal-toe available for sizes 22-28cm.

Module selection according to activity and weight										
Weight/ Activity level	100-115lbs 44-52kg	116-130lbs 53-59kg	131-150lbs 60-68kg	151-170lbs 69-77kg	171-195lbs 78-88kg	196-220lbs 89-100kg	221-255lbs 101-116kg	256-285lbs 117-130kg	286-325lbs 131-147kg	326-365lbs 148-166kg
Low	1	1	2	3	4	5	6	7	8	9
Moderate	1	2	3	4	5	6	7	8	9	-
High	2	3	4	5	6	7	8	9	-	-

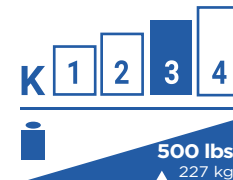


FREEDOM

Highlander®

FREEDOM

Highlander® MAX



- The **Freedom Highlander®** prosthetic foot provides active patients with long residual limbs an efficient and smooth gait, with excellent energy return. A split toe provides excellent inversion-eversion, allowing users to walk and run with confidence on uneven terrain. The **Freedom Highlander® MAX** can be ordered to accommodate users up to 500lbs.** As a result, amputees once limited to lower functioning products can now enjoy the benefits provided by a premium energy storage and return device so they can walk farther, faster, longer.

- Water-resistant.
- Engineered for active amputees with long residual limbs.
- Split keel provides excellent inversion-eversion.
- Offers ideal blend of stability and action, often preferred by transfemoral amputees.
- Can be designed for amputees weighing up to 500lbs with the **Freedom Highlander® MAX** option.
- Rated to 365lbs, 36-month warranty.

TECHNICAL FEATURES

Item N°.		FS3-00	FS3-H5
Weight (27 Cat 4, module with foot shell)		590g	
Build Height*	22 - 25cm	3.875" / 98mm	
	26 - 28cm	4.25" / 108mm	
	29 - 31cm	4.75" / 121mm	
Heel rise		3/8" / 10mm	

*Build height based on size 27cm Cat 4 foot module with foot shell and 10mm heel rise. Sandal-toe available for sizes 22-28cm.

Module selection according to activity and weight													
Weight/ Activity level	100-115lbs 44-52kg	116-130lbs 53-59kg	131-150lbs 60-68kg	151-170lbs 69-77kg	171-195lbs 78-88kg	196-220lbs 89-100kg	221-255lbs 101-116kg	256-285lbs 117-130kg	286-325lbs 131-147kg	326-365lbs 148-166kg	366-420lbs 167-190kg	421-480lbs 191-218kg	481-500lbs 219-227kg
Low	1	1	2	3	4	5	6	7	8	9	10**	11**	12**
Moderate	1	2	3	4	5	6	7	8	9	10**	-	-	-
High	2	3	4	5	6	7	8	9	10**	11**	-	-	-

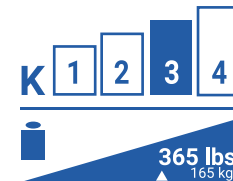
****Highlander MAX Custom order only**



FEET

FREEDOM

DynAdapt™



Fit, Finish and Roll

The **Freedom DynAdapt™** prosthetic foot is a slim profile, carbon fiber foot system with a slender, anatomic design for easy fit and finish. Its multi-axial function provides maximum comfort and the uninterrupted strands of carbon fiber in the full-length heel provide patients with effortless rollover and a more natural gait.

- Water-resistant.
- Split toe/heel design provides excellent inversion-eversion for patient stability on uneven terrains.
- Weighing in at 435g, the **Freedom DynAdapt™** foot is more comfortable and requires less exertion.
- A full length, unbolted sole plate ensures seamless stance phase roll-over for superior comfort.
- Split keel and heel design increase ground compliance and improve stability, thus allowing patients to walk with confidence on uneven surfaces or terrain.
- EnduraCore™ technology provides more durable and energy efficient performance.
- Rated to 365lbs, 36-month warranty.



TECHNICAL FEATURES

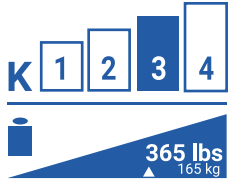
Item N°.		F10
Weight (27 Cat 4, module with foot shell)		635g
Build Height*	22 - 25cm	6.2" / 158mm
	26 - 28cm	6.75" / 170mm
	29 - 31cm	7.2" / 182mm
Heel rise		3/8" / 10mm

*Build height based on size 27cm Cat 4 foot module with foot shell and 10mm heel rise. Sandal-toe available for sizes 22-28cm.

Module selection according to activity and weight										
Weight/ Activity level	100-115lbs 44-52kg	116-130lbs 53-59kg	131-150lbs 60-68kg	151-170lbs 69-77kg	171-195lbs 78-88kg	196-220lbs 89-100kg	221-255lbs 101-116kg	256-285lbs 117-130kg	286-325lbs 131-147kg	326-365lbs 148-166kg
Low	1	1	2	3	4	5	6	7	8	9
Moderate	1	2	3	4	5	6	7	8	9	-
High	2	3	4	5	6	7	8	9	-	-



FREEDOM Agilix™



Maximum Shock Value

The **Freedom Agilix™** is a multi-axial, shock absorbing flexible foot system designed to manage loading impacts, reduce socket shear forces and improve comfort while walking on any terrain. The ultra-lightweight design offers K3 ambulators shockingly comfortable performance at a value like no other.

- Water-resistant.
- Vertical shock absorption and carbon fiber flexibility optimized for low to moderate impact K3 ambulators; reduces socket shear forces and improves overall comfort.
- Multi-axial function increases ground compliance and stability; Streamlined, split-toe design results in improved long-term durability, saving time and money.
- Full length dynamic heel attached at the toe ensures a seamless roll-over, for superior comfort and a more symmetrical gait.
- Lower profile and lighter weight than the competitive alternative, allowing users to do more and feel less tired at the end of the day.
- Rated to 365lbs, 36-month warranty.



TECHNICAL FEATURES

Item N°.		F15
Weight (27 Cat 4, module with foot shell)		609g
Build Height*	22 - 25cm	5.75" / 143mm
	26 - 28cm	6.333" / 161mm
	29 - 31cm	6.75" / 172mm
Heel rise		3/8" / 10mm

*Build height based on size 27cm Cat 4 foot module with foot shell and 10mm heel rise. Sandal-toe available for sizes 22-28cm.

Module selection according to activity and weight										
Weight/ Activity level	100-115lbs 44-52kg	116-130lbs 53-59kg	131-150lbs 60-68kg	151-170lbs 69-77kg	171-195lbs 78-88kg	196-220lbs 89-100kg	221-255lbs 101-116kg	256-285lbs 117-130kg	286-325lbs 131-147kg	326-365lbs 148-166kg
Low	1	1	2	3	4	5	6	7	8	9
Moderate	1	2	3	4	5	6	7	8	9	-



FEET

Increased performance. Increased comfort. Added torsion.

The **RUSH ROGUE®** provides the most realistic and dynamic foot and ankle motion available. The Vertical Loading Pylon provides comfortable relief from high impact loading allowing the user to push the foot to the limits. The components are made of advanced fiberglass composite which is three times more flexible than most conventional prosthetic feet. The roll through characteristics of the foot provide exceptional energy return with no “dead spot” allowing users to push themselves to the limits on the court or in aggressive terrain.

- Vertical Loading Pylon for vertical shock relief and impact absorption.
- Smooth roll through for high energy return and comfortable in any situation.
- Biomimetic ankle action to simulate the human foot — no one will know you wear a prosthetic.
- Extreme reliability for extended use in any high impact application a human can survive.
- Rotational torsion relief to ease the impact to knee, hip and back.



TECHNICAL FEATURES

Item N°.		ROG
Weight	(26 Cat 4, with foot shell and spectra sock)	1155g
Build Height*	22 - 24cm	6.5" / 165mm
	25 - 27cm	7" / 178mm
	28 - 29cm	7.125" / 181mm
Heel rise		3/8" / 10mm
Foot shell		Light or Dark

*Build height based on size 23cm, 26cm, or 29cm Cat 4 foot module with spectra sock, foot shell and 10mm heel rise.



INCLUDED

Module selection according to activity and weight									
Weight/ Activity level	0-105lbs 0-48kg	106-140lbs 49-64kg	141-175lbs 65-79kg	176-210lbs 80-95kg	211-245lbs 96-111kg	246-280lbs 112-127kg	281-315lbs 128-143kg	316-350lbs 144-159kg	351-365lbs 160-166kg
Low	1	2	3	4	5	6	7	8	9
Moderate	1	2	3	4	5	6	7	8	9
High	1	2	3	4	5	6	7	8	9
High impact	2	3	4	5	6	7	8	9	-

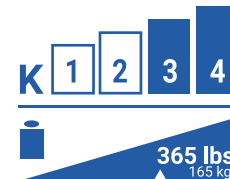
NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.



1X998 To
avoid spoiling
the pyramid
during trials



FEET



Unbridled Capabilities

The **RUSH RAMPAGE®** has arrived. We've taken the smooth roll-through, increased comfort, and all-terrain capability of its predecessors and created a new, more cosmesis-friendly option, with a lower overall product weight. The **RUSH RAMPAGE®** is the perfect solution for individuals seeking a blend of both cosmetic, and high-performance capabilities found only in the RUSH Foot® Collection. Are you ready to RAMPAGE?

- Cosmesis-ready to meet your aesthetic preferences.
- Lower overall product weight.
- Smooth roll through with unparalleled energy return.
- Biometric ankle motion simulates natural gait, increasing patient comfort.
- Extreme reliability for any use in any environment.

TECHNICAL FEATURES

Item N°.		RAM
Weight	(26 Cat 4, with foot shell and spectra sock)	850g
Build Height*	22 - 24cm	6.625" / 168mm
	25 - 27cm	7.125" / 181mm
	28 - 29cm	7.25" / 184mm
Heel rise		3/8" / 10mm

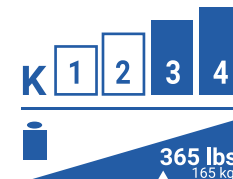
*Build height based on size 23cm, 26cm, or 29cm Cat 4 foot module with spectra sock, foot shell and 10mm heel rise.

Module selection according to activity and weight

Weight/ Activity level	0-105lbs 0-48kg	106-140lbs 49-64kg	141-175lbs 65-79kg	176-210lbs 80-95kg	211-245lbs 96-111kg	246-280lbs 112-127kg	281-315lbs 128-143kg	316-350lbs 144-159kg	351-365lbs 160-166kg
Low	1	2	3	4	5	6	7	8	9
Moderate	1	2	3	4	5	6	7	8	9
High	1	2	3	4	5	6	7	8	9
High impact	2	3	4	5	6	7	8	9	-

NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.





