

SYNCRO MED

ORTHOPÄDISCHE ERZEUGNISSE

PROSTHETICS & WORKSHOP SUPPLIES

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Prosthetic Feet

BioStep CL



Product Description

The Biostep CL from Alps is a prosthetic foot made of high-quality carbon composite material for active users. This foot is very robust, durable, yet very lightweight. Thanks to the very high energy return of the carbon spring, it provides a dynamic gait. Furthermore, it can accommodate rotational movements in the ankle joint, making it highly adaptable and dynamic

Order Example

Article Number	Page	Size	Strength
BS	L	25	3

PRODUCT FEATURES

Artikelnummer:	BS
Mobilitätsgrad:	2 – 4
Maximalgewicht:	140 Kg / 308lbs
Vorfuß:	sehr hohe Energierückgabe
Absatzhöhe:	mit Kosmetik 10+/-5 mm
Adaption:	Justierkern
Aufbauhöhe:	180 mm
Gewicht:	ca. 390 g
Seite:	links (L), rechts (R)
Größe:	22-30cm
Stärke:	1 – 5

Selection of keel thickness

	Activity level		
Weight (kg)	**Low**	**Medium**	**High**
50	1	1	1
70	2	2	2
90	3	3	3
110	4	4	4
130	5	5	5

Winged Prosthetic Foot



Product Description

The Winged was developed for active users who don't want to compromise – neither on land nor in the water. With its curved carbon spring, this prosthetic foot provides exceptionally dynamic energy return and a natural rolling motion.

Thanks to its waterproof construction, the Winged is not only ultralight and robust, but also the ideal companion for everyday life, sports, and leisure – even in wet conditions. Whether in the rain, in the shower, or while swimming: the Winged remains powerful and reliable.

Order Example

Article Number	Page	Size	Stärke
WIN	L	23	2

PRODUCT FEATURES

Item number:	WIN
Mobility level:	2 – 4
Maximum weight:	100 kg/264 lbs
Forefoot:	High energy return
Heel height:	with cosmetics 10+/-5 mm
Adaptation:	Adjustable core
Build-up height:	110 mm
Weight:	approx. 375 g
Side:	left (L), right (R)
Size:	22-29 cm
Thickness:	1 – 5
Included in delivery:	Foot + cosmetics + fiberglass sock

Selection of keel thickness

	Activity level		
Weight (kg)	**Low**	**Medium**	**High**
65-75	1	1	1
75-85	2	2	2
85-95	3	3	3
95-105	4	4	4
105-120	5	5	5

DINIO Drill



DINIO®

Product Description

The DINIO Drill prosthetic foot was specially developed to optimally meet the needs of users regardless of their level of mobility. The high design of the carbon spring helps the user manage all everyday activities and also enables the patient to perform higher-impact activities such as jogging, cycling, slow walking, and much more. The split carbon spring adapts perfectly to any surface and ensures a dynamic gait. The DINIO Drill consists of carbon plates made of high-quality carbon composite materials, a rigid aluminum part with a rubber buffer, and a titanium adapter part with an adjustment core for adjusting the position.

Order Example

Article Number	Page	Size	Strength
SD	L	27	2

PRODUCT FEATURES

Item number:	SD
Mobility level:	2-4
Maximum weight:	100kg/220lbs
Forefoot:	High energy return
Heel height:	with cosmetics 10+/-5 mm
Adaptation:	Adjustable core
Build-up height:	approx. 108mm
Weight:	approx. 375g
Side:	left (L), right (R)
Size:	22-27cm
Thickness:	1-3
Included in delivery:	Foot + cosmetics + fiberglass sock

Selection of keel thickness

	Activity level		
Weight (kg)	**Low**	**Medium**	**High**
41-50	1	1	1
51-60	1	1	1
61-70	1	2	2
71-80	2	2	2
81-90	3	3	3
91-100	3	3	

DINIO Trace



Product Description

The DINIO Trace was developed for active to moderate users who want to walk with consistent stability both indoors and outdoors. Its lightweight and excellent spring properties of the carbon foot save energy for greater mobility and independence. The DINIO Trace prosthetic foot offers harmonious and reliable functionality so you can feel safe and confident at home or outdoors. It consists of carbon plates made from high-quality carbon composite materials, an aluminum part with a rubber buffer, and an adjustment core for adjusting the position.

Order Example

Article Number	Page	Size	Strength
SDD	L	25	2

PRODUCT FEATURES

Item number:	SDD
Mobility level:	2 – 3
Maximum weight:	100 kg / 220 lbs
Forefoot:	Excellent energy return
Heel height:	with cosmetics 10+/-5 mm
Adaptation:	adjustable core
Build-up height:	approx. 108 mm
Weight:	approx. 300 g
Side:	left (L), right (R)
Size:	22-27 cm
Thickness:	1 – 3
Included in delivery:	Foot + cosmetics + fiberglass sock

Selection of keel thickness

	Activity level		
Weight (kg)	**Low**	**Medium**	**High**
41-50	1	1	1
51-60	1	1	1
61-70	1	2	2
71-80	2	2	2
81-90	3	3	3
91-100	3	3	

DINIO Low



Product Description

The DINIO Low is a prosthetic foot for moderate to active users in mobility classes 2-4. The low installation height also allows for the fitting of longer stumps. This foot is perfect for everyday use and also for higher-impact activities such as jogging, cycling, slow walking, and much more. The split carbon spring adapts to any surface and ensures a dynamic gait. The DINIO Low consists of carbon plates made of high-quality carbon composite materials, a rigid aluminum part with a rubber buffer, and a titanium adapter part with an adjustment core.

Order Example

Article Number	Page	Size	Strength
SDL	L	27	2

PRODUCT FEATURES

Item number:	SDL
Mobility level:	2 – 4
Maximum weight:	100 kg/220 lbs
Forefoot:	Medium to high energy return
Heel height:	with cosmetics 10 +/- 5 mm
Adaptation:	Adjustable core
Build-up height:	approx. 78 mm
Weight:	approx. 365 g
Side:	left (L), right (L)
Size:	22-27 cm
Thickness:	1 – 3
Included in delivery:	Foot + cosmetics + fiberglass sock

Auswahl der Keelstärke

	Activity level		
Weight (kg)	Low	Medium	High
41-50	1	1	1
51-60	1	1	1
61-70	1	2	2
71-80	2	2	2
81-90	3	3	3
91-100	3	3	

ADJU heel-adjustable prosthetic foot



Product Description

The ADJU combines flexibility and performance in an innovative design. Thanks to its integrated rail system, the heel height can be individually adjusted – completely without tools. Whether sneakers, business shoes, or shoes with a slight heel: The ADJU adapts to the everyday life and style of its wearer.

The split carbon spring ensures a smooth rolling motion, excellent energy return, and lateral stability. The ADJU enables safe and comfortable walking – on any surface, with any shoe.

Order Example

Article Number	Size	Page	Strength
AD	23	L	2

PRODUCT FEATURES

Item number:	AD
Mobility level:	2 – 3
Maximum weight:	100 kg / 220 lbs
Forefoot:	Good energy return
Heel height:	with cosmetics 10 +/- 5 mm
Adaptation:	Adjustable core
Build-up height:	110 mm
Weight:	approx. 375 g
Side:	left (L), right (R)
Size:	22-27 cm
Thickness:	1 – 3
Included in delivery:	Foot + cosmetics + fiberglass sock

Selection of keel thickness

	Activity level		
Weight (kg)	Low	Medium	High
41-60	1	1	1
60-85	2	2	2
85-100	3	3	3

HENRIK H2 dynamic foot



Product Description

The Henrik H2 was developed for users with moderate to very high activity levels (mobility levels 2–4). The long fiberglass composite spring provides efficient energy return and supports a dynamic, natural rolling motion – ideal for active everyday life and longer walking distances.

The split spring structure adapts flexibly to different surfaces and ensures stability and safety – even in changing conditions. Despite its low profile, the base remains lightweight, durable, and comfortable to use.

Completely waterproof – the Henrik H2 is ideal for all weather conditions and use in humid environments.

Order Example

Article Number	Size	Page	Strength
2HE	25	1	3

PRODUCT FEATURES

Item number:	2U
Mobility level:	2 – 4
Maximum weight:	125 kg/275 lbs
Forefoot:	Very high energy return
Heel height:	with cosmetics 10+/-5 mm
Adaptation:	adjustable core
Build-up height:	71 mm
Weight:	approx. 405 g
Side:	left (2), right (1)
Size:	22-28 cm
Thickness:	1 – 3
Included in delivery:	Foot + cosmetics + fiberglass sock

Selection of keel thickness

	Activity level		
Weight (kg)	Low	Medium	High
41-60	1	1	1
60-85	2	2	2
85-100	3	3	3
100-125	4	4	4

HENRIK dynamic foot



Product Description

The Henrik prosthetic foot was specially developed for users with mobility levels 1 to 3.
Particular emphasis was placed on high wearing comfort and stable statics.
Despite its particularly low installation height, the foot offers impressive energy return.
The split carbon spring adapts perfectly to different surfaces.

Order Example

Article Number	Page	Size	Strength
HEN	1	25	3

PRODUCT FEATURES

Item number:	HEN
Mobility level:	2 – 4
Maximum weight:	100 kg/220 lbs
Forefoot:	Medium energy return
Heel height:	with cosmetics 10+/-5 mm
Adaptation:	Adjustable core
Build-up height:	71 mm
Weight:	approx. 345 g
Side:	left (2), right (1)
Size:	22-28 cm
Thickness:	1 – 3
Included in delivery:	Foot + cosmetics + fiberglass sock

Selection of keel thickness

	Activity level		
Weight (kg)	Low	Medium	High
41-60	1	1	1
60-85	2	2	2
85-100	3	3	3

The SYNCRO Step provides comfort and stability during daily activities, especially for patients with low mobility. The polymer foam at the heel absorbs impact forces during heel strike and provides flexibility in the forefoot. A rigid mid-foot support provides stability during mid-stance.

SYNCRO Step



Order Example

Article Number	Page	Color	Size
1S	L	H	27

PRODUCT FEATURES

Item number:	1S
Mobility level:	1 – 2
Maximum weight:	100kg/220lbs
Forefoot:	low energy return
Heel height:	10+/-5mm
Cosmetic:	with separate big toe
Adaptation:	M10 foot screw connection
Build-up height:	80mm
Weight: approx.	approx. 538 g
Side:	left (L), right (R)
Size:	22-30cm
Color:	Light or dark

Optional accessories: Foot adapter with adjustment core 2S



Cosmetic approach KAN



The SYNCRO standard joint foot is suitable for patients with low mobility levels (1-2). When connected to the standard joint (2NA), it allows patients with a transfemoral prosthesis to perform plantar flexion during heel strike.

SYNCRO standard joint foot



Order Example

Article Number	Page	Size
1N	L	27

PRODUCT FEATURES

Item number:	1N
Mobility level:	1 – 2
Maximum weight:	100 kg/ 220 lbs
Forefoot:	Low energy return
Weight:	approx. 440 g
Heel height:	0+/-5 mm
Adaptation:	Receiver for standard joint
Build-up height:	85 mm
Side:	left (L), right (R)
Size:	22 – 30 cm
Color:	Light or dark

Optional accessories: Standard joint with rubber buffer 2NA



Brake knee joint B23





Product Description

The B23 was developed for transfemoral prosthesis wearers with low mobility. This knee joint is extended using a spring-loaded extension mechanism. This mechanism consists of two steel springs and two wires attached to the joint and the fixation part.

PRODUCT FEATURES

Version:	Polycentric brake knee with high-quality brake unit
Item number:	BEK
Mobility level:	1 – 2
Maximum weight:	125 kg/275 lbs
Adaptation:	Adjustment core proximal and distal
Material:	stainless steel
Max. flexion:	150 degrees
Proximal height:	30 mm
Distal height:	30 mm
Weight:	540 g

Recommended alignment line (Trochanter – Knee – Ankle)



Optional Accessories

- Soft Thigh Foam Cosmetics OKS
- Waterproof Thigh Cosmetics OKW

Geriatrics locking knee





Product Description

The monocentric geriatric locking knee is a monocentric joint for patients in mobility class 1-2. It features a locking pulley that allows it to be unlocked from a locked position, as well as a rear extension mechanism that makes it easier to extend the joint.

PRODUCT FEATURES

Version:	Monocentric knee joint with advancement mechanism and spear pull
Item number:	GERK
Mobility level:	1 – 2
Maximum weight:	125 kg/275 lbs
Adaptation:	Adjustment core proximal and distal
Material:	stainless steel
Max. flexion:	120 degrees
Proximal height:	30 mm
Distal height:	60 mm
Weight:	569 g

Recommended alignment line (Trochanter – Knee – Ankle)



Optional Accessories

- Soft Thigh Foam Cosmetics OKS
- Waterproof Thigh Cosmetics OKW

Geriatrics Locking Knee Light





Product Description

The Geriatric Locking Knee Light is a monocentric joint specifically designed for prosthesis wearers in mobility classes 1-2. It is characterized by its ease of use and low weight. This joint features a locking cable that allows it to be unlocked from the locked position.

PRODUCT FEATURES

Version:	Monocentric knee joint with spear pull
Item number:	GERKL
Mobility level:	1 – 2
Maximum weight:	100 kg/220 lbs
Adaptation:	Adjustment core proximal, tube holder distal
Material:	Aluminum (Al)
Max. flexion:	150 degrees
Proximal height:	30 mm
Distal height:	50 mm
Weight:	301 g

Recommended alignment line (Trochanter – Knee – Ankle)



Optional Accessories

- Soft Thigh Foam Cosmetics OKS
- Waterproof Thigh Cosmetics OKW

Willi locking knee joint







Product Description

The Willy Speer knee joint is a waterproof monocentric knee joint designed for prosthesis wearers in mobility classes 1-2. This joint is characterized by its ease of use and low weight. It features a locking pulley that allows it to be unlocked from the locked position.

PRODUCT FEATURES

Version:	Monocentric knee joint with spear pull
Item number:	WILLI
Mobility level:	1 – 2
Maximum weight:	100 kg/220 lbs
Adaptation:	Adjustment core proximal, tube holder distal
Material:	Aluminum (Al)
Max. flexion:	150 degrees
Proximal height:	30 mm
Distal height:	50 mm
Weight:	301 g

Recommended alignment line (Trochanter – Knee – Ankle)



Optional Accessories

- Soft Thigh Foam Cosmetics OKS
- Waterproof Thigh Cosmetics OKW

Win Walker knee joint





Product Description

The WinWalker is a multifunctional polycentric prosthetic knee joint. It can be used either as a:

- Locking knee with locking cable for unlocking
- Freely movable polycentric joint. The

rearward-shifted pivot point provides high stability and more ground clearance during the swing phase.
The flexion resistance and extension speed can be individually adjusted using a built-in spring.