Innovation You Can Feel

Thanks to the unique sole plate and virtually indestructible glass composite, the **RUSH RAMAPGE® LP** delivers the smoothest transition from heel strike to toe-off of any prosthetic foot in the industry. Patients will experience unparalleled comfort, range of motion and zero dead spots in every step.

- Low-profile build.
- Smooth roll-over.
- Cosmesis-friendly.
- Waterproof (fresh or salt water).
- Superior ground compliance.
- High-energy return.
- All-terrain.
- Reduced socket issues.



TECHNICAL FEATURES

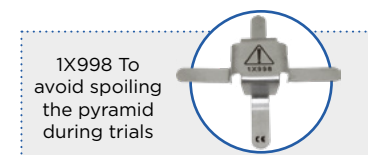
Item N°.		RAMLP
Weight	(26 Cat 4, with foot shell and spectra sock)	805g
Build Height*	22 - 24cm	4.5" / 114mm
	25 - 27cm	4.75" / 121mm
	28 - 29cm	4.75" / 121mm
Heel rise		3/8" / 10mm
Foot shell		Light or Dark

*Build height based on size 23cm, 26cm, or 29cm Cat 4 foot module with spectra sock, foot shell and 10mm heel rise.



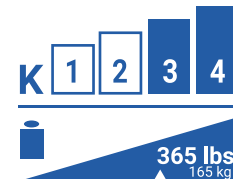
Module selection according to activity and weight									
Weight/ Activity level	0-105lbs 0-48kg	106-140lbs 49-64kg	141-175lbs 65-79kg	176-210lbs 80-95kg	211-245lbs 96-111kg	246-280lbs 112-127kg	281-315lbs 128-143kg	316-350lbs 144-159kg	351-365lbs 160-166kg
Low	1	2	3	4	5	6	7	8	9
Moderate	1	2	3	4	5	6	7	8	9
High	2	3	4	5	6	7	8	9	-
High impact	3	4	5	6	7	8	9	-	-

NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.





FEET



Virtually Indestructible

The **RUSH HiPro**® provides the most realistic and responsive foot and ankle motion available. Made from an advanced engineered glass composite, which is three times more flexible than most conventional prosthetic feet. The energy return of this foot enables amputees to easily traverse the most aggressive terrain while experiencing zero dead spots.

- Highly-dynamics.
- High-energy return.
- Smooth roll-over.
- All-terrain and waterproof (fresh or salted water)



TECHNICAL FEATURES

Item N°.		HiP
Weight	(26 Cat 4, with foot shell and spectra sock)	920g
Build Height*	22 - 24cm	6.5" / 165mm
	25 - 27cm	6.875" / 175mm
	28 - 29cm	7.125" / 181mm
Heel rise		3/8" / 10mm

*Build height based on size 23cm, 26cm, or 29cm Cat 4 foot module with spectra sock, foot shell and 10mm heel rise.

Module selection according to activity and weight									
Weight/ Activity level	0-105lbs 0-48kg	106-140lbs 49-64kg	141-175lbs 65-79kg	176-210lbs 80-95kg	211-245lbs 96-111kg	246-280lbs 112-127kg	281-315lbs 128-143kg	316-350lbs 144-159kg	351-365lbs 160-166kg
Low	1	2	3	4	5	6	7	8	9
Moderate	1	2	3	4	5	6	7	8	9
High	1	2	3	4	5	6	7	8	9
High impact	2	3	4	5	6	7	8	9	-

NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.



INCLUDED



1X998 To avoid spoiling the pyramid during trials

DOWNLOAD PRODUCT SHEET

IFU



1236 West Southern Avenue #101, Tempe, AZ 85282 • 855.450.7300

shop.proteorusa.com #HumanFirst

Human First



Extraordinary Adventures Begin with the ROVER

With a build height of just over two inches, even the most extreme limited clearance patients will benefit from the dynamic toe-off and superior energy return of the **RUSH ROVER®**. Capable. Strong. Comfortable. From rocky trailheads to the sidewalks of a concrete jungle, navigate even the most demanding terrain with ease. With the **RUSH ROVER®**...the world is yours.

- Smooth Roll-Through.
- Dynamic Toe-Off.
- Most Durable Low-Profile Foot Available.



TECHNICAL FEATURES

Item N°		ROV
Weight	(26 Cat 4, with foot shell and spectra sock)	950g
Build Height*	22 - 24cm	2.125" / 54mm
	25 - 27cm	2.375" / 60mm
	28 - 30cm	2.5" / 64mm
Heel rise		3/8" / 10mm
Foot shell		Light or Dark

*Build height based on size 23cm, 26cm, or 29cm Cat 4 foot module with spectra sock, foot shell and 10mm heel rise.



Module selection according to activity and weight									
Weight/ Activity level	0-105lbs 0-48kg	106-140lbs 49-64kg	141-175lbs 65-79kg	176-210lbs 80-95kg	211-245lbs 96-111kg	246-280lbs 112-127kg	281-315lbs 128-143kg	316-350lbs 144-159kg	351-365lbs 160-166kg
Low	1	2	3	4	5	6	7	8	9
Moderate	1	2	3	4	5	6	7	8	9
High	1	2	3	4	5	6	7	8	9
High impact	2	3	4	5	6	7	8	9	-

NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.



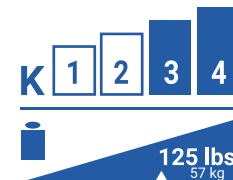
DOWNLOAD PRODUCT SHEET

IFU



1236 West Southern Avenue #101, Tempe, AZ 85282 • 855.450.7300
shop.proteorusa.com #HumanFirst





FEET

Meet the New Kid on the Block

Built kid tough, the **RUSH Kid®** pediatric foot can handle even the most extreme low or high clearance patient. Run, jump, play...the ultra low profile build delivers the most dynamic energy return and smooth roll-through of any pediatric foot on the market today. Mud, water, sand....no problem! The all-terrain **RUSH Kid®** was built with active kids in mind. Say goodbye to broken carbon feet! The next generation of RUSH Foot® Rebels has just arrived.

- Smooth Roll-Through.
- Dynamic Toe-Off.
- Most Durable Low-Profile Foot Available.



TECHNICAL FEATURES

Peds	Item N°.	KID
	Weight (20 Cat 4, with foot shell and spectra sock)	505g
	Build Height*	2" / 51mm
	Size	19 - 21cm
	Heel rise	3/8" / 10mm
	Foot shell	Light or Dark

*Build height includes spectra sock, foot shell and 10mm heel rise.



INCLUDED

Module selection according to activity and weight								
Weight/ Activity level	0-30lbs 0-14kg	31-45lbs 15-20kg	46-60lbs 21-27kg	61-75lbs 28-34kg	76-90lbs 35-41kg	91-105lbs 42-48kg	106-120lbs 49-54kg	131-135lbs 55-61kg
Low	1P	2P	3P	4P	5P	6P	7P	8P
Moderate	1P	2P	3P	4P	5P	6P	7P	8P
High	1P	2P	3P	4P	5P	6P	7P	8P
High impact	2P	3P	4P	5P	6P	7P	8P	

NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.



1X998 To avoid spoiling the pyramid during trials



K

1

2

3

4

365 lbs

165 kg

FEET

Virtually Indestructible

The **RUSH Chopart®** is specifically designed for people with Chopart amputations as well as lisfranc, pirogoff, boyd and partial foot prostheses. A dynamic design, providing increased reliability and eliminating the breakage commonly seen with carbon Chopart plates. The unique glass composite is engineered to be more flexible and durable than any other Chopart available today.

- Highly-dynamic.
- Durable.
- Smooth roll-over.
- Waterproof (fresh or salt water).



TECHNICAL FEATURES

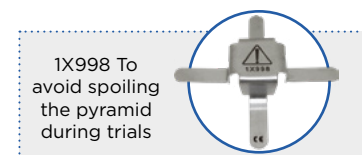
Item N°.		CHO
Weight	(26 Cat 4, with foot shell and spectra sock)	380g
Build Height*	22 - 24cm	1" / 25mm
	25 - 27cm	1.125" / 29mm
	28 - 30cm	.875" / 22mm
Heel rise		3/8" / 10mm
Foot shell		Light or Dark

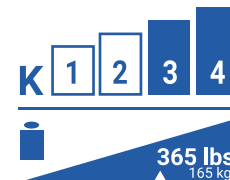
*Build height based on size 23cm, 26cm, or 29cm Cat 4 foot module with spectra sock, foot shell and 10mm heel rise.



Module selection according to activity and weight										
Weight/ Activity level	0-70lbs 0-32kg	71-105lbs 33-48kg	106-140lbs 49-64kg	141-175lbs 65-79kg	176-210lbs 80-95kg	211-245lbs 96-111kg	246-280lbs 112-127kg	281-315lbs 128-143kg	316-350lbs 144-159kg	351-365lbs 166-166kg
Low	0	1	2	3	4	5	6	7	8	9
Moderate	0	1	2	3	4	5	6	7	8	9
High	0	1	2	3	4	5	6	7	8	9
High impact	1	2	3	4	5	6	7	8	9	-

NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.





FEET

Simplistic, Effective, Efficient

Finally, an unprecedented elevated vacuum system that seamlessly integrates effective vacuum with the same rugged simplicity of all the RUSH Foot® designs. The **RUSH Foot® EVAQ8 Collection** is the easy solution to providing maximum vacuum efficiency in just a few quick steps. No batteries or complicated, mechanical pump required.

- Simple, integrated design.
- Stabilizes volume, increases linkage, and heightens proprioception through elevated vacuum suspension.
- All-terrain, fully-submersible .
- Requires minimal maintenance.
- The **RUSH Foot® EVAQ8 Collection** is available in the **RAMPAGE**, **HiPro**, **ROGUE**, and **RAMPAGE LP** models.



TECHNICAL FEATURES

Item N°.		Rampage: EVRAM	HiPro: EVQH	Rampage LP: EVQRAML	Rogue: EVQR
Weight	(26 Cat 4, with foot shell and spectra sock)	860g	930g	815g	1165g
Build Height*	22 - 24cm	6.625" / 168mm	6.5" / 165mm	4.5" / 114mm	6.5" / 165mm
	25 - 27cm	7.125" / 181mm	6.875" / 175mm	4.75" / 121mm	7" / 178mm
	28 - 29cm	7.25" / 184mm	7.125" / 181mm	4.75" / 121mm	7.125" / 181mm
Heel rise		3/8" / 10mm			

*Build height based on size 23cm, 26cm, or 29cm Cat 4 foot module with spectra sock, foot shell and 10mm heel rise.



KIT # EVRB

- 90 Degree Hose Barb
- 2' Tygon Vacuum Hose
- Hose Barb Filter
- 1/2" Wide Hook and Loop

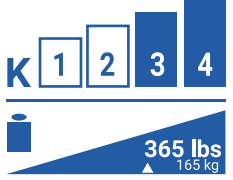


1X998 To avoid spoiling the pyramid during trials





FEET



Incomparable Grip. No Foot Shell Required.

The **RUSH Foot® H2O Collection** is the ideal foot for your shower leg or various, non-invasive water sport activities. Available in the tried-and-true RUSH Foot® **HiPro**, **RAMPAGE**, **RAMPAGE LP** and **ROGUE** models and featuring an integrated Vibram® sole and custom molded rubber toe wrap. The **RUSH Foot® H2O Collection** of feet offers the same great durability and comfort of all the other RUSH feet, but now adds superior traction on slick surfaces. From the shower to the pool, you won't find a foot that provides this amount of grip and added confidence on slippery surfaces.

- Showering
- Kayaking
- Indoor Yoga
- Miscellaneous
- Pool Activities
- Stand Up Paddle
- Karate
- Barefoot Activities
- Surfing
- Boarding
- Gymnastics



TECHNICAL FEATURES

Item N°.		HiPro: H2H	Rampage LP: H2RAM	Rogue: H2R	Rampage: H2RAM
Weight (26 Cat 4, module only)		765g	650g	1000g	695g
Size		22 -29cm			
Build Height*	22 - 24	6" / 152mm	4.125" / 105mm	6" / 152mm	6.25" / 159mm
	25 - 27	6.25" / 159mm	4.125" / 105mm	6.25" / 159mm	6.5" / 165mm
	28 - 29	6.875" / 175mm	4.375" / 111mm	6.875" / 175mm	7" / 178mm

*Build height based on size 23cm, 26cm, or 29cm Cat 4 foot module only.





In the gym, at the park, or on the trail... the EasyRun blade by PROTEOR USA is the perfect foot to get you moving.

So, you're not an experienced sprinter? Not to worry! Whether you're exploring new activities or looking to take your daily workout to a new level, the **EasyRun** will help you increase strength, mobility, happiness, and amplify your life. Specifically designed for the "every day user", the **EasyRun** is here to help you #riseandEASYRUN. With its all-terrain, all-weather, curved fiberglass blade design, and anti-slip Vibram® Sole... you can take your **EasyRun** workout outside with confidence.

- For the every day user.
- Rotatable pyramid adapter.
- Curved fiber glass blade.
- Lower blade with optimized curvature.
- Anti-slip sole.
- 6 vibrant designs.



Orange Black Water Tag Purple

TECHNICAL FEATURES

Weight	2.40lbs / 1088g
Build Height	8.66in / 220mm
Materials	Fiberglass + rubber
Connection	Rotatable Pyramid

Design	Orange	Black	Water	Tag	Purple	USA
Item N°.	1A920-...O	1A920-...N	1A920-...E	1A920-...G	1A920-...V	1A920-...U

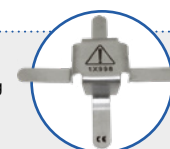
... = Module

Green sole kit	1A92013-1
Black sole kit	1A92013-2

Module selection according to activity and weight

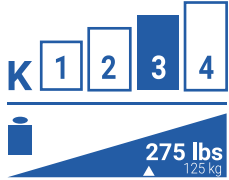
Activity/Weight	88-108lbs 40-49kg	110-130lbs 50-59kg	132-152lbs 60-69kg	154-174lbs 70-79kg	176-194lbs 80-88kg	198-218lbs 90-99kg	220-242lbs 100-110kg
Moderate Impact		1	2	3	4	5	6
High Impact	1	2	3	4	5	6	

1X998 To avoid spoiling the pyramid during trials





FREEDOM Kinterra™ 2.0 FOOT/ANKLE SYSTEM



FEET

Extraordinarily Normal

The **Freedom Kinterra™ 2.0** Foot/Ankle System combines hydraulics and carbon fiber technology to provide low to moderate ambulators an exceptionally normal walking gait- regardless of terrain or walking speed. This results in rock solid stability and the confidence for users to choose a new path.

- Independent above the foot shell DF/PF adjustability.
- 12° Range of Motion: (2° dorsi, 10° plantar) increased ankle movement for a more natural gait.
- Optional Sandal-Toe: Available in sizes 22-28cm.
- A full length, unbolted sole plate ensures seamless stance phase roll-over for superior comfort.



TECHNICAL FEATURES

Item N°.		ROM
Weight (27 Cat 4, module with foot shell)		897g
Build Height*	22 - 25cm	4.75" / 120mm
	26 - 28cm	4.75" / 121mm
	29 - 31cm	4.875" / 124mm
Heel rise		3/8" / 10mm

*Build height based on size 27cm Cat 4 foot module with foot shell and 10mm heel rise. Sandal-toe available for sizes 22-28cm.

Module selection according to activity and weight								
Weight/ Activity level	100-115lbs 44-52kg	116-130lbs 53-59kg	131-150lbs 60-68kg	151-170lbs 69-77kg	171-195lbs 78-88kg	196-220lbs 89-100kg	221-255lbs 101-116kg	256-275lbs 117-125kg
Low	1	1	2	3	4	5	6	7
Moderate	1	2	3	4	5	6	7	-



FEET

Designed for Real Life.

The **Freedom Kinnex™ 2.0** integrates the world's fastest responding microprocessor ankle/foot technology and carbon fiber to provide low to moderate impact K3 ambulators the stability they expect — instantly. Unmatched ground compliance, improved comfort, and automated heel height adjustments keep users firmly grounded and connected, wet or dry. Designed for low to moderate K3 level ambulators that require unsurpassed ground compliance for everyday activities.

- IP67 Water-resistant.
- Sophisticated microprocessor controlled resistance that helps optimize stability whenever changes in terrain or cadence occurs.
- Accommodates heel heights from 0-2" and allows user to program up to 100 shoes.
- 30° of microprocessor-controlled motion: 20° plantar flexion / 10° dorsi flexion allows the ankle and foot to be ideally positioned in relation to the ground.
- Kinnex GaitLab App for prosthetist use to set up the patient using a smart phone device.
- Kinnex Patient App for the user to monitor battery status, make heel adjustments, select shoes and fine tune performance and comfort settings.
- Rated to 275lbs, 36-month warranty.



TECHNICAL FEATURES

Item N°.		F14-N2
Weight (27 Cat 4, module only)		1488g
Build Height*	24 - 25cm	7.2" / 183mm
	26 - 28cm	7.3" / 186mm
	29 - 30cm	7.3" / 186mm

*Build height based on size 27cm Cat 4 foot module with foot shell and 10mm heel rise. Sandal-toe available for sizes 24-28cm.

Module selection according to activity and weight								
Weight/ Activity level	100-115lbs 44-52kg	116-130lbs 53-59kg	131-150lbs 60-68kg	151-170lbs 69-77kg	171-195lbs 78-88kg	196-220lbs 89-100kg	221-255lbs 101-116kg	256-275lbs 117-125kg
Low	1	1	2	3	4	5	6	7
Moderate	1	2	3	4	5	6	7	-

FOOT SHELL & SPECTRA

FEET

Foot Shells.



Description	Item N°.
Symes Foot Shell	FSK + size + side
Proteor Foot Shell for Rush Foot	FSP + size + side
Standard Cosmetic Foot Covers – Mid Profile (16-31cm)	FTC-3M-xxxxx-R L/R
Standard Cosmetic Foot Covers – High Profile (16-31cm)	FTC-2H-xxxxx-R L/R
Sandal-Toe Cosmetic Foot Covers (22-28cm)	FTC-2M-xxxxx-S L/R
Kinnex Foot Shell	FTC-2k , FTC-3k

Description	Item N°.
5 Black Spectra socks	SS
Freedom Kinnex Spectra sock, 24cm	S0-F14-00024-00
Freedom Kinnex Spectra sock, 25cm	S0-F14-00025-00
Freedom Kinnex Spectra sock, 26cm	S0-F14-00026-00
Freedom Kinnex Spectra sock, 27cm	S0-F14-00027-00
Freedom Kinnex Spectra sock, 28cm	S0-F14-00028-00
Freedom Kinnex Spectra sock, 29cm	S0-F14-00029-00
Freedom Kinnex Spectra sock, 30cm	S0-F14-00030-00
Freedom White Spectra sock, 14cm/5.5"	S0-NPS-10014-00
Freedom White Spectra sock, 20cm/8"	S0-NPS-10020-00
Freedom White Spectra sock, 25cm/10"	S0-NPS-10025-00
Freedom White Spectra sock, 30cm/12"	S0-NPS-10030-00
Freedom White Spectra sock, 35cm/14"	S0-NPS-10035-00
Freedom White Spectra sock, 40cm/16"	S0-NPS-10040-00
Freedom Black Spectra sock, 14cm/5.5"	S0-NPS-20014-00
Freedom Black Spectra sock, 20cm/8"	S0-NPS-20020-00
Freedom Black Spectra sock, 25cm/10"	S0-NPS-20025-00
Freedom Black Spectra sock, 30cm/12"	S0-NPS-20030-00
Freedom Black Spectra sock, 35cm/14"	S0-NPS-20035-00
Freedom Black Spectra sock, 40cm/16"	S0-NPS-20040-00

Spectra Socks.