PRODUCT FEATURES	
Version:	Polycentric knee joint with spear pull
Item number:	WWK
Mobility level:	1 – 3
Maximum weight:	100 kg/220 lbs
Adaptation:	Adjusting core proximal, tube holder distal
Material:	Aluminum (Al)
Max. flexion:	145 degrees
Proximal height:	25 mm
Distal height:	150 mm
Weight:	630 g

Recommended alignment line (Trochanter – Knee – Ankle)

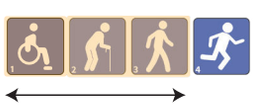


Optional Accessories

- Soft Thigh Foam Cosmetics OKS
- Waterproof Thigh Cosmetics OKW

GOFRI knee joint





Product Description

The GOFRI is a versatile, polycentric mechanical knee joint with a recessed pivot point that offers a high degree of flexibility. It can be equipped with an integrated locking mechanism as needed, or used in a free-moving version, where axial movement is unrestricted.
The integrated adjustment core adapter can be moved in an anterior-posterior (AP) direction and allows precise adjustment of the joint position to the prosthetic geometry.

Thanks to its robust construction and adaptable functionality, the GOFRI enables the user to move safely and in a controlled manner – ideal for versatile everyday use.

PRODUCT FEATURES	
Version:	Polycentric knee joint with removable spear pulley
Item number:	GOFRI
Mobility level:	1-3
Maximum weight:	120 kg/220 lbs
Adaptation:	Adjustment core proximal, tube holder distal
Material:	Aluminum (Al),
Max. flexion:	145 degrees
Proximal height:	25 mm
Distal height:	150 mm
Weight:	650 g

Recommended alignment line (Trochanter – Knee – Ankle)



Optional Accessories

- Soft Thigh Foam Cosmetics OKS
- Waterproof Thigh Cosmetics OKW

E40 Knee Joint





Product Description

The E40 is a monocentric mechanical knee joint specifically designed for users with lower activity levels. Equipped with a reliable locking mechanism, it ensures secure stability during the stance phase and supports a controlled gait.

Its robust construction and ease of use make the E40 ideal for everyday use. It offers a high level of safety and functionality while requiring little maintenance – a reliable companion in everyday life.

PRODUCT FEATURES	
Version:	Monocentric knee joint with removable spear pulley
Item number:	E40
Mobility level:	1-2
Maximum weight:	100 kg/220 lbs
Adaptation:	Adjustment core proximal, tube holder distal
Material:	Aluminum (Al)
Max. flexion:	150 degrees
Installation height:	67 mm
Total length:	119 mm
Weight:	360 g

Optional Accessories

- Soft Thigh Foam Cosmetics OKS
- Waterproof Thigh Cosmetics OKW

Recommended alignment line (Trochanter – Knee – Ankle)



E41 Knee Joint



E41-A



E-41





Product Description

The E41 is a monocentric, waterproof knee joint specifically designed for users with lower activity levels. Its mechanical locking mechanism provides reliable stability during the stance phase, ensuring safe walking in everyday life.
A special feature is the push-button release: The locking mechanism can be easily and conveniently released with a finger – ideal for controlled sitting down and greater user comfort.
Thanks to its waterproof construction, the E41 is also suitable for use in damp environments, such as the bathroom or during outdoor activities. The joint impresses with its ease of use, high suitability for everyday use, and robust construction.

Optional Accessories

- Soft Thigh Foam Cosmetics OKS
- Waterproof Thigh Cosmetics OKW

Recommended alignment line (Trochanter – Knee – Ankle)



PRODUCT FEATURES	
Version:	Monocentric knee joint with removable spear pulley
Item number:	E41 (with pyramid), E41-A (with M36x1.5 thread)
Mobility level:	1-2
Maximum weight:	100 kg/220 lbs
Adaptation:	Adjustment core proximal, tube holder distal
Material:	Aluminum (Al)
Max. flexion:	150 degrees
Installation height:	62 mm
Total length:	114 mm
Weight:	E41: 433 g, E41-A: 400 g

H30P Geolock knee joint





Product Description

The Geolock H30P knee joint is a multicentric knee joint that offers very high stability. During flexion, a translational movement is initially performed (lower leg backward, thigh forward). This translational movement then transitions into a rotational movement. Flexion of the Geolock knee joint can only be achieved by applying pressure from the ball of the prosthetic foot before the initiation of the swing phase.
The speed of extension and the flexion resistance can be individually adjusted using a pneumatic unit.

Optional Accessories

- Soft Thigh Foam Cosmetics OKS
- Waterproof Thigh Cosmetics OKW

PRODUCT FEATURES

Version:	Polycentric knee joint with pneumatic swing phase control
Item number:	H30P (adjustment core). H30PG (M36X1.5 thread)
Mobility level:	2 – 3
Maximum weight:	100 kg/220 lbs
Adaptation:	Adjustment core proximal, tube holder distal
Material:	Aluminum (Al), stainless steel
Max. flexion:	160 degrees
Installation height:	154 mm
Weight:	1030 g

Recommended alignment line
(Trochanter – Knee – Ankle)



H31P Geomobil knee joint





Product Description

The Geomobil H31P is a multi-center knee joint with a posterior pivot point that offers high stability. This joint is designed for users with medium to moderate mobility. It features a pneumatic unit in the rear section that allows for individual adjustment of the extension and flexion resistance.

PRODUCT FEATURES

Version:	Polycentric knee joint with pneumatic swing phase control
Item number:	H31P (adjustment core). H31P1 (M36X1.5 thread)
Mobility level:	2 – 3
Maximum weight:	100 kg/220 lbs
Adaptation:	Adjustment core proximal, tube holder distal
Material:	Aluminum (Al), stainless steel
Max. flexion:	160 degrees
Installation height:	154 mm
Weight:	864 g

Recommended alignment line (Trochanter – Knee – Ankle)

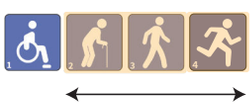


Optional Accessories

- Soft Thigh Foam Cosmetics OKS
- Waterproof Thigh Cosmetics OKW

H32P Geoactive Knee Joint





Product Description

The H32P Geomobile is a polycentric knee joint for active users of mobility levels 2 to 4. It combines high stance phase stability with dynamic gait behavior and is ideal for everyday and leisure use.

The integrated hydraulic unit allows for individual adjustment of flexion and extension resistance, achieving a harmonious and adaptable gait. The polycentric design ensures a shortened swing motion and more space in the socket area – particularly beneficial for longer residual limbs.

PRODUCT FEATURES	
Version:	Polycentric knee joint with pneumatic swing phase control
Item number:	H32P
Mobility level:	2-4
Maximum weight:	100 kg/220 lbs
Adaptation:	Adjustment core proximal, tube holder distal
Material:	Aluminum (Al),
Max. flexion:	160 degrees
Installation height:	154 mm
Weight:	806 g

Recommended alignment line (Trochanter – Knee – Ankle)



Optional Accessories

- Soft Thigh Foam Cosmetics OKS
- Waterproof Thigh Cosmetics OKW

ORS H65 hydraulic knee joint





Product Description

Our ORS H65 is designed for patients with moderate to high activity levels. It features an integrated hydraulic unit that enables precise control of swing and stance phases. Low maintenance and a compact design ensure long-lasting reliability and aesthetic integration. It features distal and proximal adjustment cores for adjusting the position. This prosthetic knee joint combines advanced technology with practical functionality for optimal everyday use.

PRODUCT FEATURES	
Version:	Polycentric knee joint with hydraulic swing phase control
Item number:	ORSH65
Mobility level:	3 – 4
Maximum weight:	100 kg/220 lbs
Adaptation:	Adjustment core proximal, tube holder distal
Material:	Aluminum (Al)
Max. flexion:	150 degrees
Installation height:	152 mm
Weight:	800 g

Recommended alignment line (Trochanter – Knee – Ankle)



Optional Accessories

- Soft Thigh Foam Cosmetics OKS
- Waterproof Thigh Cosmetics OKW

S410 Hydraulic Knee Joint with Stance Phase Flexion





Product Description

The S410 is an innovative mechanical-hydraulic knee joint specifically tailored to the needs of mobile users. A special feature is the integrated stance phase flexion, which is achieved via an adjustable rubber buffer. This dampens flexion during the stance phase in a controlled manner and enables a more natural and fluid gait pattern – especially during heel strike.

Equipped with a finely tuned hydraulic unit, the S410 allows for individual adjustment of flexion and extension resistance. This allows the joint to be optimally adapted to the wearer's activity level and requirements. The result is a safe, comfortable, and dynamic walking experience – both in everyday life and with increased mobility.

Optional Accessories

- Soft Thigh Foam Cosmetics OKS
- Waterproof Thigh Cosmetics OKW

PRODUCT FEATURES

Version:	Hydraulic knee joint with stance phase flexion
Item number:	S410
Mobility level:	2-4
Maximum weight:	20 kg/220 lbs
Adaptation:	Adjustment core proximal, adjustment core distal
Material:	Aluminum (Al),
Max. flexion:	145 degrees
Proximal height:	25 mm
Distal height:	210 mm
Weight:	998 g

Recommended alignment line
(Trochanter – Knee – Ankle)



GHX Hydraulic Knee Joint (Waterproof)





Product Description

The GXH is a waterproof, hydraulic knee joint with a polycentric design, specially developed for moderately to more active users. It combines stability, functionality, and flexibility – even for activities in wet environments.
The integrated hydraulic unit allows for individual adjustment of flexion and extension resistance to optimally adapt the joint to the user's gait and requirements. The result is harmonious, controlled movement in everyday life.
Thanks to its polycentric design, the GHX offers high stance phase stability and a shortened lower leg length during the swing phase – for greater ground clearance and a fluid gait.
Thanks to its waterproof and robust construction, the Moonlight is also ideal for use in swimming prostheses – for greater independence and activity even in wet environments.

PRODUCT FEATURES

Version:	Waterproof polycentric knee joint
Item number:	PROHW
Mobility level:	2-3
Maximum weight:	100 kg/220 lbs
Adaptation:	Adjusting core proximal, tube holder distal
Material:	Aluminum (Al), Titanium (Ti)
Max. flexion:	145 degrees
Installation height:	140 mm
Total length:	200 mm
Weight:	857

Recommended alignment line (Trochanter – Knee – Ankle)



Optional Accessories

- Soft Thigh Foam Cosmetics OKS
- Waterproof Thigh Cosmetics OKW

XH2 Hydraulic Knee Joint (Waterproof)





Product Description

The XH2 is a waterproof, hydraulic knee joint with a polycentric design, specially developed for active to highly active users (mobility levels 3-4). It combines stability, functionality, and flexibility – even during intensive activities and in damp or wet environments.
The integrated hydraulic unit enables precise adjustment of flexion and extension resistance. This allows the joint to be optimally adapted to the individual gait and requirements of the user – for controlled, dynamic movement behavior in everyday life and during sporting activities.
A special highlight of the XH2 is the integrated locking function: The joint can be manually locked using a switch. This function offers additional support and safety – especially when walking on steep slopes or uneven terrain, such as downhill.
The polycentric design also ensures high stance phase stability and a shortened lower leg length during the swing phase. The result: more ground clearance, a smoother gait, and greater safety in everyday life.

PRODUCT FEATURES	
Version:	Waterproof polycentric knee joint with hydraulic unit
Item number:	XH2
Mobility level:	2-4
Maximum weight:	125 kg/275 lbs
Adaptation:	Adjustment core proximal, adjustment core distal
Material:	Aluminum (Al), titanium (Ti), plastic
Max. flexion:	145 degrees
Installation height:	140 mm
Total length:	200 mm
Weight:	857

Recommended alignment line (Trochanter – Knee – Ankle)



Optional Accessories

- Soft Thigh Foam Cosmetics OKS
- Waterproof Thigh Cosmetics OKW

ProStride microprocessor knee joint





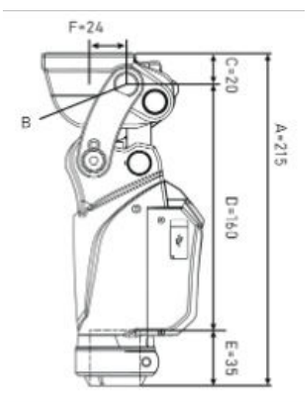
Product Description

The ProStride knee is an advanced prosthetic joint that provides users with a safe, comfortable, and energy-efficient walking experience. ProStride is a polycentric joint controlled by modern microprocessor technology. It helps users easily initiate the swing phase while conserving energy. This joint is suitable for a wide range of walking conditions and is also capable of adapting to the user over time.