COMPONENTS



KITS



TUBES



ADAPTERS



CONNECTORS

- Double adapter
- Connector for Proteor knee



LAMINATION ADAPTERS



4-HOLE




BRACES

- Transfemoral brace
- Transtibial brace

TUBES

COMPONENTS

Kits

	Item N°.	Description	Max patient weight	Material	Weight
	TK200	Aluminum 10" modular 3 piece set. Includes 30mm Aluminum pylon with receiver, tube clamp with water resistant fasteners and 4-hole pyramid with through hole.	220lbs / 100kg	Aluminum	-
	TK300	Titanium 10" modular 3 piece set. Includes 30mm Aluminum pylon with receiver, tube clamp with water resistant fasteners and 4-hole pyramid with through hole.	365lbs / 165kg	Titanium	395g

Tube Clamps Pylon








	Item N°.	Description	Max patient weight	Material	Weight	Total Height	Build Height
	1D52	Tube Ø 30mm with Pyramid Receiver	220lbs / 100kg	Aluminum	111g	130mm	63mm
	1D52-HD	Tube Ø 34mm with Pyramid Receiver	275lbs / 125kg	Aluminum	121g	130mm	67mm
	1D45	Tube adapter Ø 30mm with Aluminum Pyramid Receiver.	220lbs / 100kg	Aluminum	290g	440mm	440mm
	1D46	Tube adapter Ø 30mm with Titanium Pyramid Receiver.	220lbs / 100kg	Aluminum + Titanium	280g	440mm	440mm
	1G0120#kit	Aluminum tube Ø 30mm - 200mm length and tube clamp	220lbs / 100kg	Aluminum	195g	217mm	-
	1G01-HD	Aluminum tube Ø 34mm - 420mm length	330lbs / 150kg	Aluminum	235g	420mm	-
	1G07	Aluminum tube Ø 22mm - 300mm length used for pediatric prosthesis	99lbs / 45kg	Aluminum	105g	300mm	-

Peds

ADAPTERS

COMPONENTS






Tube Clamp adapters

	Item N°.	Description	Max patient weight	Material	Weight	Total Height	Build Height
Peds		1D39 Pediatric Tube Clamp Adapter Used with the Ø 22mm tube for child prosthesis.	99lbs / 45kg	Aluminum	45g	38mm	12mm
		1D40 Tube Clamp Adapter Female 4-screw adapter for tightening on Ø 30mm tube.	220lbs / 100kg	Titanium	90g	50mm	16mm
		1D41 Tube Clamp Adapter Female 4-screw adapter for tightening on Ø 30mm tube.	220lbs / 100kg	Aluminum	100g	47mm	13mm
		1D41-HD Tube Clamp Adapter for Ø 34mm Tube Female 4-screw adapter for tightening on Ø 34mm tube.	330lbs / 150kg	Aluminum	120g	55mm	17mm
		1K182 Threaded Pyramid insert M36 x 1,5mm	275lbs / 125kg	Stainless steel	65g	28mm	6mm
		1K183 Threaded Receiver insert M36 x 1,5mm Use with 1K179 or 1S145	330lbs / 150kg	Stainless steel	75g	23mm	14mm
		1K184 Threaded Pyramid For screwing on 1P200-KD, 1P320-KD, 1P321-KD, 1P360-KD, 1P130-KD, 1P180-KD	275lbs / 125kg	Stainless steel	94g	30mm	15mm

CONNECTORS

COMPONENTS

Double adapters

	Description	Item N°.	Max patient weight	Material	Weight	Total Height	Build Height
	Double Pyramid Receiver. Avoid using a tube in tight spaces	1K207-032-HD	330lbs / 150kg	Aluminum	100g	32mm	32mm
		1K207-045-HD			130g	45mm	45mm
		1K207-060-HD			145g	60mm	60mm
		1K207-075-HD			160g	75mm	75mm
	Double Pyramid Adapter	1K190		Stainless steel	120g	36mm	7mm





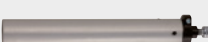

CONNECTORS

COMPONENTS

Connectors for PROTEOR knees

These connectors are necessary for the assembly of PROTEOR knees: 1M01 - 1M01-HD - 1M10 - 1M10-HD - 1M102 - 1M102-HD - 1M102V - 1M102V-HD - 1M112 - 1M113









This specific connection system allows you to select the most appropriate linking piece between the knee and the socket. The simplified shape of the upper part of the knee can receive the proximal linking piece using a M8 screw. The knees listed above must be ordered together with one of the following connectors. All these connectors provide a $\pm 15^\circ$ socket rotation.

	Item N°.	Description	Max patient weight	Material	Weight	Connection	Total Height	Build Height	Knee
		1K160 Pyramid Connector provides the male pyramid connection.	220lbs / 100kg	Aluminum + Stainless steel	45g	M8	30mm	7mm	1M01 1M10 1M102 1M102V
		1K160-HD Pyramid Connector for 125kg knee provides the male pyramid connection.	275lbs / 125kg	Aluminum + Stainless steel	90g			8mm	1M01-HD 1M10-HD 1M102-HD 1M102V-HD
		1K163 Pyramid Connector provides the male pyramid connection.	220lbs / 100kg	Stainless steel	100g				1M01 1M10 1M102 1M102V
Peds		1K164 Pediatric Pyramid Connector provides the male pyramid connection to the 1M112 knee	99lbs / 45kg	Stainless steel	120g		21mm	9mm	1M112 1M113
		1K20 This Ø 30mm Tube Clamp provides a long and lightweight link between the knee and a short residual limb socket. To be assembled using Adapter 1K14	220lbs / 100kg	Aluminum + Steel	210g	Tube Ø 30mm M8	218g	210mm	
		1K30 Aluminum Linking plate is convenient for assembly to the distal end of a transfemoral socket with European 4-hole pattern	220lbs / 100kg	Aluminum	80g	M8	21mm	13mm	

LAMINATION ADAPTER

COMPONENTS











Lamination adapters

	Item N°.	Description	Max patient weight	Material	Weight	Total Height	Build Height
	1K40	Used for knee disarticulation or long residual limb. M8 connection		Steel	120g	120mm	6.5mm
	1K173	3-prong anchor with pyramid.	275lbs / 125kg	Stainless steel	150g	65mm	12mm
	1K176	3-prong anchor with rotating receiver.		Aluminum + Stainless steel	205g	68mm	25mm
	1K177	3-prong anchor with rotating pyramid.		Stainless steel	225g	76mm	17mm
	1K179	Transfemoral Threaded base 3-Prong Lamination Adapter for knee disarticulation, delivered with a spacer. To use with M36 Threaded knees or Threaded inserts.	330lbs / 150kg	Stainless steel	125g	45mm	12mm
	1K202	4-ear Lamination Anchor	275lbs / 125kg	Titanium	55g	32mm	10mm
	1K203	4-ear Lamination Anchor HD Stainless steel, heavy duty.	330lbs / 150kg	Stainless steel	85g	32mm	10mm
	1K204	4-ear Offset Lamination Anchor HD Transtibial adapter with 9mm axial offset of the pyramid.	330lbs / 150kg	Stainless steel	113g	32mm	11mm

4-HOLE ADAPTER

COMPONENTS





4-Hole adapters

		Item N°.	Description	Max patient weight	Material	Weight	Total Height	Build Height
Peds		1K206	Pyramid Adapter for Child Socket	99lbs / 45kg	Aluminum + Stainless steel	45g	18mm	6mm
		1K165	Pyramid Receiver for Child Socket	99lbs / 45kg	Aluminum	35g	13mm	13mm
		1K172	Stainless Steel Pyramid Receiver for Socket adapter features European 4-hole pattern and a pyramid receiver allowing for tilt adjustment of the socket.	275lbs / 125kg	Stainless steel	100g	16mm	16mm
	 	1K66	4-hole Receiver Socket adapter features European 4-hole pattern and a pyramid receiver allowing for tilt adjustment of the socket and rotation adjustment.	275lbs / 125kg	Titanium	93g	26mm	26mm
		1K205	4-hole Pyramid Socket adapter features European 4-hole pattern and a pyramid adapter allowing for tilt adjustment of the socket.	275lbs / 125kg	Stainless steel	80g	22mm	22mm
	 	1K60	4-hole Pyramid Socket adapter features European 4-hole pattern and a pyramid adapter allowing for tilt adjustment of the socket and rotation adjustment.	275lbs / 125kg	Titanium	106g	23mm	23mm
		1K209	4-hole Pyramid Socket Adapter features European 4-hole pattern and a pyramid adapter allowing for tilt adjustment of the socket.	275lbs / 125kg	Titanium	46g	22mm	8mm
		1K14	Ø 30mm Tubular Link providing connection between a 30mm Ø tube and a socket with a 4-hole plate.	220lbs / 100kg	Aluminum	60g	32mm	32mm

4-HOLE ADAPTER

COMPONENTS





4-Hole lamination adapters

	Use	Material	Weight	Max. Patient Weight	Item N°.
	Threaded Four Hole Lamination Adapter With One-Way Valve A threaded 4-hole adapter plate with one-way valve. Kit includes #10 plate, TP5 valve, and four attachment screws.	Aluminum	103.6g	300lbs 136kg	FHLA-10K
	Threaded Four Hole Lamination Adapter With One-Way Valve A threaded 4-hole adapter plate with one-way valve. Kit includes #10 plate, TP3 valve, and four attachment screws.	Aluminum	103.6g	300lbs 136kg	FH- LA-10KT- P3SB
	Threaded Four Hole Lamination Adapter With One-Way Valve A threaded 4-hole adapter plate with one-way valve. Kit includes #16 plate; 1 - TP7 & 1 - TP10 valve.	Aluminum	93.2g	300lbs 136kg	FHLA-16K
	Threaded Four Hole Lamination Adapter A threaded 4-hole adapter plate. Compatible with TP9, TP5 and TP3 valves.	Aluminum	98.9g	300lbs 136kg	FHLA-10

4-HOLE ADAPTER

COMPONENTS

4-Hole lamination adapters

	Use	Material	Weight	Max. Patient Weight	Item N°.
	Threaded Four Hole Lamination Adapter Standard 65mm hole pattern. Dimensions: 72 x 11mm.	Aluminum	60.96g	300lbs 136kg	FHLA-11
	Threaded Four Hole Lamination Adapter A low-profile, threaded 4-hole adapter plate. Dimensions: 72 x 9.5mm. Compatible with TP9, TP5 and TP3 valves.	Aluminum	53g	300lbs 136kg	FHLA-13
	Threaded Four Hole Lamination Adapter Standard 65mm hole pattern. Dimensions: 69 x 9.5mm.	Aluminum	56.7g	300lbs 136kg	FHLA-3
	Threaded Four Hole Lamination Adapter M6 threaded blind holes. Plate has no through holes. Dimensions: 72 x 15mm	Nylon	56.7g	300lbs 136kg	FHLA-23
	Threaded Four Hole Lamination Adapter M6 threaded blind holes. Plate has no through holes. Dimensions: 72 x 15mm	Nylon	60g	300lbs 136kg	FHLA-24

BRACES

COMPONENTS

Transfemoral brace

- Hip brace for transfemoral prosthesis with clevis and ball bearings.
- Used with a belt or a corset.
- Supplied in single unit.