PRODUCT FEATURES

Version:	Microprocessor-controlled polycentric knee joint with swing phase control
Item number:	PROSTRIDE
Mobility level:	2 – 3
Maximum weight:	125 kg / 275 lbs
Adaptation:	Adjustment core proximal, tube holder distal
Material:	Aluminum (Al)
Max. flexion:	142 degrees
Proximal height:	20 mm
Distal height:	160 mm

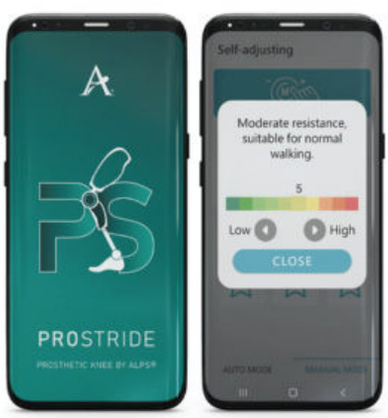
DIMENSION



- A: System height
- B: Alignment reference point
- C: Proximal abutment height to the alignment reference point
- D: Distal abutment height to the alignment reference point
- E: Tube insertion length
- F: Centering pin for alignment reference

Note: All dimensions in mm

APP



Glatter Gang

Perfektes Gleichgewicht

Sichere Verbindung mit der restlichen Prothese



Foot adapter with adjustment core

Order Example

Article Number	Material
2S	Ni

PRODUCT FEATURES

Item number:	2S
Material:	stainless steel (Ni), aluminum (Al), titanium (Ti)
Maximum weight:	125kg/lbs
Weight:	Al: 60g, Ti: 44g, Ni: 76g
Ni:	76g
Thread:	M10



Standard joint with rubber buffer 2NA

PRODUCT FEATURES

Item number:	2NA
Material:	Stainless steel
Maximum weight:	100 kg/220 lbs
Weight:	295 g
Application:	For SYNCRO standard articulated feet

Suitable for SYNCRO standard joint foot



Pipe adapter with adjusting core holder

Order Example

Article Number	Material
1RK	Ni

PRODUCT FEATURES

Item number:	1RK (short 215 mm), 1RL (long 415 mm)
Adapter material:	Titanium (Ti), Steel (Ni)
Tube material:	Aluminum in all 3 versions
Weight:	1RKNi = 195 g, 1RKTi = 159 g, 1RLNi = 293 g, 1RLTi = 260 g
Tube diameter:	30 mm
Maximum weight:	Titanium = 100 kg/275 lbs, Steel = 100 kg/275 lbs



Pipe adapter with adjusting core holder aluminum black

PRODUCT FEATURES

Item number:	1RKBAL (short 215 mm), 1RLBAL (long 415 mm)
Adapter material:	Aluminum
Tube material:	Aluminum
Weight:	1RKBAl = 154 g, 1RLBAl = 262 g
Tube diameter:	30 mm
Maximum weight:	100 kg/220 lbs





Tube adapter with adjusting core holder carbon

Order Example

Article Number	Material
1RCK	Ti

PRODUCT FEATURES

Item number:	1RCK (short 215mm), 1RCL (long 415mm)
Adapter material:	Steel (Ni), Titanium (Ti), Aluminum (Al)
Tube material:	Carbon fiber
Weight:	1RCKNi= 136 g, 1RCLNi= 224 g, 1RCKTi= 142 g, 1RCLTi= 196 g 1RCKAl= 140 g, 1RCLAl= 193 g
Maximum weight:	120 kg/275 lbs, titanium = 120 kg/275 lbs, aluminum = 100 kg/220 lbs



Pipe adapter 10 degrees angled

PRODUCT FEATURES

Item number:	1R10NI
Material:	Steel adapter, aluminum tube
Length:	325 mm
Weight:	276 g
Adaptation:	Adjusting core holder
Tube diameter:	30 mm
Maximum weight:	125 kg/220 lbs



Mini tube adapter with adjusting core holder aluminum

Order Example

Article Number	Length
MRAl	45

PRODUCT FEATURES

Item number:	MRAl
Material:	Aluminum (Al)
Lengths:	45mm, 60mm, 75mm, 85mm
Weight:	MRAl45 = 67g, MRAl60 = 76g, MRAl75 = 80g, MRAl85 = 89g
Tube diameter:	30mm
Maximum weight:	100kg/220lbs



Pipe adapter with pipe diameter 34mm (up to 130 kg)

PRODUCT FEATURES

Item number:	RK34Ni
Material:	Steel adapter, aluminum tube
Length:	415 mm
Weight:	368 g
Adaptation:	Adjusting core holder
Tube diameter:	34 mm
Maximum weight:	130 kg/285 lbs

Can be combined with screw adapter SCHR34 S.14!



Pipe adapter with adjusting core

PRODUCT FEATURES

Item number:	1RKJNI (short 215mm) 1RLJNI (long 415mm)
Material:	Steel adapter, aluminum tube
Weight:	1RKJNI = 198g, 1RLJNI = 296g
Adaptation:	Adjustment core
Tube diameter:	30mm
Maximum weight:	125kg/220lbs



Pipe adapter with short adapter part

PRODUCT FEATURES

Item number:	2RKNI (short 220mm) 2RLNI (long 420mm)
Material:	Steel adapter, aluminum tube
Weight:	2RKNI = 209g, 2RLNI = 308g
Adaptation:	Adjusting core holder
Tube diameter:	30mm
Maximum weight:	125kg/220lbs



Mini tube adapter with adjusting core holder

Order Example

Article Number	Length
MR	60

PRODUCT FEATURES

Item number:	MR
Lengths:	45mm, 60mm, 75mm
Material:	Steel (Ni)
Weight:	MR45 = 97g, MR60 = 117g, MR75 = 74g
Tube diameter:	30mm
Maximum weight:	Steel = 125 kg/275 lbs



Pipe adapter 5 mm offset aluminum

PRODUCT FEATURES

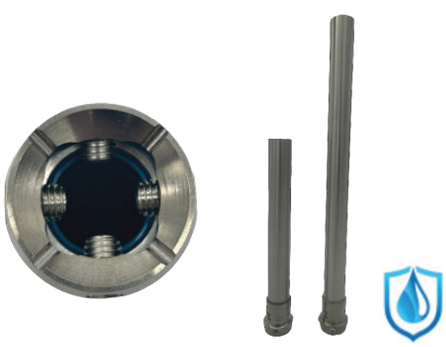
Item number:	1RV5K (short 215mm), 1RV5L (long 415mm)
Material:	Aluminum (Al)
Weight:	1RV5K = 183g, 1RV5L = 283g
Adaptation:	Adjustment core holder
Maximum weight:	100kg/220lbs



Pipe adapter 5 mm offset aluminum in one cast

PRODUCT FEATURES

Item number:	1RV5EGK (short 75mm), 1RV5EGL (long 200mm)
Material:	Aluminum (Al)
Weight:	1RV5K = 100g, 1RV5L = 184g
Adaptation:	Adjustment core holder
Maximum weight:	100kg/220lbs



Waterproof pipe adapter with drainage grooves made of titanium

PRODUCT FEATURES

Item number:	1RWKTi (short 250mm), 1RWLTi (long 400mm)
Material:	Titanium (Ti)
Weight:	1RWKTi = 197 g, 1RWLTi = 245 g
Adaptation:	Adjustment core holder
Maximum weight:	134kg/295 lbs



Clamp adapter for aluminum pipes

The clamp adapter provides greater flexibility for height adjustments. This is especially helpful for interim prostheses.

PRODUCT FEATURES

Item number:	CLAMP
Material:	Stainless steel (adapter), aluminum (pipe clamp)
Weight:	203 g
Adaptation:	Pipe holder, adjusting core holder for 30 mm pipes
Maximum weight:	100 kg/220 lbs



Aluminum tubes

PRODUCT FEATURES	
Item number:	RKAL (short 200 mm) RLAL (long 400 mm)
Material:	Aluminum
Weight:	RKAL = 98 g RLAL = 198 g
Tube diameter:	30 mm
Maximum weight:	100 kg / 220 lbs



Screw Adapter

Order Example	
Article Number	Material
SCHR	Al

PRODUCT FEATURES	
Item number:	SCHR
Material:	Stainless steel (Ni), aluminum (Al), titanium (Ti)
Weight:	SCHRNi = 117g, SCHRAl = 79g, SCHRTi = 74g
Adaptation:	Tube and core holder
Maximum weight:	Alu = 100 kg/220 lbs, titanium = 125 kg/275 lbs, steel = 125 kg/275 lbs
Tube mount:	for 30 mm diameter



Screw adapter with adjusting core

PRODUCT FEATURES	
Item number:	SCHRJ
Material:	Stainless steel (Ni)
Weight:	117 g
Adaptation:	Tube holder and adjusting core
Maximum weight:	125 kg/220 lbs
Tube mount:	for 30 mm diameter



Screw adapter 10 degrees angled

PRODUCT FEATURES

Item number:	SCHR10
Material:	Stainless steel (Ni)
Weight:	117 g
Adaptation:	Tube and core holder
Maximum weight:	125 kg/220 lbs
Tube mount:	for 30 mm diameter



Screw adapter 15 degrees angled

PRODUCT FEATURES

Item number:	SCHR15
Material:	Stainless steel (Ni)
Weight:	134 g
Adaptation:	Adjusting core holder, tube holder
For pipe diameter:	30 mm
Maximum weight:	125 kg/275 lbs



Screw adapter for pipe diameter 34mm

PRODUCT FEATURES

Item number:	SCHR34
Material:	Stainless steel (Ni)
Weight:	134 g
Adaptation:	Adjusting core holder, tube holder
For pipe diameter:	34 mm
Maximum weight:	130 kg/285 lbs



Screw adapter 5 mm offset made of aluminum

PRODUCT FEATURES

Item number:	SCHR5Al
Material:	Aluminum
Weight:	95 g
Adaptation:	Adjusting core holder, tube holder
Maximum weight:	100 kg/220 lbs
Tube mount:	for 30 mm diameter



Screw adapter 10 mm offset made of aluminum

PRODUCT FEATURES

Item number:	SCHR10Al
Material:	Aluminum
Weight:	70 g
Adaptation:	Adjusting core holder, tube holder
Maximum weight:	100 kg/220 lbs
Tube mount:	for 30 mm diameter



Waterproof titanium screw adapter with drainage grooves

PRODUCT FEATURES

Item number:	SCHRWTi
Material:	Titanium (Ti)
Weight:	64 g
Adaptation:	Adjusting core holder, tube holder
Maximum weight:	134 kg/295 lbs
Tube mount:	for 30 mm diameter



Shaft adapter with adjustment core

Order Example

Artikelnummer	Material
SCHAP	Al

PRODUCT FEATURES

Item number:	SCHAP
Material:	stainless steel (Ni), titanium (Ti), aluminum (Al)
Weight:	SCHAPNi = 111 g, SCHAPTi = 69 g, SCHAPAl = 75 g
Maximum weight:	Titanium = 125 kg/275 lbs, Steel = 125 kg/275 lbs, Aluminum = 100 kg/220 lbs



Shaft adapter with adjusting core holder

Order Example

Article Number	Material
SCHAPA	Ni

PRODUCT FEATURES

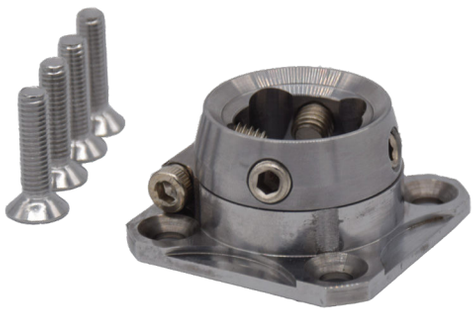
Item number:	SCHAPA
Material:	Stainless steel (Ni), titanium (Ti)
Weight:	SCHAPANi = 91 g, SCHAPATi = 53 g
Maximum weight:	Titanium = 125 kg/275 lbs, steel = 125 kg/275 lbs



Rotatable shaft adapter with adjustment core

PRODUCT FEATURES

Item number:	DRP
Material:	Stainless steel (Ni)
Weight:	148 g
Maximum weight:	125 kg/275 lbs



Rotatable shaft adapter with adjusting core holder

PRODUCT FEATURES

Item number:	DRPA
Material:	Stainless steel (Ni)
Weight:	144 g
Maximum weight:	125 kg/275 lbs



4- Loch Verschiebeadapter mit Justierkern

PRODUCT FEATURES

Item number:	SCHAPV
Material:	Stainless steel (Ni)
Weight:	243 g
Adaptation:	Adjustment core
Maximum weight:	125 kg/275 lbs



4- Loch Verschiebeadapter mit Justierkernaufnahme

PRODUCT FEATURES

Item number:	SCHAPAV
Material:	Stainless steel (Ni)
Weight:	268 g
Adaptation:	Adjusting core holder
Maximum weight:	125 kg/275 lbs



Shaft adapter with angled adjustment core

PRODUCT FEATURES

Item number:	SCHA20
Material:	Stainless steel (Ni)
Weight:	102 g
Maximum weight:	125 kg/275 lbs



Shaft adapter with laterally offset adjustment core

PRODUCT FEATURES

Item number:	SCHA45
Material:	rostfreier Stahl (Ni)
Weight:	102 g
Maximum weight:	125 kg/275 lbs



rotating shaft adapter with adjusting core holder

PRODUCT FEATURES

Item number:	ROPY
Material:	Stainless steel (Ni)
Weight:	117 g
Maximum weight:	100 kg/275 lbs

Rotation option through slotted holes!



Plate adapter with adjustment core

PRODUCT FEATURES	
Item number:	PLJU
Material:	Stainless steel (Ni)
Weight:	159 g
Adaptation:	Adjustment core, plate clamp
Maximum weight:	125 kg/275 lbs



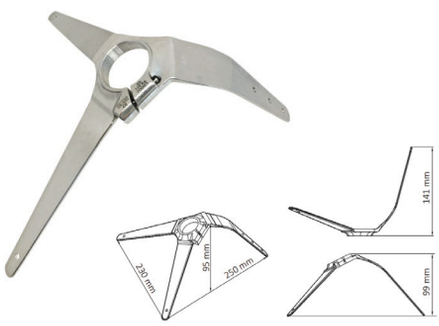
Plate adapter with adjusting core holder

PRODUCT FEATURES	
Item number:	PLJA
Material:	Stainless steel (NI)
Weight:	226 g
Adaptation:	Adjustment core holder, plate clamp
Maximum weight:	125 kg/275 lbs



Shaft Base

PRODUCT FEATURES	
Item number:	ANSA
Material:	Acrylic foam, plastic
Weight:	263 g with acrylic foam
Maximum weight:	100 kg/220 lbs



Claw adapter 3 claws long

This 3-prong adapter is specially designed for large stumps. The adapter is three times larger than a standard socket adapter.
Thanks to the material used, the large prongs can be easily bent back and forth despite their size.

PRODUCT FEATURES

Item number:	3KL
Material:	Stainless steel (Ni)
Weight:	138 g
Adaptation:	M36 x 1.5 internal thread
Maximum weight:	125 kg/275 lbs



Schaftansatz aus Holz

PRODUCT FEATURES

Item number:	ANSAH (thick), ANSAHD (thin)
Material:	Wood and plastic
Weight:	ANSAH = 335 g, ANSAHD = 207 g
Adaptation:	4-hole screw connection
Maximum weight:	125 kg/275 lbs



Cast-in anchor with adjusting core holder 4 claws

PRODUCT FEATURES

Item number:	4 kPa
Material:	stainless steel (Ni)
Weight:	72 g
Adaptation:	Adjusting core holder
Maximum weight:	125 kg/275 lbs



Cast-in anchor with adjusting core and 4 claws

Order Example

Article Number	Material
4KP	Ni

PRODUCT FEATURES

Item number:	4CP
Material:	stainless steel (Ni), titanium (Ti), aluminum (Al)
Weight:	4KPNi = 92g, 4KPTi = 69g, 4KPAl = 75g
Maximum weight:	Steel = 125 kg/275 lbs, Titanium = 125 kg/275 lbs, Aluminum = 100 kg/220 lbs



Cast-in anchor with adjusting core 4 claws rotatable

PRODUCT FEATURES

Item number:	4KPD
Material:	Stainless steel (Ni)
Weight:	153 g
Maximum weight:	125 kg/275 lbs



Cast-in anchor with adjustable core holder, 4 claws, rotatable

PRODUCT FEATURES

Item number:	4KPAD
Material:	Stainless steel (Ni)
Weight:	149 g
Maximum weight:	125 kg/275 lbs



Cast-in anchor with adjusting core and 3 claws

PRODUCT FEATURES	
Item number:	3K
Material:	stainless steel (Ni)
Weight:	144 g
Maximum weight:	125 kg/275 lbs



Rotatable cast-in anchor with adjusting core and 3 claws

PRODUCT FEATURES	
Item number:	3KPD
Material:	Stainless steel (Ni)
Weight:	192 g
Maximum weight:	125 kg/275 lbs



Rotatable sprue anchor with adjustable core holder and 3 claws

PRODUCT FEATURES	
Item number:	3KPAD
Material:	Stainless steel (Ni)
Weight:	193 g
Maximum weight:	125 kg/275 lbs



Cast-in anchor light rotatable

PRODUCT FEATURES

Item number:	4KLI
Material:	Stainless steel (Ni)
Weight:	55 g
Capacity:	M36 x 1.5 internal thread



The SYNCRO rotation adapter allows patients with transfemoral prostheses to rotate their knee 360 degrees at the touch of a button. This offers the following options for the patient:

- Makes putting on socks and shoes easier.
- Comfortable sitting, for example, cross-legged.
- Turning the forefoot to the side, for example, when driving a car, to prevent it from jamming on the pedals.