Item N°.	Description	Length in cm (L)	Material	Prosthesis
1T17	Hip joint with rigid transversal piece	18	steel	Dural socket

Transtibial brace

- Brace for transtibial prosthesis with clevis and ball bearings.
- Used with a tight-corset.
- Supplied in pairs (1 medial side and 1 lateral side).



Item N°.	Patient	Side	Length sup.	Diameter	Lower Part Length	Material	Weight
1T01	Adult / Long residual limb	Right	282mm	28mm	110mm	Steel	515g
1T02	Adult / Long residual limb	Left	282mm				515g
1T05	Reinforced for adult / Short residual limb	Right	393mm				660g
1T06	Reinforced for adult / Short residual limb	Left	393mm				660g

SOCKETS



LINERS

STEPLINE PLUS



SEALING SLEEVES



SEALING RING



ADJUSTABLE TEMPORARY SOCKET



STEP-IN

LOCKS AND VALVES



- Valve for thermoformable transfemoral socket.
- Valve for Aluminum transfemoral socket.
- Accessories for transfemoral valve.
- Depressurizing valves.
- Locks for distal attachment.
- Tools and accessories for lock.

COSMETICS



- Transfemoral 2-part cosmetic cover.
- Pe & pu one-part cosmetic cover.
- Plastazote one-part cosmetic cover.

LINERS

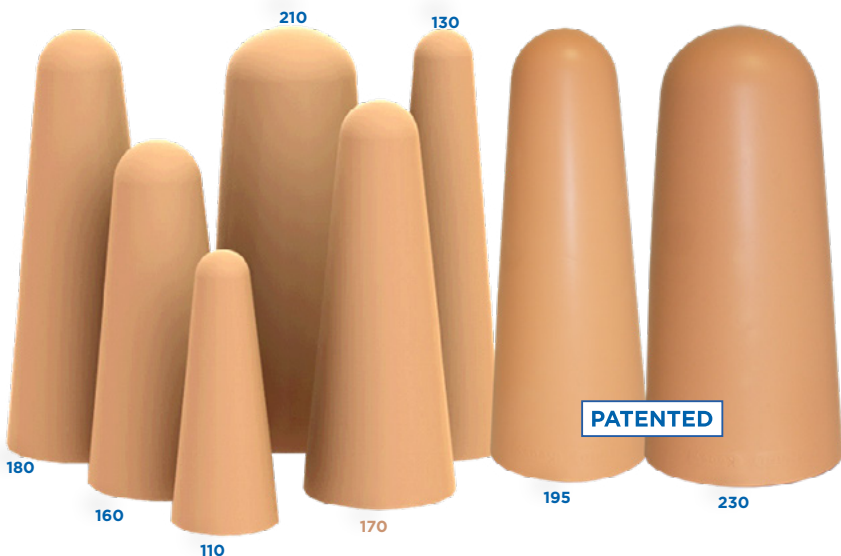
SOCKETS

Keasy

KEASY has established itself over the years as the unique prefabricated cone allowing to manufacture rapidly quality finished thermoformed liners.

A unique prefabricated cone, the KEASY has established itself due to the offered ability to rapidly create quality, finished thermoformed liners.

No welding, no gluing, and seamless, the KEASY minimizes allergenic risks while providing comfort. Fabrication and finishing time are shortened with easy thermoforming, cutting and sanding abilities. Changes in limb volume can be accommodated by gluing extra material to the outer surface. Closed cell structure keeps perspiration and cleaning products from penetrating the material for easy cleaning.



	Item N°.	Use	Length	Ø Proximal	Profile	Distal Thickness	Packaging
Keasy Comfort							
Peds	1S402-110#12	BK small Upper limb	305mm	110mm	5mm	8mm	x 12
	1S400-130#24	BK, Long & thin	500mm	130mm	6,5mm	10mm	x 24
	1S400-160#24	BK Short & medium	400mm	160mm	6,5mm	10mm	x 24
	1S400-180#12	BK Short & medium	500mm	180mm	6,5mm	15mm	x 12
	1S400-195#9	BK XL	510mm	195mm	6,5mm	10mm	x 9
	1S400-210#6	AK	500mm	210mm	6,5mm	10mm	x 6
	1S400-230#6	AK XL	510mm	230mm	6,5mm	10mm	x 6
	Keasy interface						
	1S401-170#12	BK Short & medium	420mm	420mm	3mm	10mm	x 12

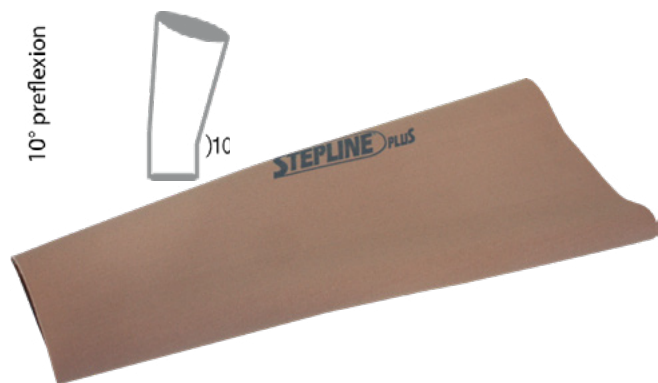
SEALING SLEEVES

SOCKETS

STEPLINE PLUS



10° preflexion



STEPLINE PLUS Sealing Sleeve.

The STEPLINE PLUS sealing sleeve is made from our copolymer gel and features a durable fabric outer-covering that offers great durability and flexibility. The STEPLINE PLUS is available in two colors.



Item N°.	Material	Length	Profile	Distal Circumference	Proximal Circumference	Color
1S500-M	Copolymer Gel	350mm	3mm uniform	21 to 30cm	29 to 43cm	Beige
1S500-L				28 to 48cm	36 to 51cm	
1S500-LP				31 to 46cm	39 to 55cm	
1S500-XL				34 to 50cm	42 to 60cm	
1S500-XXL				36 to 55cm	44 to 70cm	
1S510-M				21 to 30cm	29 to 43cm	Grey
1S510-L				28 to 48cm	36 to 51cm	
1S510-LP				31 to 46cm	39 to 55cm	
1S510-XL				34 to 50cm	42 to 60cm	
1S519-XXL				36 to 55cm	44 to 70cm	

STEPLINE PLUS PREFLEX Sealing Sleeve.

Sealing sleeve with 10° pre-flexion. Designed to minimize discomfort during flexion.

Item N°.	Material	Length	Profile	Distal Circumference	Proximal Circumference	Color
1S520-S	Copolymer Gel	340mm	3mm uniform	28 to 48cm	36 to 51cm	Beige
1S520-M				31 to 46cm	39 to 55cm	
1S520-L				34 to 50cm	42 to 60cm	
1S520-XL				36 to 55cm	44 to 70cm	

SEALING SLEEVES

SOCKETS

Sealing ring.

This silicone sealing ring has to be bonded onto the liner of lower or upper limb amputees.

By creating vacuum between the socket and the liner, it provides the prosthesis suspension through depressurization for patients without locking device. Available in 4 sizes (from 2 to 5) it is suitable for any case.

TECHNICAL FEATURES

Item N°.	Size	Ø Distal	Adhesive included
1S950-02	2	16 to 22 cm	yes
1S950-03	3	20 to 38 cm	yes
1S950-04	4	30 to 48 cm	yes
1S950-05	5	40 to 55 cm	yes
1S950-12	2	16 to 22 cm	no
1S950-13	3	20 to 38 cm	no
1S950-14	4	30 to 48 cm	no
1S950-15	5	40 to 55 cm	no

ADDITIONAL ITEMS

Item N°.	Description
XC950	Glue for sealing ring
1S950-90	Spray donning Aid for sealing ring



SOCKETS

SOCKETS

Adjustable temporary socket.

This socket with adjustable closing allows an easy fitting for patients with recent transfemoral amputation.





- A wide range of adult and child sizes.
- A suspension system is necessary (suspenders).
- We strongly recommended to protect the residual limb with cotton tubular jersey.



TECHNICAL FEATURES

Item N°.	Side	Item N°. line	Circumference of residual limb base	Height Perineum / Socket End	Lower Connection	Use
1N06-G... or 1N06-D...	G = Left D = Right	3438	34 to 38cm	26.5cm	1N106	Adult
		3943	39 to 43cm			
		4448	44 to 48cm			
		4953	49 to 53cm			
		5458	54 to 58cm			
1N07-G... or 1N07-D...	G = Left D = Right	5963	59 to 63cm	21.5cm	1N107	Child
		3033	30 to 33cm			
		3438	34 to 38cm			

ORDER ONE OF THE FOLLOWING TO COMPLETE YOUR ORDER

	Item N°	Description
	1N106	Linking Device for Temporary Adult Prosthesis
	1N107	Linking Device for Temporary Child Prosthesis
	TJ001/2/3/4/5	Cotton Tubular Jersey
	1X170	Suspenders for Temporary Prosthesis

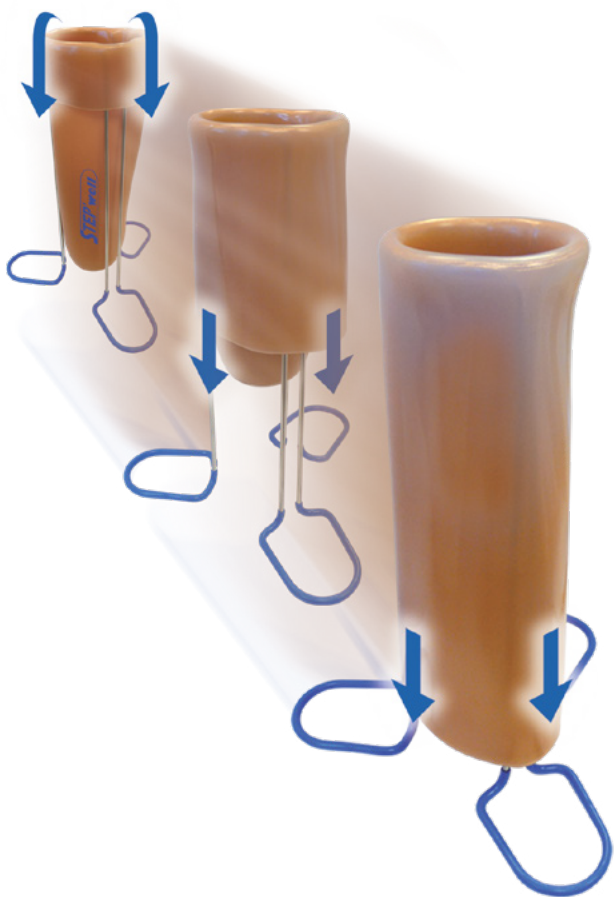
SOCKETS

SOCKETS

Step-In

Step-in is a multi-purpose support designed to easily reflect and assist in donning liners of any kind (copolymer gel, silicone gel, silicone, etc).