SYNCRO rotary adapter, DREHA

PRODUCT FEATURES

Item number:	DREHA
Material:	stainless steel (Ni)
Weight:	295g
Maximum weight:	125kg/275lbs



JK Adapter M36 X 1,5

Order Example

Article Number	Material
AJ	Ni

PRODUCT FEATURES

Item number:	AJ
Material:	Stainless steel (Ni), titanium (Ti)
Weight:	Steel: 75 g, titanium: 47 g
Adaptation:	Distal adjustment core, proximal M36 x 1.5 thread



JKA Adapter M36 X 1,5

Order Example

Article Number	Material
AJA	Ni

PRODUCT FEATURES

Item number:	AJA
Material:	Stainless steel: (Ni), titanium (Ti)
Weight:	78 g, titanium 50 g
Adaptation:	Distal adjustment core holder, proximal M36 x 1.5 thread



JKAI Adapter M36 x 1,5

PRODUCT FEATURES

Item number:	JKAI
Material:	Stainless steel (Ni)
Weight:	69 g
Adaptation:	Adjustment core holder, M 36 x 1.5 thread
Maximum weight:	125 kg/275 lbs
Adaptation:	Distal adjustment core holder, proximal M 36 x 1.5 thread



G15 JKA Adapter M36 x 1,5

Order Example

Article Number	Material
G15	Ni

PRODUCT FEATURES

Item number:	G15
Material:	stainless steel (Ni), titanium (Ti)
Weight:	Steel: 77g, Titanium: 49g



Double adapter adjustment core

Order Example

Article Number	Material
DOPJ	Ni

PRODUCT FEATURES

Item number:	DOPJ
Material:	Stainless steel (Ni), titanium (Ti)
Weight:	DOPJNi = 130g DOPJTi = 86g
Adaptation:	Double adjustment core
Maximum weight:	125 kg/275 lbs



Double adapter with adjusting core holder on both sides

Order Example

Article Number	Length	Material
DAP	32	Ni

PRODUCT FEATURES

Item number:	DAP
Material:	Stainless steel (Ni), titanium (Ti), aluminum (Al)
Steel weight:	DAP32Ni = 131 g, DAP45Ni = 154 g, DAP60Ni = 164 g, DAP75Ni = 182 g
Titanium weight:	DAP32Ti = 91 g, DAP45Ti = 102 g, DAP60Ti = 116 g, DAP75Ti = 128 g
Adaptation:	Double core holder
Maximum weight:	Steel = 125 kg/275 lbs, Titanium = 125 kg/275 lbs



Double adapter with adjustment core holder and adjustment core

Order Example

Article Number	Length	Material
DAPP	32	Ni

PRODUCT FEATURES

Item number:	DAPP
Material:	Stainless steel (Ni), titanium (Ti), aluminum (Al)
Steel weight:	DAPP32Ni = 130 g, DAPP45Ni = 153 g, DAPP60Ni = 163 g, DAPP75Ni = 181 g
Titanium weight:	DAPP32Ti = 89 g, DAPP45Ti = 99 g, DAPP60Ti = 113 g, DAPP75Ti = 125 g
Adaptation:	Adjustment core and adjustment core holder
Maximum weight:	Steel = 125 kg/275 lbs, Titanium = 125 kg/275 lbs



Double adapter with double-sided adjustment core holder Aluminum

Order Example

Article Number	Length
DAPAl	32

PRODUCT FEATURES

Item number:	DAP
Material:	Aluminum (Al)
Lengths:	32 mm, 45 mm, 60 mm, 75 mm
Weight:	DAPAl32 = 81 g, DAPAl45 = 101 g, DAPAl60 = 141 g, DAPAl70 = 163 g
Adaptation:	Double core holder
Maximum weight:	100 kg/220 lbs



Double adapter with adjustment core holder and aluminum adjustment core

Order Example

Article Number	Length
DAPPAl	45

PRODUCT FEATURES

Item number:	DAPPAl
Material:	Aluminum (Al)
Lengths:	45 mm, 60 mm, 75 mm
Weight:	DAPPAl45 = 105 g, DAPPAl60 = 146 g, DAPPAl70 = 168 g
Adaptation:	Adjustment core and adjustment core holder
Maximum weight:	100 kg/220 lbs



Flexio ankle joint

The Flexio is a flexible ankle joint that allows movement in all directions and thus adapts to any surface.

Order Example

Article Number	Adaptation	Buffer
FLEXI	P	1

PRODUCT FEATURES

Item number:	FLEXI
Material:	Aluminum and steel
Lengths:	Buffer 1 = 40-70 kg, Buffer 2 = 70-80 kg
Cushioning:	FLEXIP = 164 g, FLEXIR = 256 g
Adaptation:	Adjusting core (P), tube holder (R)
Maximum weight:	100 kg/220 lbs



Colorway aluminum tube adapter

Add a striking and personal touch to your dentures with our high-quality Colorway inserts. These inserts are designed not only to fit perfectly with your dentures, but also to add a special touch that reflects your personality and style.

Order Example

Article Number	Material
COR	B

PRODUCT FEATURES

Item number:	COR
Material:	Aluminum (Al)
Colors:	red (R), yellow (G), purple (L), blue (B), green (G)
Adaptation:	Core adapter
Maximum weight:	100 kg/220 lbs
Delivery time:	1-2 weeks (due to custom color design)



Colorway screw adapter made of aluminum

Order Example

Article Number	Material
COS	B

PRODUCT FEATURES

Item number:	COS
Material:	Aluminum (Al)
Colors:	red (R), yellow (G), purple (L), blue (B), green (G), pink (P)
Adaptation:	Adjusting core holder, tube holder
Maximum weight:	100 kg/220 lbs
Delivery time:	approx. 1-2 weeks (due to custom color design)



Sliding adapter with adjusting core holder and aluminum tube holder

PRODUCT FEATURES

Item number:	VPRAl
Material:	Aluminum (Al)
Installation height:	67 mm
Pipe mount:	for tube adapter diameter 30 mm
Weight:	160 g
Maximum weight:	100 kg/220 lbs
Max. displacement:	15 mm from normal position



Sliding adapter with adjusting core holder and steel pipe holder

PRODUCT FEATURES

Item number:	VPR
Material:	stainless steel (Ni)
Installation height:	67 mm
Pipe mount:	for pipe adapter diameter 30 mm
Weight:	277 g
Maximum weight:	100 kg/275 lbs
Max. displacement:	15 mm from normal position



Sliding adapter with double-sided adjustment core holder

PRODUCT FEATURES

Item number:	VPA
Material:	Stainless steel (Ni)
Length:	60 mm
Weight:	332 g
Maximum weight:	100 kg/220 lbs
Max. displacement:	15 mm from normal position



Sliding adapter M36x 1.5

Order Example

Article Number	Adaptation	Material
V36	JA	Ti

PRODUCT FEATURES

Item number:	V36
Material:	Stainless steel (Ni), titanium (Ti)
Weight:	V36JNi = 190 g, V36JTi = 115 g, V36JANi = 235 g, V36JATi = 144 g
Adaptation:	Adjustment core holder (JA) or adjustment core (J)
Maximum weight:	100 kg/220 lbs
Tube mount:	for 30 mm diameter



Sliding adapter with adjusting core holder and titanium tube holder

PRODUCT FEATURES

Item number:	VPRTi
Material:	Titanium (Ti)
Installation height:	34 mm
Pipe mount:	for 30 mm diameter tube adapter
Weight:	150 g
Maximum weight:	100 kg/220 lbs
Max. displacement:	15 mm from normal position



Claw sliding adapter with adjusting core

Order Example

Article Number	Material
4KV	Ni

PRODUCT FEATURES

Item number:	4KV
Material:	stainless steel (Ni), titanium (Ti)
Weight:	4KVNi: 240g, 4KVTi: 198g
Adaptation:	adjustment core
Maximum weight:	125kg/275lbs



Laminating dummy

PRODUCT FEATURES

Item number:	DUMMY
Material:	Plastic
Adaptation:	for adjustment core

Small parts screws



DESCRIPTION	Art. Number
Countersunk head screw M6, thread length 20.5	SENKM6



DESCRIPTION	Art. Number
Cylinder head screw M5, thread length 20.0	ZYLM5



DESCRIPTION	Art. Number
Flat head screw M6, thread length 24.5	FLAM6



DESCRIPTION	Art. Number
Wormhole screw M8, thread length 11.5	WURM8L



DESCRIPTION	Art. Number
Cylinder head screw M6, thread length 24.5	ZYLM6



DESCRIPTION	Art. Number
Wormhole screw M8, thread length 5.5	WURM8K



Adjustable sliding adapter

Order Example	
Article Number	Adaptation
ESV	J

PRODUCT FEATURES	
Item number:	ESV
Material:	Stainless steel and aluminum
Weight:	420 g
Adaptation:	Adjustment core (J), adjustment core holder (JA)
Maximum weight:	125 kg/275 lbs



Adjustable sliding adapter with cast-in disc

PRODUCT FEATURES	
Item number:	ESVE
Material:	Stainless steel and aluminum
Weight:	321 g
Adaptation:	Adjusting core holder
Maximum weight:	125 kg/275 lbs



Fillauer Shuttle Lock Pyramid

PRODUCT FEATURES

Item number:	FILLLOCK
Material:	Aluminum, plastic
Installation height:	36mm
Adaptation:	Adjusting core
Weight:	114g
Locking mechanism:	Filllock locking system
Scope of delivery:	Lock and dummy



Fillauer Shuttle Lock with screw

PRODUCT FEATURES

Item number:	FILLOCKK
Material:	Plastic
Weight:	60 g
Installation height:	25 mm
Locking mechanism:	Fillauer locking system
Scope of delivery:	Lock



Pin for shuttle lock

PRODUCT FEATURES

Item number:	PINK (short), PINL (long), PINKL (short with hole), PINLL (long with hole)
Material:	Steel
Short pin:	40 mm
Long pin:	60 mm

Suitable for Fillauer Shuttle Lock!



Shuttle Lock System Alps

PRODUCT FEATURES	
Item number:	ALPSLOCK
Material:	Stainless steel and plastic
Installation height:	46mm
Adaptation:	Adjustment core
Weight:	191g
Locking mechanism:	Clutch lock
Scope of delivery:	Lock and pin



Clutch lock with adjusting core

PRODUCT FEATURES	
Item number:	SPLOCK
Material:	Aluminum
Installation height:	37 mm
Adaptation:	Adjustable core holder
Weight:	189 g
Locking mechanism:	Clutch lock
Scope of delivery:	Lock, pin, claw, and claw dummy



Clutchlock with adjusting core holder

PRODUCT FEATURES	
Item number:	SPALOCK
Material:	Aluminum
Total length:	57 mm
Adaptation:	Adjustable core holder
Weight:	189 g
Locking mechanism:	Clutch lock
Scope of delivery:	Lock, pin, claw, and claw dummy



Pin for clutch lock

PRODUCT FEATURES	
Item number:	PINCL
Material:	Steel
Length:	45 mm



A B

FRLOCK made of titanium

The FRLOCK is a very lightweight shuttle lock with a very low installation height. It is available with an adjusting core or an adjusting core holder.

Order Example	
Article Number	Material
EVK	A

PRODUCT FEATURES	
Item number:	EVK
Shuttle Lock material:	Titanium
Adaptation:	Adjustment core holder (A), adjustment core (B)
Scope of delivery:	Lock, claw, pin, lamination dummy



Pin for FR Lock

PRODUCT FEATURES	
Item number:	PINFR
Material:	Steel
Length:	40 mm



Discharge valve BK

PRODUCT FEATURES	
Item number:	ABK
Material:	Plastic, aluminum
Weight:	9 g



Ejection valve with push button

PRODUCT FEATURES	
Item number:	SVED
Material:	Plastic
Weight:	19.5 g



Exhaust valve SVE

PRODUCT FEATURES	
Item number:	SVE
Material:	Plastic, rubber
Consists of:	Threaded part, screw part, sealing part
Weight:	25 g



eValve adhesive

The eValve is currently the smallest expulsion valve specifically designed for vacuum-filled prostheses.
This valve is designed to be glued into prosthetic sockets.
It is easy to clean and has a built-in filter to ensure longevity.

PRODUCT FEATURES

Item number:	EVK
Sizes:	Plastic, iron alloy
Material:	6 g



eValve laminate

The eValve is currently the smallest ejection valve specifically designed for vacuum-filled prostheses.
This valve is designed for lamination into prosthetic sockets.
It is easy to clean and has a built-in filter to ensure longevity.

PRODUCT FEATURES

Item number:	EVL
Material:	Plastic, iron alloy
Weight:	6 g



Thigh insertion aid EZH

PRODUCT FEATURES

Item number:	EZH (Size)
Sizes:	Smal, Medium, Large, X-Large
Material:	Plastic



Interim lock

As the name suggests, the Interim Lock is specifically designed for use in interim prostheses. It can be integrated particularly quickly and easily.

PRODUCT FEATURES

Item number:	INTLOCK
Material:	Aluminum Al
Weight:	287 g
Adaptation:	Adjustable core
Maximum weight:	125 kg/275 lbs
Scope of delivery:	2-piece lock and pin



Quick release adapters

With the Quick Release Adapter, prosthetic feet and knee joints can be exchanged in no time – completely without tools. Thanks to the integrated twist lock, the adapter part and adjustment core can be quickly and safely released or reattached. The system enables effortless component exchange, ideal for use in trial fittings, gait training, or when comparing different prosthetic components.

PRODUCT FEATURES

Item number:	QUICKR
Material:	Aluminum (Al) and stainless steel (Ni)
Weight:	254 g
Adaptation:	Adjustment core
Maximum weight:	125 kg/275 lbs



VIP Lock

With ALPS VIP™ Lock, orthotists can switch from the Pin-Lock system to the vacuum system and vice versa more quickly, with fewer adjustments to the socket.

PRODUCT FEATURES

Item number:	VIP-L1120-S
Material:	Plastic
Dimensions:	32x67mm

Optional Accessories:

- VIP Pump High Vacuum (next page)
- VIP Pump Medium Vacuum (next page)
- VIP PIN Short 3cm, Item No.: VIPK
- VIP PIN Long 4.8cm, Item No.: VIPL

VIP PUMP

SELECT THE LEVEL BASED ON:

- ACTIVITY LEVEL
- SKIN CONDITION

HIGH VACUUM (Red)
10-13 inches of mercury

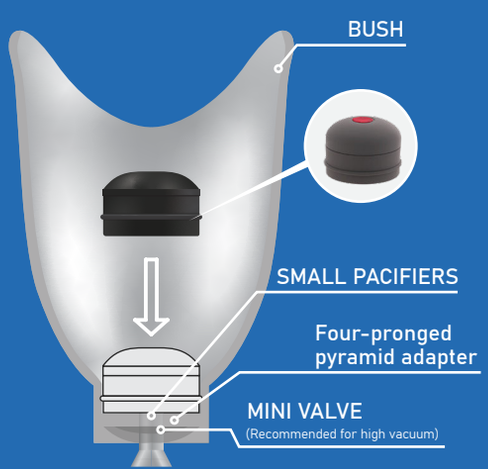


We strongly recommend using the minivalve to prevent distal distraction.

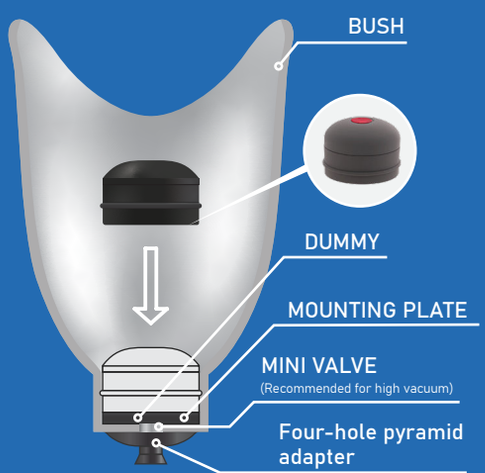
LOW VACUUM (Green)
5-8 inches of mercury



WITHOUT MOUNTING PLATE



WITH MOUNTING PLATE



PRODUCT SPECIFICATIONS

	HIGH VACUUM (RED)	LOW VACUUM PRESSURE PERFORMANCE (GREEN)
PART #	VIP - DH	VIP - DL
DIAMETER	66MM	66MM
HEIGHT	48MM	48MM
WEIGHT	75G	64G
MATERIAL	SILICON	SILICON

USE THE CODES BELOW WHEN ORDERING

PART NAME	PART #
DUMMY	VE319 - D
SMALL PACIFIERS	VE319 - SD
MOUNTING PLATE	VE819 - P
CASTLE (SMALL)	VIP-L1120-S
MINI VALVE (Highly recommended)	MV-009
MINI VALVE SET	LMV-009
PIN (1.9 inches)	VIP-92L
PIN (1.2 inches)	VIP-92S



PROFIT LINER

PFGDT / PFGFR

Features



Mobility levels



ALPS® Pro•Fit is a prosthetic liner made of OptiGel that ensures excellent adaptation to the residual limb. At the same time, the new and improved distal encapsulation allows the user a particularly secure fit, thus providing greater control, comfort, and safety.

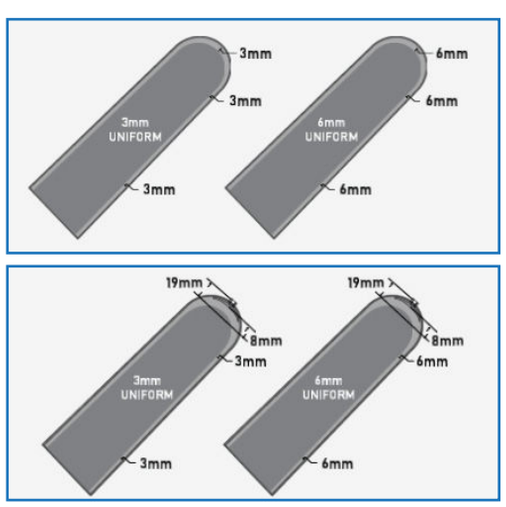


FEATURES

- Made from OptiGel, a smoother and softer texture than other liners on the market, ensuring gentle skin contact and a secure fit to the residual limb.
- Features a new, flat aluminum shield that allows for improved liner-residual interaction and increases distal cup flexibility for maximum comfort.
- Available in two uniform thicknesses, 3 mm or 6 mm. Both feature a distally thickened gel layer for improved cushioning and comfort.
- The smooth, gray outer material offers superior wear resistance and reduces piston movement thanks to its low vertical stretch.

SIZE CHART

Dimension	Locking	Cushion
16-19 cm	PFGDT16-(3 or 6)	PFGFR16-(3 or 6)
20-23 cm	PFGDT20-(3 or 6)	PFGFR20-(3 or 6)
24-25 cm	PFGDT24-(3 or 6)	PFGFR24-(3 or 6)
26-27 cm	PFGDT26-(3 or 6)	PFGFR26-(3 or 6)
28-31 cm	PFGDT28-(3 or 6)	PFGFR28-(3 or 6)
32-37 cm	PFGDT32-(3 or 6)	PFGFR32-(3 or 6)
35-37 cm	PFGDT35-(3 or 6)	PFGFR35-(3 or 6)
38-43 cm	PFGDT38-(3 or 6)	PFGFR38-(3 or 6)
44-53 cm	PFGDT44-(3 or 6)	PFGFR44-(3 or 6)



Measure the circumference of the stump 6 cm above the distal end.

US Patent No. 6,454,812

SOFTSIL LINER

SSGSL / SSGSC

Features



Mobility levels



The ALPS® SoftSil Liner offers the same medical-grade properties as our popular Silicone Pro, but with enhanced features. Made from OptiSil, our new soft white silicone and gray knit fabric, the liner effectively provides a high degree of control and excellent range of motion without sacrificing comfortable prosthesis support.

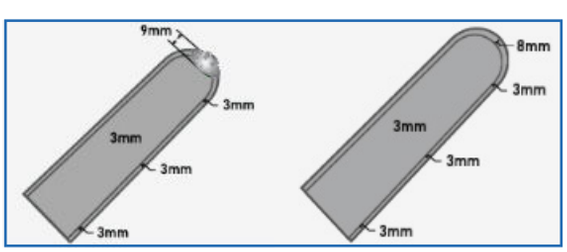


FEATURES

- Medical-grade white silicone with only one-fifth the friction of conventional silicone offers superior comfort.
- Reduced vertical stretch gives the wearer greater control and freedom of movement.
- Reduced piston movement.
- Skin-friendly.
- Thin, lightweight, and cooling.

SIZE CHART

Dimension	Locking 3.0 MM	Cushion 3.0 MM
16-19 cm	SSGSL-20	SSGSC-20
20-23 cm	SSGSL-22	SSGSC-22
24-25 cm	SSGSL-24	SSGSC-24
26-27 cm	SSGSL-26	SSGSC-26
28-29 cm	SSGSL-28	SSGSC-28
30-31 cm	SSGSL-30	SSGSC-30
32-34 cm	SSGSL-32	SSGSC-32
35-37 cm	SSGSL-35	SSGSC-35
38-40 cm	SSGSL-38	SSGSC-38
41-43 cm	SSGSL-41	SSGSC-41
44-47 cm	SSGSL-44	SSGSC-44



Measure the circumference of the stump 6cm above the distal end.

US Patent No. 6,454,812

EASYLINER

ELFR / ELDT

Features



Mobility levels



ALPS EasyLiner is a gel liner containing antioxidants, which effectively scavenger free radicals and hydroxyl groups.
This prevents inflammation on the residual limb and has a soothing effect.
This liner combines softness and elasticity and is especially recommended for diabetics.



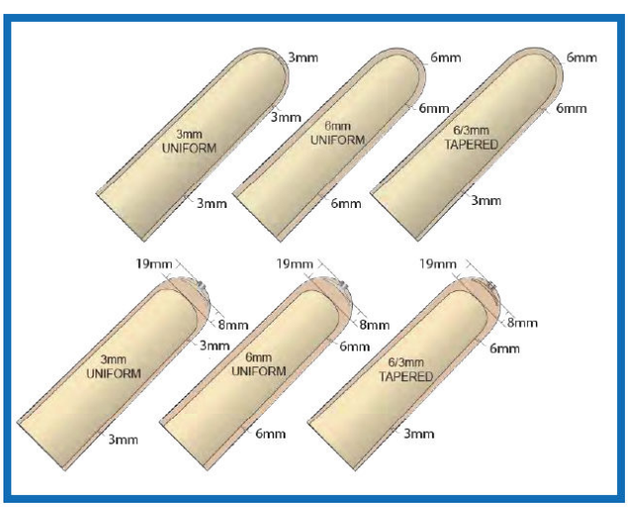
FEATURES AND APPLICATIONS

- High-performance fabric improves durability
- Contains antioxidants for use on residual limbs with sensitive skin
- Low coefficient of friction relieves skin from shear forces
- Also available in a tapered version, from 6 mm distal to 3 mm proximal
- Available only in 9 mm for sizes 24 and 28

SIZE CHART

Dimension	Locking	Cushion
16-19 cm	ELDT16-(3 or 6 or 6/3)	ELFR16-(3 or 6 or 6/3)
20-23 cm	ELDT20-(3 or 6 or 6/3)	ELFR20-(3 or 6 or 6/3)
24-25 cm	ELDT24-(3, 6, 6/3 or 9)	ELFR24-(3, 6, 6/3 or 9)
26-27 cm	ELDT26-(3 or 6 or 6/3)	ELFR26-(3 or 6 or 6/3)
28-31 cm	ELDT28-(3, 6, 6/3 or 9)	ELFR28-(3, 6, 6/3 or 9)
32-37 cm	ELDT32-(3 or 6 or 6/3)	ELFR32-(3 or 6 or 6/3)
38-43 cm	ELDT38-(3 or 6 or 6/3)	ELFR38-(3 or 6 or 6/3)
44-52 cm	ELDT44-(3 or 6 or 6/3)	ELFR44-(3 or 6 or 6/3)

Measure the circumference of the stump 6 cm above the distal end. For more information on selecting the liner size, see page 10.



US Patent No. 6,454,812

EXTREME LINER

AKFR / AKFRHD
AKDT / AKDTHD

Features



Mobility levels



ALPS Extreme™ Liner is a Grip Gel prosthetic liner that provides excellent adhesion to the residual limb and improves prosthesis control without compromising comfort.
Recommended for users of transfemoral and transtibial prostheses with moderate activity levels and good skin condition who value good control of their prosthetic leg.

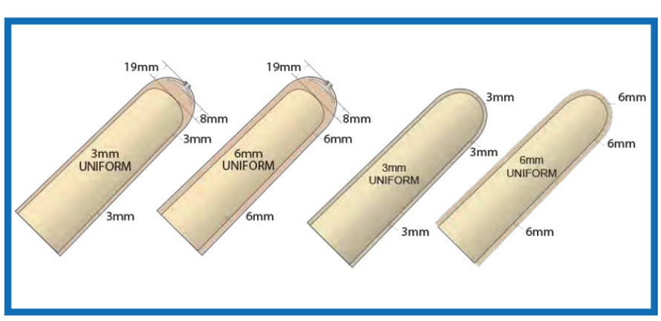


FEATURES

- Available with high-density or grip gel.
- Limited vertical stretch reduces the movement of excess tissue and provides better control of the prosthesis.
- High circumferential stretch supports a body-hugging fit.
- The distal ends are proportional to the liner size to facilitate donning. It is suitable for both upper and lower leg stumps.

SIZE CHART

Dimension	Locking	Cushion
16-19 cm	AKDT(HD)16-(3 or 6)	AKFR(HD)16-(3 or 6)
20-23 cm	AKDT(HD)20-(3 or 6)	AKFR(HD)20-(3 or 6)
24-25 cm	AKDT(HD)24-(3 or 6)	AKFR(HD)24-(3 or 6)
26-27 cm	AKDT(HD)26-(3 or 6)	AKFR(HD)26-(3 or 6)
28-31 cm	AKDT(HD)28-(3 or 6)	AKFR(HD)28-(3 or 6)
32-37 cm	AKDT(HD)32-(3 or 6)	AKFR(HD)32-(3 or 6)
38-43 cm	AKDT(HD)38-(3 or 6)	AKFR(HD)38-(3 or 6)
44-52 cm	AKDT(HD)44-(3 or 6)	AKFR(HD)44-(3 or 6)



Measure the circumference of the stump 6 cm above the distal end.

US Patent No. 6,454,812

SILICONE PRO LINER

LSC / LSL

Features



Mobility levels



ALPS Silicone PRO is a prosthetic liner made of silicone. This innovative, skin-friendly, medical-grade silicone has a low coefficient of friction, making it soft to the skin of the residual limb. It is recommended for residual limbs with excess tissue and for those with transfemoral prostheses. It is also recommended for absorbing excessive sweating and for users living in warm climates.

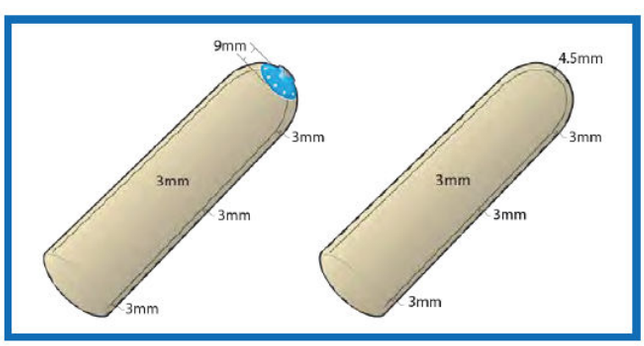


FEATURES

- One-fifth the friction of regular silicone
- Skin-friendly, thin-walled material
- Reduced piston movement without distal restriction
- Coated with ALPS knit fabric for greater freedom of movement
- Lightweight
- Cooling effect

SIZE CHART

Dimension	Locking	Cushion
20-22 cm	LSL3.0-20	LSC3.0-20
22-24 cm	LSL3.0-22	LSC3.0-22
24-26 cm	LSL3.0-24	LSC3.0-24
26-28 cm	LSL3.0-.26	LSC3.0-.26
28-30 cm	LSL3.0-28	LSC3.0-28
30-32 cm	LSL3.0-30	LSC3.0-30
32-35 cm	LSL3.0-32	LSC3.0-32
35-38 cm	LSL3.0-35	LSC3.0-35
38-41 cm	LSL3.0-38	LSC3.0-38
41-44 cm	LSL3.0-41	LSL3.0-41
44-47 cm	LSL3.0-44	LSL3.0-44



Measure the circumference of the stump 6 cm above the distal end.