- Facilitates donning, drying, and cleaning of the liner.
- Height: 39cm






Item N°.	Packaging
1S900	Unit
1S900#5	Set of 5



LOCKS & VALVES

SOCKETS





Depressurizing valves.

	Use	Description	Item N°.
	Depressurizing Valves for Transtibial Socket Allows a firm suspension of the prosthesis onto the residual limb, due to automatic air expulsion. Easy to use for the patients.	Valve for BK Socket	1S162
	Depressurizing Valves for Transfemoral Socket Allows a firm suspension of the prosthesis onto the residual limb, thanks to manual air expulsion or automatic one. The cap has a quick opening system (1/4 turn), allowing to use a putting on aid for the prosthesis. Easy to use for the patient. A specific tool (1S164) can be used to set up the valve.	Valve for AK Socket	1S163
	Specific Tool Allows to set up, remove and configure (manually or automatically) transfemoral valve 1S163.	Tool for 1S163 depressurizing Valve	1S164


LOCKS & VALVES

SOCKETS

Valves for thermoformable transfemoral socket.

	Use	Item N°.	Valve
	Valve Seat for Thermoformed Socket This valve seat will be placed on the positive model and fixed while socket thermoforming. The assembly is sealed by a joint.	1X21	
	Removable Valve Seat This seat valve will be fitted on thermoformable rigid plastics or soft plastics which will be laminated afterwards. Use 1X4750 tool to set up.	1X47	 1X16: Ø 30mm Silicone Valve
	Valve Seat and Removable Seat This seat valve will be fitted on thermoformable rigid plastics or soft plastics which will be laminated afterwards. Use 1X10150 tool to set up. 1X10158 wrench allows to screw the valve to the seat valve. 1X10159 wrench allows to fit the seat valve on the socket.	1X10140	Included




Accessories for transfemoral valves.

	Use
	1X45 Rigid Hole Shuttle Housing To be glued on a wooden or laminated traditional socket.

LOCKS & VALVES

SOCKETS





Locks for distal attachment.

	Use	Material	Weight	Max. Patient Weight	Item N°.
	Push Lock Kit. Our best selling puck-style lock with a 2.50" pin. Includes (2) 2.5" lock pins and (4) M6x1.0x25 water resistant. FHCS	Plastics + Aluminum	102g	365lbs 166kg	LOC-APC-2.50
	Push Lock Kit. Our best selling puck-style lock with a 1.75" pin. Includes (2) 1.75" lock pins and (4) M6x1.0x25 water resistant. FHCS	Plastics + Aluminum	102g	365lbs 166kg	LOC-APC-1.75
	Push Lock Kit. Our best selling puck-style lock with 1.25" pin. Includes (2) 1.725" lock pins and (4) M6x1.0x25 water resistant. FHCS	Plastics + Aluminum	102g	365lbs 166kg	LOC-APC-1.25

LOCKS & VALVES

SOCKETS







Locks for distal attachment.

	Use	Material	Weight	Tools & Accessories		Item N°.
	Locking Kit with Smooth Pin, Small Cup and Adapter for 1K90 This kit with push button and smooth pin is fitted with a device that locks the pin, allowing accurate positioning. Thanks to its small cup (Ø 57mm), it is particularly appropriate for residual limbs with low volume, such as transtibial ones. It is designed for assembly with 1K90 cup which is not included in the kit.	Plastics	100g	1S129: Tools for Lamination / Thermoforming 1S112: Centering Tool		1S137-1
	Locking Kit with Smooth Pin and Vertical Pulling This locking kit with pin is operated by vertical tab pulling. Control of unlocking can be displaced through a handle fitted on the side of the socket. 2 pins are supplied: a smooth pin that provides fine adjustment of the liner, and a smooth pin with notched end allowing the patient to know if the pin is well engaged and providing accurate adjustment. Ø 45mm cup.	Plastics + Aluminum	85g	1S141: Tools for Lamination / Thermoforming 1S129: Tool for Lamination / Thermoforming, used with 1S142 1S112: Centering Tool 1S142: Adapting Kit for assembly with 1K90 cup 1X110: Handle for displaced control of unlocking		1S140
	Locking Kit with Notched Pin and Rack Adjustment 1S145 locking kit provides very fine adjustment thanks to its rack system which avoids any slack in the bottom of the socket. It comes with a lamination prong for the upper connection and the tools needed for lamination. The lower connection is provided by screwing a threaded pyramid insert (1K182) or a threaded Receiver insert (1K183).	Aluminum + Stainless steel	125g	1K182: Threaded Pyramid insert 1K183: Threaded Receiver insert		1S145
	Smooth Pin	-	-	Pin length	30mm	1S11632
					36mm	1S11636-1
					50mm	1S11633

LOCKS & VALVES

SOCKETS

Tools and accessories for lock.

	Use	Material	Weight	Item N°.
	European 4-Hole plate This cup allows to fit any European 4-hole linking component (4 x M6, 36mm) on a knee. Comes with its protective tools.	Aluminum	75g	1S105
	Centering Tool Fitted on the end of a positive model previously slightly leveled, the 1S112 tool allows to install a pin lock. It will be taken off (for re-use) when the positive model is broken down. Used for item No 1S103, 1S116-1, 1S117-1, 1S136-1, 1S137-1, 1S140	Plastics	-	1S112
	Forming Tool for 1S116-1 1S118-1 tool allows to keep enough space at the bottom of the socket to receive 1S116-1 locking kit with smooth pin.	Plastics	-	1S118-1
	Forming Tool for 1S117-1 1S119-1 tool allows to keep enough space at the bottom of the socket to receive 1S117-1 locking kit with smooth pin.	Plastics	-	1S119-1
	Forming Tool for 1S136-1 1S128 tool allows to keep enough space at the bottom of the socket to receive 1S136-1 locking kit with smooth pin and adapter.	Plastics	-	1S128
	Tools for 1S140 This tooling kit allows to keep enough space at the bottom of the socket to receive 1S140 locking kit. It comes with a short and a long pipe used according to the type of endoskeletal or exoskeletal socket. A drilling and screwing set is also supplied for easier assembling of the different items.	Special treated steel		1S141





MORE



LOCKS & VALVES

SOCKETS

Tools and accessories for lock.

	Use	Material	Weight	Item N°.
	Adapting Kit for Assembly on a Cup IS142 adapting kit allows to fit IS140 locking kit with pin on 1K90 cup (not included in the kit). This kit includes a Ø 57mm cup and the screws needed to assemble the items. The use of IS129 tool is necessary.	Plastics	15g	IS142
	Handle for Displaced Control of Unlocking 1X110 handle allows to displace control of unlocking to a place that is more accessible for the patient. It is appropriate for 1M102V and 1M102V-HD locking knees.	Plastics	25g	1X110
	Threaded Pyramid Insert This pyramid is screwed to the lower end of IS145 lock.	Plastics	65g	1K182
	Threaded Receiver Insert for IS145 Lock This receiver is screwed to the lower end of IS145 lock. Threaded Receiver Insert for IS145 Lock	Plastics	75g	1X183



MORE

COSMETICS

SOCKETS

Transfemoral 2-part cosmetic cover.

- Does not interfere with knee unit or its settings.
- Lets clothing slip on the cosmetic cover without snagging it.

TECHNICAL FEATURES

Shin Item N°	Knee Cap Item No	Knee
1G21	-	1M01 / 1M10 / 1M01-HD / 1M10-HD
1G21	1M10294	1M102 / 1M102V / 1M102-HD / 1M102V-HD

JUNCTION PLATES



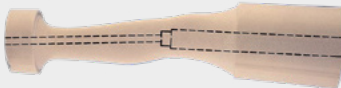

Item N°.	Foot
1D20	S.A.C.H.
1D26	Child



COSMETICS

SOCKETS

Pe & pu one-part cosmetic cover.



	Item N°		Length	Color	Material	Diameter	Prosthesis	Packaging			
	1G14		545mm	Light	Polyurethane	max 200mm	BK	x 1			
	1G17		480mm		Polyethylene	Shin 147mm Ankle 100mm	BK	x 1			
	1G17#12							x 12			
	Left	1G13-G32	900mm		Polyurethane	320mm	1M01 1M01-HD 1M10 1M10-HD 1M102 1M102-HD 1M102V 1M102V-HD 1M03 1M05 1M112 1M113 1M115 1M149	x 1			
	Right	1G13-D32				360mm					
	Left	1G13-G36				400mm					
	Right	1G13-D36				440mm					
	Left	1G13-G40			Polyurethane	360mm	1P200 1P350 1P130	x 1			
	Right	1G13-D40				400mm					
Left	1G13-G44	440mm									
Right	1G13-D44										
	Left	1G18-G36				Polyurethane			360mm	1P200 1P350 1P130	x 1
	Right	1G18-D36							400mm		
	Left	1G18-G40			440mm						
	Right	1G18-D40									
	Left	1G18-G44									
	Right	1G18-D44									

COSMETICS

SOCKETS

Plastazote one-part cosmetic cover.

Both cosmetic covers are thermoformable at 100°.

	Prosthesis	Length	Color	Material	Diameter	Item N°	Packaging
	BK	590mm	Light	Plastazote	Proximal 170mm Distal 100mm	1G1510	x 1
	AK	245mm	Medium	Polyurethane	max 235mm	1G1525	x 1
	AK	510mm	Light	Plastazote	Proximal 190mm Distal 125mm	1G24	x 1

MATERIALS

aflex



ANKLE JOINTS



STRAPS AND PADS

- Textured and colored Straps and pads
- Customized pvc strap
- Fabric strap
- Velvet strap
- Micro-hook strap
- Hook and loop strap



FABRICS

- Special thermoformable fabric
- Thermoformable thick fabric
- 3D fabric
- Single layer 3d fabric waterproof
- Ripstop suede fabric
- Neoprene sheet
- Anti-slipping lining
- Waterproof & stretchable fabric
- Lycra® fabric
- Terry cloth
- Self-adhesive suede fabric
- Self-adhesive fabric
- Self-adhesive carbon imitation
- Padding felt
- Elastic velvet edge
- Thread



FASTENERS



TOOLS

ANKLE JOINTS

MATERIALS



A complete line of flexure joints, let Aflex help fabricate your all your thermoformed orthoses.

- Indications: to treat pathologies of neurological, muscular or traumatic origin that affect foot levator muscles.
- Easy implementation thanks to their flexibility allowing self-alignment.
- Designed to last, Aflex has been tested in all conditions and guaranteed meet your needs.

Flexible AFLEX.

Recommended for night AFO, their flexibility ensures comfort for even very spastic patients and possible motions of the ankle allow a better compliance of the orthosis.
(3 sizes available (pediatric, child, adult))



Description	Pediatric	Child	Adult
L x W	34 x 11,6mm	42 x 11,7mm	49 x 14mm
Thickness	5mm	6,5mm	8mm
Item N°. kit	2C131-P	2C131	2C130

Reinforced Straight AFLEX.

Recommended for walking AFO, they prevent planti-flexion of the foot and motion in rotation and inversion-eversion of the foot. Reinforced with a Kevlar fiber braid: Superior Tensil Strength (2 sizes available child, adult).



Description	Child	Adult
L x W	40 x 14mm	44 x 16mm
Thickness	9mm	
Item N°. kit	2C161	2C160

Reinforced Dorsi AFLEX.

Recommended for walking AFO with Dorsi Flexion assist. The natural yield of the joint provides a motion assistance in Dorsi Flexion during swing phase to supply toe clearance. Reinforced with a Kevlar fiber braid: Superior Tensil Strength. 3 durometers available to give a better answer for patient needs (70, 80 and 90 ShA). 2 sizes available (child, adult).



Description	White 90 ShA		Light grey 80 ShA		Dark grey 70 ShA	
	Child	Adult	Child	Adult	Child	Adult
L x W	40 x 14mm	44 x 16mm	40 x 14mm	44 x 16mm	40 x 14mm	44 x 16mm
Thickness	9mm					
Item N°. kit	2C163-90	2C162-90	2C163-80	2C162-80	2C163-70	2C162-70

STRAPS AND PADS

MATERIALS

A full range of straps and pads, including chafe and loop.

		SELF-GRIPPING STRAP						PVC PAD	
	Pack.	Length	300mm		500mm	400mm	680mm	150mm	
		Width	16mm	25mm		40mm	25mm	40mm	
TEXTURED	x 10	Paris	2X716-CV300	2X416-CV300	2X416-CV500	2X516-CV400	2X516-CV680	2X814	2X614
	x 10	Texas	2X79-CV300	2X49-CV300	2X49-CV500	2X59-CV400	2X59-CV680	2X89	2X69
	x 100	Texas marked	2X79-CC300	2X49-CC300	2X49-CC500	2X59-CC400	2X59-CC680		
	x 10	Sevilla	2X709-CV300	2X409-CV300	2X409-CV500	2X509-CV400	2X509-CV680	2X805	2X605
	x 100	Sevilla marked	2X709-CC300	2X409-CC300	2X409-CC500	2X509-CC400	2X509-CC680		
	x 10	Sydney	2X701-CV300	2X401-CV300	2X401-CV500	2X501-CV400	2X501-CV680	2X801	2X601
	x 10	New Dehli	2X702-CV300	2X402-CV300	2X402-CV500	2X502-CV400	2X502-CV680	2X802	2X602
	x 10	Tokyo	2X70-CV300	2X40-CV300	2X40-CV500	2X50-CV400	2X50-CV680	2X85	2X65
	x 100	Tokyo marked	2X70-CC300	2X40-CC300	2X40-CC500	2X50-CC400	2X50-CC680		
COLORED	x 10	Alaska	2X75-CV300	2X45-CV300	2X45-CV500	2X55-CV400	2X55-CV680	2X81	2X61
	x 10	Moscou	2X713-CV300	2X413-CV300	2X413-CV500	2X513-CV400	2X513-CV680	2X818	2X618
	x 10	Oslo	2X719-CV300	2X419-CV300	2X419-CV500	2X519-CV400	2X519-CV680	2X83	2X63
	x 100	Oslo Marked	2X719-CC300	2X419-CC300	2X419-CC500	2X519-CC400	2X519-CC680		
	x 10	Shanghai	2X721-CV300	2X421-CV300	2X421-CV500	2X521-CV400	2X521-CV680	2X809	2X609
	x 100	Shanghai marked	2X721-CC300	2X421-CC300	2X421-CC500	2X521-CC400	2X521-CC680		
	x 10	Auckland	2X714-CV300	2X414-CV300	2X414-CV500	2X514-CV400	2X514-CV680	2X819	2X619
	x 100	Auckland marked	2X714-CC300	2X414-CC300	2X414-CC500	2X514-CC400	2X514-CC680		
	x 10	Amsterdam	2X708-CV300	2X408-CV300	2X408-CV500	2X508-CV400	2X508-CV680	2X808	2X608
	x 100	Amsterdam marked	2X708-CC300	2X408-CC300	2X408-CC500	2X508-CC400	2X508-CC680		
	x 10	Lima	2X71-CV300	2X41-CV300	2X41-CV500	2X51-CV400	2X51-CV680		
	x 100	Lima marked	2X71-CC300	2X41-CC300	2X41-CC500	2X51-CC400	2X51-CC680		
	x 10	London	2X77-CV300	2X47-CV300	2X47-CV500	2X57-CV400	2X57-CV680		

150mm

25mm

150mm

40mm

CUSTOMIZATION

CUSTOMIZATION

100 pieces minimum in same size and color.

Please, contact us to get an estimate, from 100 straps.

STRAPS AND PADS

MATERIALS



Customized pvc strap.

Pack.	SELF-GRIPPING STRAP			PVC PAD	
	Length	300mm	400mm	150mm	
	Width	25mm	40mm	25mm	40mm
x 10	Ladybug	2X412-CV300R	2X512-CV400R	2X812	2X612
x 10	Syxtty Flower	2X411-CV300R	2X511-CV400	2X811	2X611
x 10	Jean	2X410-CV300R	2X510-CV400R	2X810	2X610

Fabric strap.

- Flexible, comfortable and washable.
- Ideal for areas sensitive to rubbing.
- One size. Can be easily cut with scissors.
- Delivered with roller chafe to facilitate the sliding of the strap.

Pack.	Length	290 + 125mm	290 + 125mm
	Width	25mm	40mm
x 10	Item N°.	2X100-2525	2X100-4025

Velvet strap.

- Flexible, comfortable and washable strap.
- It is ideal for friction sensitive areas.
- Better comfort thanks to the built-in flap.
- Impressive gripping strength thanks to the micro hook.
- Delivered with roller chafe to facilitate the sliding of the strap.

Pack.	Width	25mm	40mm
x 10	Item N°.	2X098-2525	2X098-4025

Micro-hook strap.

- Velvet-hemmed loop band, associated with our micro hook pliers.
- Optimal implementation: can be cut to the desired length.
- Delivered with roller chafe to facilitate the sliding of the strap.

Pack.	Width	25mm	40mm
x 10	Item N°.	2X099-25	2X099-40



FABRICS

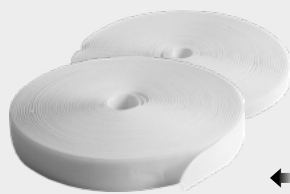
MATERIALS

Hook and loop strap.



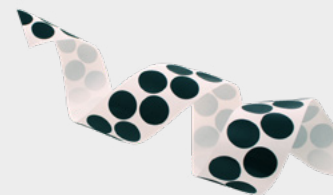
Comfort pad

- Provides comfort in areas sensitive to rubbing.
- The hooks on one side make it easy to attach to loop.
- 2X100-NS with silicone to prevent the orthosis from slipping.
- Easy cutting.
- Particularly adapted to 2x100-4025



Elastic loop strap

- Adjustable and variable compression.
- Perfectly matches the skin relief.
- Easy cutting.



Micro-hook

- Very flat, soft to the touch.
- Exceptional gripping capacity.
- Bonds easily to many supports like polyethylene, polypropylene, PVC, polyamide, wood, glass, cardboard, metal.
- Precut round pieces.
- Adhesive side for immediate bond, optimal after 24h.



Plastic disc with hooks

- Very strong grip.
- Can be screwed in the plastic device (screws included).

Width	50mm		25mm	50mm	Ø 15mm	Ø 25mm		Ø 25mm
Length	1m		25m		-		-	
Color	Black	Black with silicone	White		Black	Black	Transparent	Black
Item N°	2X100-N	2X100-NS	TT190-25	TT190-50	TT216-15	TT216-25	TT215-25	2X980
Packaging	by meter	10m	x 1		x 800	x 400	25m	10 discs + 10 screws









FABRICS

MATERIALS



Special thermoformable fabric.

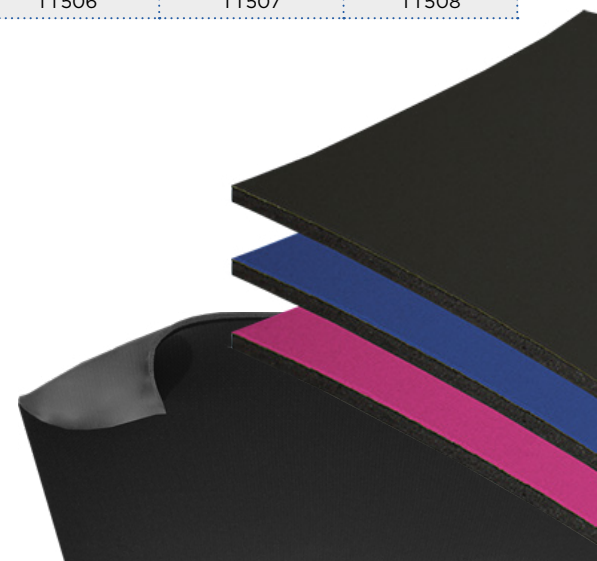
- Breathable, textured, moisture wicking fabric.
- Very comfortable and soft to the touch.
- Easy to clean, washable at 40°C.
- Good resistance to aging.
- Glue-less, this fabric limits risks of allergy.
- Thermoformable at 170°C.

Thickness:	6mm	Width	1.45m	Length	1.00m		
							
Black	White	Blue	Raspberry	Lead gray	Brown	Green	Red
TT501	TT502	TT503	TT504	TT505	TT506	TT507	TT508

Thermoformable thick fabric.

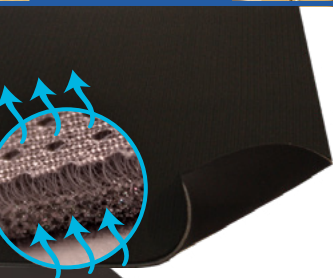
- Perfectly matches the most complex mold shapes.
- Very comfortable and soft to the touch.
- Easy to clean, washable at 40°C.
- Good resistance to aging.
- Glue-less, this fabric limits risks of allergy.
- Thermoformable at 170°C.