SMART SEAL LINER

AKFR / AKFRHD
AKDT / AKDTHD

Features



Mobility levels



The Smart Seal™ liner includes integrated, silicone-coated inserts that create a vacuum in the distal region of the socket. The inserts fit snugly against the socket wall and prevent the liner from slipping. The HD Gel inner layer, thanks to its low modulus of elasticity, easily adapts to the residual limb shape without compromising circulation. Available in two versions with different insert heights.



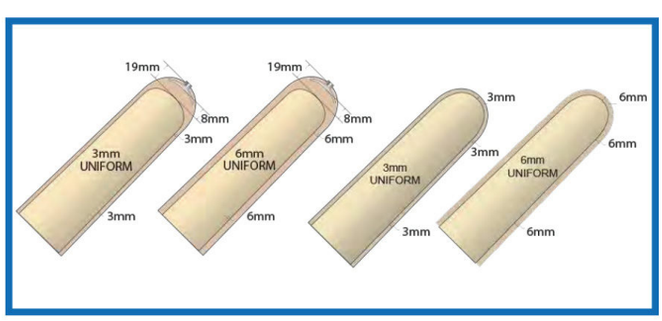
FEATURES AND APPLICATIONS

- The rings are coated with silicone, making them more durable.
- Innovative one-piece construction.
- Available only in high-density gel.
- SAFR: The rings begin approximately 12.5 cm from the center of the distal end.
- SBFR: The rings begin approximately 7.5 cm from the center of the distal end.
- SADT: Sizes 20–30: The rings begin approximately 7.5 cm from the center of the distal end.
- SADT: Sizes 32–38: The rings begin approximately 12.7 cm from the center of the distal end.

SIZE CHART

Dimension	Locking	Cushion
20-23 cm	SADT20-(3 or 6)	---
24-25 cm	SADT24-(3 or 6)	---
26-27 cm	SADT26-(3 or 6)	SAFR26-(3 or 6)
28-31 cm	SADT28-(3 or 6)	SAFR28-(3 or 6)
32-34 cm	SADT32-(3 or 6)	SAFR32-(3 or 6)
35-37 cm	---	SAFR35-(3 or 6)
38-43 cm	SADT38-(3 or 6)	SAFR38-(3 or 6)

Dimension	Cushion
20-23 cm	SBFR20-(3 or 6)
24-25 cm	SBFR24-(3 or 6)
26-27 cm	SBFR26-(3 or 6)
28-31 cm	SBFR28-(3 or 6)



Measure the circumference of the stump 6 cm above the distal end.

SUPERIOR SUSPENSION KNEE CAP

SFB / SFBHD

Features



Mobility levels



The ALPS Superior Suspension Knee Sleeve offers excellent comfort thanks to the ALPS Gel. The gel conforms to the user's skin to ensure a secure fit without compromising circulation or causing shear forces. With its thin wall thickness, the SFB Knee Sleeve is the ideal solution for users who value a less bulky support.



FEATURES AND APPLICATIONS

- Available with Grip Gel or High Density Gel (HD)
- Available in a uniform thickness of 2 mm
- Freedom of knee flexion
- Provides secure suspension

SIZE CHART

Dimension	2 mm
25-30 cm	SFB(HD)20-2 (S)
31-34 cm	SFB(HD)24-2 (M)
35-37 cm	SFB(HD)26-2 (M+)
38-40 cm	SFB(HD)28-2 (L)
41-45 cm	SFB(HD)32-2 (XL)

Measure your leg circumference 10 cm above the leg, mid-knee.
Select your sleeve size.



SYNCRO stump stockings

SYNCRO MED stump stockings are extremely popular in traditional prosthetics. These high-quality knitwear is manufactured exclusively in Germany and Austria and uses premium fibers. Compared to less expensive fibers, they offer superior quality in both structure and comfort.

PRODUCT FEATURES

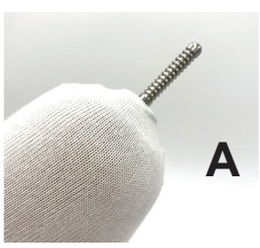
- High elasticity
- Custom color design possible
- Highest-quality materials
- Custom-made if necessary
- High wearing comfort
- Various designs available
- Available in 4 different thicknesses
- Available for TT and TF stumps



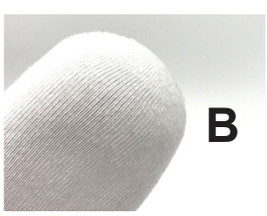
STRENGTHEN

1) Extra-thin nylon
2) Thin cotton
3) Thick terry cloth
4) Extra-thick wool terry cloth

VERSIONS



A) With silicone hole



B) Closed distally

Lower leg stump stockings (TT)

Terry cloth (thick)

Article Number	Length	Maximum Stretch	Color
903-25	25cm	60cm	weiß
903-30	30cm	60cm	weiß
903-35	35cm	60cm	weiß
903-40	40cm	60cm	weiß

Terry cloth (thick) with silicone hole

Article Number	Length	Maximum Stretch	Color
903-1-25	25cm	60cm	white
903-1-30	30cm	60cm	white
903-1-35	35cm	60cm	white
903-1-40	40cm	60cm	white

Cotton/smooth (thin)

Article Number	Length	Maximum Stretch	Color
902-25	25cm	55cm	white
902-30	30cm	55cm	white
902-35	35cm	55cm	white
902-40	40cm	55cm	white

Cotton/smooth (thin) with silicone hole

Article Number	Length	Maximum Stretch	Color
902-1-25	25cm	55cm	white
902-1-30	30cm	55cm	white
902-1-35	35cm	55cm	white
902-1-40	40cm	55cm	white

Nylon (extra thin)

Article Number	Length	Maximum Stretch	Color
906-25	25cm	55cm	white
906-30	30cm	55cm	white
906-35	35cm	55cm	white
906-40	40cm	55cm	white

Nylon (extra thin) with silicone hole

Article Number	Length	Maximum Stretch	Color
906-1-25	25cm	55cm	white
906-1-30	30cm	55cm	white
906-1-35	35cm	55cm	white
906-1-40	40cm	55cm	white

Wool terry cloth (extra thick)

Article Number	Length	Maximum Stretch	Color
904-25	25cm	60cm	raw white
904-30	30cm	60cm	raw white
904-35	35cm	60cm	raw white
904-40	40cm	60cm	raw white

Wool terry cloth (extra thick) with silicone hole

Article Number	Length	Maximum Stretch	Color
904-1-25	25cm	60cm	raw white
904-1-30	30cm	60cm	raw white
904-1-35	35cm	60cm	raw white
904-1-40	40cm	60cm	raw white

Lower leg stump stockings for volume compensation

Distal cotton (thin), proximal terry cloth (thick)

Article Number	Length	Maximum Stretch	Color
916-25	25cm	55cm	white
916-30	30cm	55cm	white
916-35	35cm	55cm	white
916-40	40cm	55cm	white

Distal cotton (thin), proximal terry cloth (thick) with silicone hole

Article Number	Length	Maximum Stretch	Color
916-1-25	25cm	55cm	white
916-1-30	30cm	55cm	white
916-1-35	35cm	55cm	white
916-1-40	40cm	55cm	white

Distal terry cloth (thick), proximal cotton (thin)

Article Number	Length	Maximum Stretch	Color
917-25	25cm	55cm	white
917-30	30cm	55cm	white
917-35	35cm	55cm	white
917-40	40cm	55cm	white

Distal terry cloth (thick), proximal cotton (thin) with silicone hole

Article Number	Length	Maximum Stretch	Color
917-1-25	25cm	55cm	white
917-1-30	30cm	55cm	white
917-1-35	35cm	55cm	white
917-1-40	40cm	55cm	white

Distal nylon (extra thin), proximal terry cloth (thick)

Article Number	Length	Maximum Stretch	Color
918-25	25cm	55cm	raw white
918-30	30cm	55cm	raw white
918-35	35cm	55cm	raw white
918-40	40cm	55cm	raw white

Distal nylon (extra thin), proximal terry cloth (thick) with silicone hole

Article Number	Length	Maximum Stretch	Color
918-1-25	25cm	55cm	raw white
918-1-30	30cm	55cm	raw white
918-1-35	35cm	55cm	raw white
918-1-40	40cm	55cm	raw white

Thigh stump stockings (TF)

Terry cloth (thick)

Article Number	Length	Maximum Stretch	Color
OS903-25	25cm	65cm	white
OS903-30	30cm	65cm	white
OS903-35	35cm	65cm	white
OS903-40	40cm	55cm	white

Terry cloth (thick) with silicone hole

Article Number	Length	Maximum Stretch	Color
OS903-1-25	25cm	65cm	white
OS903-1-30	30cm	65cm	white
OS903-1-35	35cm	65cm	white
OS903-1-40	40cm	55cm	white

cotton (thin)

Article Number	Length	Maximum Stretch	Color
OS901-25	25cm	65cm	white
OS901-30	30cm	65cm	white
OS901-35	35cm	65cm	white
OS901-40	40cm	55cm	white

Cotton/smooth (thin) with silicone hole

Article Number	Length	Maximum Stretch	Color
OS901-1-25	25cm	65cm	white
OS901-1-30	30cm	65cm	white
OS901-1-35	35cm	65cm	white
OS901-1-40	40cm	55cm	white

Nylon (extra thin)

Article Number	Length	Maximum Stretch	Color
OS906-25	25cm	65cm	rohweiß
OS906-30	30cm	65cm	rohweiß
OS906-35	35cm	65cm	rohweiß
OS906-40	40cm	55cm	rohweiß

Nylon (extra thin) with silicone hole

Article Number	Length	Maximum Stretch	Color
OS906-1-25	25cm	65cm	raw white
OS906-1-30	30cm	65cm	raw white
OS906-1-35	35cm	65cm	raw white
OS906-1-40	40cm	55cm	raw white



Mechanical hand with movable fingers.

PRODUCT FEATURES

Item number:	Aluminum + plastic shell
Weight:	170g
Thread:	M12

Artikelnummer	Page	Size	Weight
S4B71L	Left	18,41 cm	170 g
S4B71R	Right	18,41 cm	170 g
S4B73L	Left	19,68 cm	170 g
S4B73R	Right	19,68 cm	170 g
S4B81L	Left	20,95 cm	170 g
S4B81R	Right	30,95 cm	170 g



Modular elbow for integration into upper arm prostheses.

PRODUCT FEATURES

Item number:	ELBMOD
Material:	High-strength aluminum alloy
Weight:	210 g
Thread:	M12x1.5 or 1/2"-20



Modular elbow for shoulder disarticulation. With passive angle locking and 7 locking positions.

Order example

Article Number	Diameter
SCHU	L

PRODUCT FEATURES

Material:	High-strength aluminum alloy
Weight:	373 g
Thread:	M12x1.5 or 1/2"-20

eSkin active glove natural male

The eSkin Active Glove Natural sets new standards for active arm prostheses, such as those used in conjunction with myohands. It is available in 18 lifelike colors and is constructed from multi-layered materials. This glove is also highly flexible and extremely durable.



PRODUCT FEATURES

Colors:	1-18
Adaptation:	Aktiv Hand
Material:	PVC

Artikelnummer	Page	Size	Length	Scope dist. End
S46N71L	Left	18,41 cm	300 mm	300 mm
S46N73L	Left	19,68 cm	320 mm	320 mm
S46N80L	Left	20,32 cm	225 mm	225 mm
S46N81L	Left	20,95 cm	350 mm	350 mm
S46N71R	Right	18,41 cm	300 mm	300 mm
S46N73R	Right	19,68 cm	320 mm	320 mm
S46N80R	Right	20,32 cm	225 mm	225 mm
S46N81R	Right	20,95 cm	350 mm	350 mm

eSkin active glove natural female

The eSkin Active Glove Natural sets new standards for active arm prostheses, such as those used in conjunction with myohands. It is available in 18 lifelike colors and is constructed from multi-layered materials. This glove is also highly flexible and extremely durable.



PRODUCT FEATURES

Colors:	1-18
Adaptation:	Aktiv Hand
Material:	PVC

Artikelnummer	Page	Size	Length	Scope dist. End
S47N70L	Left	17,78 cm	280 mm	242 mm
S47N71L	Left	18.41 cm	460 mm	250 mm
S47N70R	Right	17,78 cm	280 mm	242 mm
S47N71R	Right	18.41 cm	460 mm	250 mm

eSkin active glove standard male

The eSkin Cosmetic Standard Glove is made of high-quality polyvinyl chloride (PVC) and provides prosthetics with a natural appearance, durability, and flexibility at a very low cost. It is available in 18 standard colors and can be supplied in both active and passive versions (active for myohands, for example, and passive for passive prosthetic hands).



PRODUCT FEATURES

Colors:	1-18
Adaptation:	aktiv Hand
Material:	PVC

Artikelnummer	Page	Size	Length	Scope dist. End
S46S71L	Left	18,41 cm	300 mm	230 mm
S46S73L	Left	19,68 cm	320 mm	250 mm
S46S80L	Left	20,32 cm	225 mm	210 mm
S46S81L	Left	20,95 cm	350 mm	260 mm
S46S71R	Right	18,41 cm	300 mm	230 mm
S46S73R	Right	19,68 cm	320 mm	250 mm
S46S80R	Right	20,32 cm	225 mm	210 mm
S46S81R	Right	20,95 cm	350 mm	260 mm

eSkin active glove standard female.

The eSkin Cosmetic Standard Glove is made of high-quality polyvinyl chloride (PVC) and provides prosthetics with a natural appearance, durability, and flexibility at a very low cost. It is available in 18 standard colors and can be supplied in both active and passive versions (active for myohands, for example, and passive for passive prosthetic hands).



PRODUCT FEATURES

Colors:	1-18
Adaptation:	aktiv Hand
Material:	PVC

Artikelnummer	Page	Size	Length	Scope dist. End
S47S70L	Left	17,78 cm	280 mm	242 mm
S47S71L	Left	18.41 cm	460 mm	250 mm
S47S70R	Right	17,78 cm	280 mm	242 mm
S47S71R	Right	18.41 cm	460 mm	250 mm



eSkin passive hand male

The eSkin male passive hand is a lightweight and durable hand with flexible fingers, giving prosthetics a natural appearance. The hand is designed to be worn under the eSkin cosmetic glove.