Thickness:	6mm	Width	1.45m	Length	1.00 m
					
Black	Blue	Fuchsia			
PL190-06	PL191-06	PL192-06			



FABRICS

MATERIALS



3D fabric.

- Breathable, textured, moisture wicking fabric.
- Very comfortable and soft to the touch.
- Easy to clean, washable at 40°C.
- Good resistance to aging.
- Glue-less, this fabric limits risks of allergy.

Thickness:	6mm	Width	1.45m	Length	by meter
------------	-----	-------	-------	--------	----------

Black	White	Blue	Raspberry	Lead gray	Brown	Green	Red
TT381	TT382	TT383	TT384	TT385	TT386	TT387	TT388

Single layer 3d fabric waterproof.

- Stretchable, breathable, comfortable 3D fabric.
- Waterproof thanks to the associated flexible film.
- Very comfortable and soft to the touch.
- Ideal for making covers with waterproof areas.

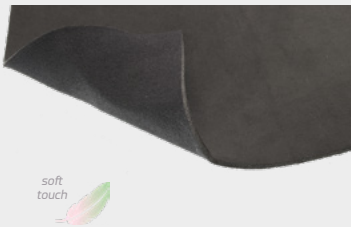
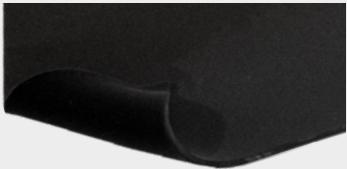

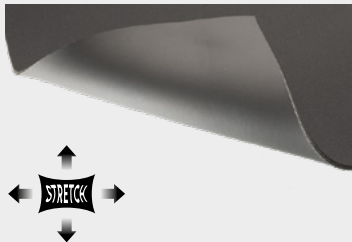
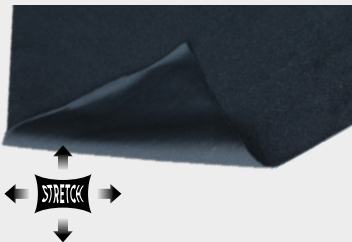
Thickness:	3mm	Width	1.45m	Length	by meter
------------	-----	-------	-------	--------	----------

Black	White	Blue	Raspberry	Lead gray	Red
TT391	TT392	TT393	TT394	TT395	TT396



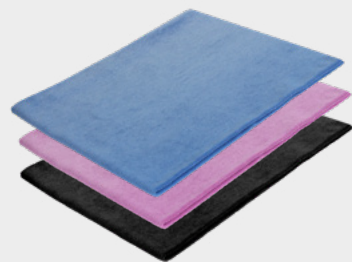
FABRICS

MATERIALS

									
Ripstop suede fabric		Neoprene sheet		Anti-slipping lining		Waterproof & stretchable fabric		Lycra® fabric	
<ul style="list-style-type: none">- Its texture allows it to have strong resistance and velvet soft touch.- Very comfortable contact, soft and flexible to the touch.- Easy to clean, washable up to 40°C.- Good resistance to aging.		<ul style="list-style-type: none">- Particularly suitable for lining orthosis and the confection of plastron.- Neoprene sheet with one side in polyester fabric, the back side can be fixed with hook.- Easy to clean, washable up to 40°C.		<ul style="list-style-type: none">- Particularly suitable for lining of orthosis closure bands.- This copolymer provides optimal adhesion to the patient skin, the back side can be fixed with hook.- Relieves friction spots.- Easy to clean with water and soap.		<ul style="list-style-type: none">- Particularly suitable for making waterproof covers.- Extensibility (bi stretch).- Excellent mechanical strength.- Easy to clean, washable at 40°C for TT372 and up to 90°C for TT373#10.		<ul style="list-style-type: none">- Particularly suitable for making covers.- Extensibility (bi stretch).- Excellent mechanical strength.- Easy to clean, washable at 40°C.- Dries faster than an ordinary fabric.	
4,5mm		5mm		5mm		2,5mm		1mm	
1,45m		1,45m		0,30m		1,45mm		1,45mm	
by meter	10m	0,99m		0,30m		by meter	10m	10m	
TT600	TT600#10	TT460		TT450		TT372	TT373#10	TT370#10	
by meter	10m	x 1		x 1		by meter	10m	10m	

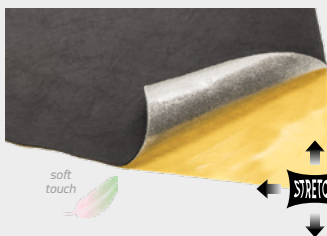
FABRICS

MATERIALS



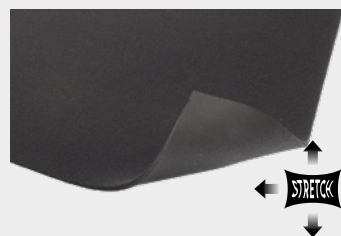
Terry cloth

- Particularly suitable for making covers.
- Ideal for lining.
- Stretchable in both directions.
- Easy to clean, washable up to 40°.



Self-adhesive suede fabric

- It is recommended for inside or outside lining of orthosis.
- Very comfortable contact, soft and flexible to the touch.
- Fabric with a powerful adhesive.
- Good resistance to aging.



Self-adhesive fabric

- Ideal for inside or outside lining of orthosis.
- Very comfortable and soft to the touch.
- Fabric with a powerful adhesive.









Self-adhesive carbon imitation

- This vinyl is particularly recommended for the lining of orthosis.
- It allows the covering of any material in order to get a «carbon-fiber» appearance.
- Resistant and easy to apply (with a heat gun).
- Adhesive side for immediate bond, optimal after 24h.

Padding felt

- Particularly suitable for making covers.
- Extensibility (bi stretch).
- Excellent mechanical strength.
- Easy to clean, washable at 40°C.
- Dries faster than an ordinary fabric.

Thickness	2mm			1,5mm	1,5mm	-	2mm
Width	1,5m			1,5m	1,5m	1,52m	0,9m
Length	5m			by meter	by meter	1m	1m
Color	Blue 	Pink 	Black 	Black 	Black 	Carbon imitation	White 
Item N°.	TT550-5	TT551-5	TT552-5	TT410	TT400	TH001	TF001
Packaging	5 m			x 1	by meter	x 1	x 1










FABRICS

MATERIALS

Elastic velvet edge.










- Its elasticity makes it suitable for finishing of edges with complex shapes.
- Very comfortable and soft to the touch.
- Reduces risks of irritation caused by rough edges.
- Can be stitched or glued on plastics.



											
Color	Black	White	Blue	Fuchsia	Grey	Brown	Red	Green	Beige		
Width	25mm									22mm	
Packaging	25m										
Item N°.	TT020-N	TT020-BLANC	TT020-BLEU	TT020-F	TT020-G	TT020-M	TT020-R	TT020-V	TT020	TT025	

Thread.



											
Color	White			Raw	Black	Blue	Fuchsia	Grey	Brown	Green	Red
Material	Linen	Terylene	Polyester	Polyester	Polyester						
Packaging	50g	270g	235g	250g	235g						
Item N°.	TT050	TT055	TT056	TT051-I	TT056-N	TT056-B	TT056-F	TT056-G	TT056-M	TT056-V	TT056-R

FASTENERS

MATERIALS

Colored single cap speedy rivet.

Head	Ø 13mm	Tube	Ø 4mm	Pack.	x 100
------	--------	------	-------	-------	-------

																
Color	Black		White		Blue		Fuchsia		Grey		Brown		Green		Red	
Height	15,6mm	12,4mm	15,6mm	12,4mm	15,6mm	12,4mm	15,6mm	12,4mm	15,6mm	12,4mm	15,6mm	12,4mm	15,6mm	12,4mm	15,6mm	12,4mm
Item N°.	KE100	KE200	KE101	KE201	KE102	KE202	KE103	KE203	KE104	KE204	KE105	KE205	KE106	KE206	KE107	KE207

Single cap speedy rivet.

Packaging	Head Ø	6,6mm		8,5mm			9,5mm	10,5mm	12mm
x 100	Tube Ø	2,5mm		3mm			3mm	3mm	3mm
	Height	6mm	7mm	8mm	11mm	15,6mm	9,1mm	11mm	10mm
	Item N°.	KE047	KE046	KE050	KE051	KE057	KE056	KE058	KE053



Double cap speedy rivet.

Packaging	Head Ø	10,7mm
x 100	Tube Ø	3mm
	Height	9,1mm
	Item N°.	KE052



Press studs (snap).

Packaging						
x 100	Color	Steel	Black	White	Blue	Fuchsia
	Item N°.	KE030	KE030-01	KE030-02	KE030-03	KE030-04



TOOLS

MATERIALS



Scissors.

Description	Length	Item N°.
Plaster cast scissors	240mm	5C100
Scissors	700mm	5C101
Dressmaker's scissors	170mm	5C110
Dressmaker's scissors	200mm	5C111



Deburring tool.

Ideal for trimming and leveling edges and surfaces.

Description	Item N°.
Trimming with 2 blades	5C425
10 spare blades	5C427



Deburring tool for tubes.

One side to trim inside and the other to trim outside.

Description	Item N°.
Inside and outside trimming for 22 to 34mm Ø tubes	5C424



Metal forming form.

Jaw opening	Length	Item N°.
4 & 6mm	245mm	5D210
	310mm	5D220
6 & 8mm	245mm	5D211
	310mm	5D221
7 & 9mm	310mm	5D222



CONTACT INFORMATION

Customer Service

PHONE: 855.450.7300

EMAIL: info@proteorusa.com

HOURS: Monday-Friday, 6AM-5PM PST

Technical and Clinical Support

PHONE: 855.450.7300

EMAIL: support@proteorusa.com

Placing Orders

CALL: 855.450.7300

EMAIL: orders@proteorusa.com

ONLINE: shop.proteorusa.com

PROTEOR USA

Arizona

1236 West Southern Avenue
Suite 101
Tempe, AZ 85282

California

3 Morgan
Irvine, CA 92618

Utah

425 East 400 North
Gunnison, UT 84634

PROTEOR Global Headquarters

France

6 rue de la Redoute
21850 St Apollinaire
France
Phone: +33 3 80 78 42 42
Fax: +33 3 80 71 51 50



1236 West Southern Avenue #101, Tempe, AZ 85282 • 855.450.7300

shop.proteorusa.com     #HumanFirst

Human First