Features

- Shapes the cosmetic glove
- Flexible fingers can be bent into any position
- M12x1.5 plastic internal thread
- Optional external thread

Material: Plastic and foam

Art. No. Hand	Art. No. Glove	Page	Model	Circumferential metacarpal bones	Middle finger length	Circumferential wrist
S44P03L00	S44*03L**	Left	03	195 mm	76 mm	162 mm
S44P05L00	S44*05L**	Left	05	206 mm	80 mm	184 mm
S44P07L00	S44*07L**	Left	07	197 mm	80 mm	166 mm
S44P10L00	S44*10L**	Left	10	201 mm	81 mm	175 mm
S44P13L00	S44*13L**	Left	13	218 mm	75 mm	180 mm
S44P14L00	S44*14L**	Left	14	210 mm	77 mm	189 mm
S44P16L00	S44*16L**	Left	16	224 mm	73 mm	180 mm
S44P19L00	S44*19L**	Left	19	223 mm	76 mm	187 mm
S44P03R00	S44*03R**	Right	03	196 mm	76 mm	166 mm
S44P05R00	S44*05R**	Right	05	205 mm	80 mm	185 mm
S44P07R00	S44*07R**	Right	07	205 mm	82 mm	168 mm
S44P10R00	S44*10R**	Right	10	206 mm	85 mm	175 mm
S44P13R00	S44*13R**	Right	13	214 mm	75 mm	180 mm
S44P14R00	S44*14R**	Right	14	208 mm	78 mm	181 mm
S44P16R00	S44*16R**	Right	16	218 mm	79 mm	173 mm
S44P19R00	S44*19R**	Right	19	223 mm	76 mm	189 mm



eSkin passive hand female

The eSkin Passive Hand (male) is a lightweight and durable hand with flexible fingers, giving prosthetics a natural appearance. The hand is designed to be worn under the eSkin Cosmetic Glove.

Features

- Shapes the cosmetic glove
- Flexible fingers can be bent into any position
- M12x1.5 plastic internal thread
- Optional external thread

Material: Plastic and foam

Art. No. Hand	Art. No. Glove	Page	Model	Circumferential metacarpal bones	Middle finger length	Circumferential wrist
S45P02L00	S45*02L**	Left	02	172 mm	67 mm	151 mm
S45P05L00	S45*05L**	Left	05	180 mm	66 mm	149 mm
S45P08L00	S45*08L**	Left	08	185 mm	77 mm	163 mm
S45P11L00	S45*11L**	Left	11	186 mm	69 mm	154 mm
S45P13L00	S45*13L**	Left	13	195 mm	69 mm	165 mm
S45P02R00	S45*02R**	Right	02	170 mm	67 mm	148 mm
S45P05R00	S45*05R**	Right	05	181 mm	69 mm	153 mm
S45P08R00	S45*08R**	Right	08	185 mm	76 mm	160 mm
S45P11R00	S45*11R**	Right	11	189 mm	72 mm	163 mm
S45P13R00	S45*13R**	Right	13	194 mm	73 mm	167 mm



eSkin passive glove natural male

The eSkin Passive Glove Natural sets new standards for passive arm prostheses. It is available in 18 lifelike colors and is constructed from multi-layered materials. This glove is also highly flexible and extremely durable.

PRODUCT FEATURES

Colors:	1-18
Adaptation:	eSkin Passive Hand
Material:	PVC

Art. No. Hand	Art. No. Glove	Page	Model	Circumferential metacarpal bones	Middle finger length	Circumferential wrist
S44N03L00	S44P03L00	Left	03	195 mm	76 mm	162 mm
S44N05L00	S44P05L00	Left	05	206 mm	80 mm	184 mm
S44N07L00	S44P07L00	Left	07	197 mm	80 mm	166 mm
S44N10L00	S44P10L00	Left	10	201 mm	81 mm	175 mm
S44N13L00	S44P13L00	Left	13	218 mm	75 mm	180 mm
S44N14L00	S44P14L00	Left	14	210 mm	77 mm	189 mm
S44N16L00	S44P16L00	Left	16	224 mm	73 mm	180 mm
S44N19L00	S44P19L00	Left	19	223 mm	76 mm	187 mm
S44N03R00	S44P03R00	Right	03	196 mm	76 mm	166 mm
S44N05R00	S44P05R00	Right	05	205 mm	80 mm	185 mm
S44N07R00	S44P07R00	Right	07	205 mm	82 mm	168 mm
S44N10R00	S44P10R00	Right	10	206 mm	85 mm	175 mm
S44N13R00	S44P13R00	Right	13	214 mm	75 mm	180 mm
S44N14R00	S44P14R00	Right	14	208 mm	78 mm	181 mm
S44N16R00	S44P16R00	Right	16	218 mm	79 mm	173 mm
S44N19R00	S44P19R00	Right	19	223 mm	76 mm	189 mm



eSkin Cosmetic Passive Glove Natural Female

The eSkin Passive Glove Natural sets new standards for passive arm prostheses. It is available in 18 lifelike colors and is constructed from multi-layered materials. This glove is also highly flexible and extremely durable.

PRODUCT FEATURES

Colors:	1-18
Adaptation:	eSkin Passive Hand
Material:	PVC

Art. No. Hand	Art. No. Glove	Page	Model	Circumferential metacarpal bones	Middle finger length	Circumferential wrist
S45P02L00	S45N02L**	Left	02	172 mm	67 mm	151 mm
S45P05L00	S45N05L**	Left	05	180 mm	66 mm	149 mm
S45P08L00	S45N08L**	Left	08	185 mm	77 mm	163 mm
S45P11L00	S45N11L**	Left	11	186 mm	69 mm	154 mm
S45P13L00	S45N13L**	Left	13	195 mm	69 mm	165 mm
S45P02R00	S45N02R**	Right	02	170 mm	67 mm	148 mm
S45P05R00	S45N05R**	Right	05	181 mm	69 mm	153 mm
S45P08R00	S45N08R**	Right	08	185 mm	76 mm	160 mm
S45P11R00	S45N11R**	Right	11	189 mm	72 mm	163 mm
S45P13R00	S45N13R**	Right	13	194 mm	73 mm	167 mm



eSkin Cosmetic passive shoe standard male.

The eSkin Cosmetic Standard Glove is made of high-quality polyvinyl chloride (PVC) and provides prosthetics with a natural appearance, durability, and flexibility at a very low cost. It is available in 18 standard colors and can be supplied in both active and passive versions (active for myohands, for example, and passive for passive prosthetic hands).

PRODUCT FEATURES

Colors:	1-18
Adaptation:	eSkin passive hand
Material:	PVC

Art. No. Hand	Art. No. Glove	Page	Model	Circumferential metacarpal bones	Middle finger length	Circumferential wrist
S44P03L00	S44S03L**	Left	03	195 mm	76 mm	162 mm
S44P05L00	S44S05L**	Left	05	206 mm	80 mm	184 mm
S44P07L00	S44S07L**	Left	07	197 mm	80 mm	166 mm
S44P10L00	S44S10L**	Left	10	201 mm	81 mm	175 mm
S44P13L00	S44S13L**	Left	13	218 mm	75 mm	180 mm
S44P14L00	S44S14L**	Left	14	210 mm	77 mm	189 mm
S44P16L00	S44S16L**	Left	16	224 mm	73 mm	180 mm
S44P19L00	S44S19L**	Left	19	223 mm	76 mm	187 mm
S44P03R00	S44S03R**	Right	03	196 mm	76 mm	166 mm
S44P05R00	S44S05R**	Right	05	205 mm	80 mm	185 mm
S44P07R00	S44S07R**	Right	07	205 mm	82 mm	168 mm
S44P10R00	S44S10R**	Right	10	206 mm	85 mm	175 mm
S44P13R00	S44S13R**	Right	13	214 mm	75 mm	180 mm
S44P14R00	S44S14R**	Right	14	208 mm	78 mm	181 mm
S44P16R00	S44S16R**	Right	16	218 mm	79 mm	173 mm
S44P19R00	S44S19R**	Right	19	223 mm	76 mm	189 mm



eSkin Cosmetic passive glove standard female.

The eSkin Cosmetic Standard Glove is made of high-quality polyvinyl chloride (PVC) and provides prosthetics with a natural appearance, durability, and flexibility at a very low cost. It is available in 18 standard colors and can be supplied in both active and passive versions (active for myohands, for example, and passive for passive prosthetic hands).

PRODUCT FEATURES

Colors:	1-18
Adaptation:	eSkin passiv Hand
Material:	PVC

Art. No. Hand	Art. No. Glove	Page	Model	Circumferential metacarpal bones	Middle finger length	Circumferential wrist
S45N02L**	S45P02L00	Left	02	172 mm	67 mm	151 mm
S45N05L**	S45P05L00	Left	05	180 mm	66 mm	149 mm
S45N08L**	S45P08L00	Left	08	185 mm	77 mm	163 mm
S45N11L**	S45P11L00	Left	11	186 mm	69 mm	154 mm
S45N13L**	S45P13L00	Left	13	195 mm	69 mm	165 mm
S45N02R**	S45P02R00	Right	02	170 mm	67 mm	148 mm
S45N05R**	S45P05R00	Right	05	181 mm	69 mm	153 mm
S45N08R**	S45P08R00	Right	08	185 mm	76 mm	160 mm
S45N11R**	S45P11R00	Right	11	189 mm	72 mm	163 mm
S45N13R**	S45P13R00	Right	13	194 mm	73 mm	167 mm



1322 Elbow joint

The 1322 Elbow Joint is a mechanical joint for users of an upper arm prosthesis.

Features

• 13 locking positions • Flexion 130°

Order example	
Article Number	Color (light), (dark)
ELB	H

PRODUCT FEATURES	
Item number:	ELB
Material:	Plastic shell + aluminum parts
Weight:	355 g
Thread:	M12



eFlexion wrist

The eFlexion wrist is a strong and lightweight wrist with an M12 x 1.5 thread and a 20 mm diameter pipe clamp. It can be used with the eSkin passive hand.

Features

• Friction is adjustable
• The wrist can be angled ± 35°
• The wrist can be rotated 360°

PRODUCT FEATURES	
Item number:	WING
Material:	High-strength aluminum alloy
Weight:	34 g



eFlexion wrist connection

PRODUCT FEATURES	
Material:	Aluminum
Connection:	Steel thread: M12

Dimensions and Item Numbers

Item number	Weight	Outer diameter
S4-42	83 g	42 mm
S4-48	101 g	48 mm
S4-50	105 g	50 mm



Shuttle Lock for upper extremities

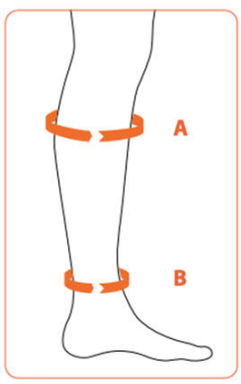
PRODUCT FEATURES

Item number:	UPLOCK
Weight:	45 g
Material:	Aluminum and steel
Scope of delivery:	Lock, pin, and snap fastener

Cosmetics

The eSkin leg cover sets a new standard for cosmetic leg coverings. eSkin uses the latest innovation in high-quality synthetic plastic polymer. With its multi-layer construction and integrated fibers, this leg cover looks highly realistic. The eSkin leg cover is very flexible and easy to install. Furthermore, it is dirt-resistant and easy to clean with soap and water. For authentic realism, the eSkin leg cover is available in 18 lifelike colors. You can choose between a standard or split toe.





Features

- 18 colors
- Multi-layered construction with fibers for a lifelike appearance
- Standard or split toe
- Durable and stain-resistant, easy to clean with soap and water
- Flexible and available in any size
- Waterproof



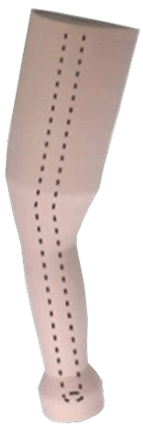


Item number	Page	Foot size	Calf size min (A)	Ankle size min (B)	Length
S6*2324L**	Left (L)	23-24 cm	32-34 cm	20-21 cm	550 mm
S6*2526L**	Left (L)	25-26 cm	34-36 cm	21-22 cm	600 mm
S6*2728L**	Left (L)	27-28 cm	36-38 cm	22-23 cm	550 mm
S6*2930L**	Left (L)	29-30 cm	38-40 cm	23-24 cm	650 mm
S6*2324R**	Right (R)	23-24 cm	32-34 cm	20-21 cm	550 mm
S6*2526R**	Right (R)	25-26 cm	34-36 cm	21-22 cm	600 mm
S6*2728R**	Right (R)	27-28 cm	36-38 cm	22-23 cm	600 mm
S6*2930R**	Right (R)	29-30 cm	38-40 cm	23-24 cm	650 mm



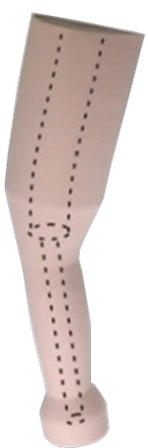
Waterproof lower leg cosmetics, KUW

PRODUCT FEATURES	
Item number:	KUW
Material:	PVA Material
Length:	ca. 48 cm
Color:	beige



Soft thigh cosmetics

PRODUCT FEATURES	
Item number:	OKS
Material:	PE foam
Length:	approx. 85 cm
Color:	beige
For pipe diameters:	30mm



Soft thigh foam cosmetics, OKSS

PRODUCT FEATURES	
Item number:	OKSS
Material:	PE foam
Length:	approx. 85 cm
Color:	beige
For pipe diameters:	30mm



Fixed lower leg cosmetics, KOSU

PRODUCT FEATURES	
Item number:	KOSU
Material:	PE foam
Length:	approx. 48 cm
Color:	beige
For pipe diameters:	30mm



Lower Leg Cosmetic Foam UKS

PRODUCT FEATURES	
Item number:	UKS
Material:	PE foam
Length:	approx. 44 cm
Color:	beige
For pipe diameters:	30mm



Waterproof thigh cosmetics, OKW

PRODUCT FEATURES	
Item number:	OKW
Material:	PVA Material
Length:	ca. 85 cm
Color:	beige



Overstockings lower leg ÜU

PRODUCT FEATURES	
Item number:	ÜU
Color:	beige
Material:	highly stretchy fabric
Length:	45 cm

To put over your leg cosmetics!



Overstockings thigh high

PRODUCT FEATURES

Item number:	Over-the-knee socks
Color:	beige
Material:	highly stretchy fabric
Length:	60 cm

To put over your leg cosmetics!

Cosmetic approach



PRODUCT FEATURES

Item number:	KAN
Material:	Plastic
Application:	Is bonded to the foam cosmetic as the distal endpiece to prevent foam abrasion.

Knee joints children



Freada 4 Bar children's knee joint with locking cable

The Freada children's knee joint is a 4-bar multiaxial joint for children. The polycentric joint mimics the rolling and gliding motion of the knee joint and ensures a natural gait. It is available in both adjustable core and disarticulation versions. The knee joint is very user-friendly, as well as lightweight and easy to handle.

Order example

Article Number	Connection
FRES	Adjustment core holder (YES)

PRODUCT FEATURES

Version:	4 bar knee joint, with polycentric joint
Item number:	FRES
Mobility level:	2-3
Maximum weight:	55 kg
Adaptation:	Adjustment core or disarticulation anchor
Material:	Aluminum
Max. flexion:	140 degrees
Weight:	320 g



Freada 4 Bar children's knee joint

The Freada children's knee joint is a 4-bar multiaxial joint for children. This joint features a built-in locking mechanism. The polycentric joint mimics the rolling and gliding motion of the knee joint and ensures a natural gait. It is available in adjustable core and disarticulation versions. The knee joint is very user-friendly, as well as lightweight and easy to handle.

Order example

Article Number	Connection
FREK	Disarticulation (EX)

PRODUCT FEATURES

Version:	4 bar knee joint, with polycentric joint
Item number:	FREKS
Mobility level:	2-3
Maximum weight:	55 kg
Adaptation:	Adjustment core or disarticulation anchor
Material:	Aluminum
Max. flexion:	140 degrees
Weight:	320 g

Cosmetics for children



eSkin children's active gloves natural

The eSkin Active Glove Natural sets new standards for active arm prostheses, such as those used in conjunction with myohands. It is available in 18 lifelike colors and is constructed from multi-layered materials. This glove is also highly flexible and extremely durable.

PRODUCT FEATURES

Colors:	1-18
Adaptation:	Aktivhand
Material:	PVC

Art. No. Glove	Page	Größe	Sleeve length	circumference distant end
S48N50L	Left	12,70 cm	210 mm	200 mm
S48N51L	Left	13,33 cm	215 mm	200 mm
S48N60L	Left	15,24 cm	220 mm	210 mm
S48N50R	Right	12,70 cm	210 mm	200 mm
S48N51R	Right	13,33 cm	215 mm	200 mm
S48N60R	Right	15,24 cm	220 mm	210 mm



eSkin children's passive glove natural

The eSkin Passive Glove Natural sets new standards for passive arm prostheses. It is available in 18 lifelike colors and is constructed from multi-layered materials. This glove is also highly flexible and extremely durable.

PRODUCT FEATURES

Colors:	1-18
Adaptation:	Passivhand
Material:	PVC

Art. No. Hand	Art. No. Glove	Page	Model	Circumferential metacarpal bones	Middle finger length	Circumferential wrist
S43P01L00	S43*01L**	Links	01	117 mm	38 mm	107 mm
S43P02L00	S43*02L**	Links	02	120 mm	40 mm	106 mm
S43P03L00	S43*03L**	Links	03	130 mm	42 mm	110 mm
S43P04L00	S43*04L**	Links	04	135 mm	50 mm	120 mm
S43P05L00	S43*05L**	Links	05	160 mm	52 mm	130 mm
S43P06L00	S43*06L**	Links	06	160 mm	63 mm	134 mm
S43P07L00	S43*07L**	Links	07	156 mm	59 mm	137 mm
S43P08L00	S43*08L**	Links	08	157 mm	54 mm	141 mm
S43P01R00	S43*01R**	Rechts	01	106 mm	35 mm	103 mm
S43P02R00	S43*02R**	Rechts	02	125 mm	40 mm	110 mm
S43P03R00	S43*03R**	Rechts	03	130 mm	41 mm	110 mm
S43P04R00	S43*04R**	Rechts	04	137 mm	50 mm	123 mm
S43P05R00	S43*05R**	Rechts	05	160 mm	57 mm	130 mm
S43P06R00	S43*06R**	Rechts	06	150 mm	59 mm	135 mm
S43P07R00	S43*07R**	Rechts	07	160 mm	65 mm	140 mm
S43P08R00	S43*08R**	Rechts	08	155 mm	55 mm	145 mm

Cosmetics for children



eSkin Passive Hand Child

The eSkin Passive Hand for Children is a lightweight and durable hand with flexible fingers.
It gives your prosthesis a natural appearance and is designed to be worn under the eSkin Passive Glove for Children.

Features

- Shapes the cosmetic glove
- Flexible fingers can be bent into any position
- M12x1.5 plastic internal thread
- Optional external thread

Material: Plastic and foam

Art. No. Hand	Art. No. Glove	Page	Model	Circumferential metacarpal bones	Middle finger length	Circumferential wrist
S43P01L00	S43*01L**	Left	01	117 mm	38 mm	107 mm
S43P02L00	S43*02L**	Left	02	120 mm	40 mm	106 mm
S43P03L00	S43*03L**	Left	03	130 mm	42 mm	110 mm
S43P04L00	S43*04L**	Left	04	135 mm	50 mm	120 mm
S43P05L00	S43*05L**	Left	05	160 mm	52 mm	130 mm
S43P06L00	S43*06L**	Left	06	160 mm	63 mm	134 mm
S43P07L00	S43*07L**	Left	07	156 mm	59 mm	137 mm
S43P08L00	S43*08L**	Left	08	157 mm	54 mm	141 mm
S43P01R00	S43*01R**	Right	01	106 mm	35 mm	103 mm
S43P02R00	S43*02R**	Right	02	125 mm	40 mm	110 mm
S43P03R00	S43*03R**	Right	03	130 mm	41 mm	110 mm
S43P04R00	S43*04R**	Right	04	137 mm	50 mm	123 mm
S43P05R00	S43*05R**	Right	05	160 mm	57 mm	130 mm
S43P06R00	S43*06R**	Right	06	150 mm	59 mm	135 mm
S43P07R00	S43*07R**	Right	07	160 mm	65 mm	140 mm
S43P08R00	S43*08R**	Right	08	155 mm	55 mm	145 mm



Transtibial cosmetic surgery for children

PRODUCT FEATURES

Item number:	KOKU
Material:	Polyuretan
Length:	35cm
Hole diameter:	22mm

Standard fitting parts for children



Aluminum tube for children ARKK (short), ARKL (long)

PRODUCT FEATURES	
Item number:	ARKK, ARKL
Material:	aluminum
Length:	ARKK (short 14.5 cm), ARKL (long 31 cm)
Weight:	55g, ARKL = 110g
Maximum weight:	60kg



Claw adapter adjuster core holder rotatable child

PRODUCT FEATURES	
Item number:	KRAJADK
Material:	Steel adapter
Weight:	68g
Maximum weight:	60kg/132lbs



Claw adapter adjuster core holder child

PRODUCT FEATURES	
Item number:	KRAJAK
Material:	Steel adapter
Weight:	53g
Maximum weight:	60kg/132lbs

Standard fitting parts for children



Claw adapter adjusting core child

PRODUCT FEATURES	
Item number:	KRAJK
Material:	Steel adapter
Weight:	48g
Maximum weight:	60kg/132lbs



Pipe adapter Kind 1RKC, 1RLC

PRODUCT FEATURES	
Item number:	1RKC, 1RLC
Material:	Aluminum tube, steel adapter
Length:	1RKC (short 16 cm), 1RLC (long 31 cm)
Weight:	1RKC = 110g, 1RLC = 160g
Maximum weight:	60kg/132 lbs



Shaft adapter adjusting core holder child

PRODUCT FEATURES	
Item number:	SHJAK
Material:	Steel adapter
Weight:	55g
Maximum weight:	60kg/132lbs

Standard fitting parts for children



Shaft base child

PRODUCT FEATURES	
Item number:	ANSAK
Material:	Plastic
Weight:	54 g
Maximum weight:	60 kg/132 lbs



Screw adapter adjusting core child

PRODUCT FEATURES	
Item number:	SCHRJK
Material:	Steel adapter
Weight:	55g
Maximum weight:	60kg/132lbs



Screw adapter adjusting core holder child

PRODUCT FEATURES	
Item number:	SCHRJAK
Material:	Steel adapter
Weight:	55 g
Maximum weight:	60 kg/132 lbs

Standard fitting parts for children



Thermoplastic adapter child

PRODUCT FEATURES	
Item number:	THAK
Application:	Thermoplastic shafts for children
Adapter:	Adjustable core holder
Material:	Steel adapter
Weight:	140 g
Maximum weight:	60 kg/132 lbs



Sliding adapter adjusting core holder child

PRODUCT FEATURES	
Item number:	VSJAK
Material:	Steel (Ni)
Weight:	Steel: 200 g
Maximum weight:	60 kg/132 lbs



Sliding adapter pipe holder child

PRODUCT FEATURES	
Item number:	VSRK
Material:	Steel (Ni)
Weight:	Steel: 200 g
Maximum weight:	60 kg/132 lbs

Prosthetic feet for children



Foot adapter child

PRODUCT FEATURES	
Item number:	2SK
Material:	Steel adapter
Weight:	65g
Maximum weight:	60kg/132lbs
Thread:	M8

SYNCRO Child Step



The SYNCRO Child Step is a prosthetic foot for children with a separate big toe. It offers a high level of comfort and stability during daily activities. The polymer foam in the heel absorbs impact forces during heel strike and provides flexibility in the forefoot area. A rigid mid-foot support provides stability during mid-stance.

Order example		
Article Number	Page	Size
1C	L	14

PRODUCT FEATURES	
Item number:	1C
Maximum weight:	60 kg/130 lbs
Heel height:	5+/- 3 mm
Cosmetic:	without toes
Adaptation:	M8 foot screw connection
Side:	left (L), right (R)
Size:	15 – 19 cm

SYNCRO Child Step basic



The SYNCRO Child Step basic is a prosthetic foot for children. It offers a high level of comfort and stability during their daily activities. The polymer foam in the heel absorbs impact forces during heel strike and provides flexibility in the forefoot area. A rigid mid-foot section is located in the middle of the foot, ensuring stability during the mid-stance phase.

Order example		
Article Number	Page	Size
1CB	L	14

PRODUCT FEATURES	
Item number:	1CB
Maximum weight:	60 kg/130 lbs
Heel height:	5+/- 3 mm
Cosmetic:	without toes
Adaptation:	M8 foot screw connection
Side:	left (L), right (R)
Size:	12 – 17 cm



Carbon fiber hose CSCHL

Order example

Article Number	Diameter
CSCHL	9

PRODUCT FEATURES

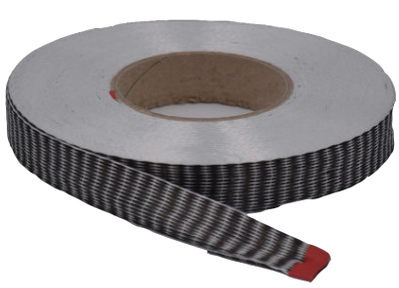
Item number:	CSCHL
Material:	Carbon fiber fabric
Diameter:	9 cm – 20 cm diameter (for lower legs) 12 cm – 30 cm diameter (for thighs)



Carbon fiber strap 44 mm CB44

PRODUCT FEATURES

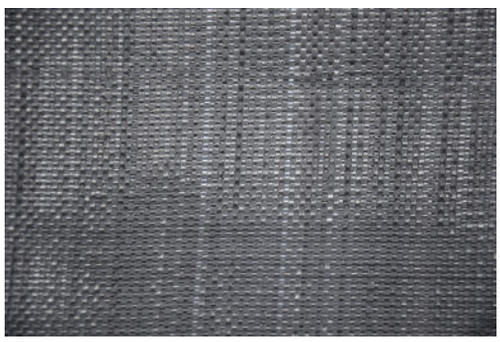
Item number:	CB44
Material:	Carbon fabric, 44mm wide
Order unit:	1 roll, 50 linear meters



Carbon fiber strap 24 mm CB24

PRODUCT FEATURES

Item number:	CB24
Material:	Carbon fabric, 24mm wide
Order unit:	1 roll, 50 linear meters



Carbon fiber mat CMAT

PRODUCT FEATURES

Item number:	CMAT
Material:	Carbon fabric pre-impregnated with resin
Order unit:	Linear meter
Width:	100 cm



Glass mesh hose
(combination of glass fiber and nylon threads)

Order example

Article Number	Diameter
GSCHL	8

PRODUCT FEATURES

Item number:	GSCHL
Material:	Fiberglass fabric
Diameter:	8/10/13/16/22cm



Perlon hose PSCHL

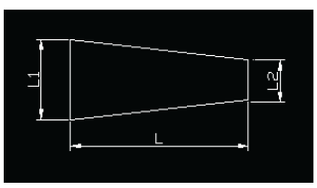
Order example

Article Number	Diameter
PSCHL	4

PRODUCT FEATURES

Item number:	PSCHL
Material:	Elastic nylon fabric
Diameter:	4 / 6 / 8 / 10 / 12 / 15 / 20 / 25 / 30 cm





PVA film tube PV

Order example

Article Number	Size
PV	1

PRODUCT FEATURES

Item number:	PV
Material:	PVA Material
Order unit:	1 Pack of 10 pieces
Sizes:	1: For transtibial prostheses L1 = 19 cm, L2 = 5 cm, L = 70 cm
	2: For transfemoral prostheses L1 = 27 cm, L2 = 5 cm, L = 70 cm
	3: L1 = 27 cm, L2 = 5 cm, L = 100 cm



PETG sheets for the production of test shafts

Order example

Article Number	Strength
PEPL	12

PRODUCT FEATURES

Item number:	PEPL
Material:	Polyethylene
Dimensions:	400 mm x 400 mm
Thicknesses:	8 mm, 10 mm, 12 mm, and 15 mm
Activation temperature:	160 degrees



eFlex Silicone

eFlex silicone is a flexible material for prosthetic inner sockets that feels good and is non-sticky. No powder is required on the inner part of the socket. It absorbs easily and evenly. This material eliminates all the difficulties and discomfort you experience with other materials.

PRODUCT FEATURES

Item number:	EFLES12 (12mm), EFLES15 (15mm)
Material:	Silicone EVA Compound
Dimensions:	40 x 40
Thickness:	12mm, 15mm
Activation temperature:	150 degrees



eFlex extra Soft

eFlex Extra Soft is a highly flexible and very stable material for prosthetic inner sockets. It is extra soft and supple for additional patient comfort. This material poses no risk of excessive pressure or compression.

PRODUCT FEATURES

Item number:	EFLE
Material:	EVE
Dimensions:	40x40
Thickness:	12mm
Activation temperature:	150 degrees



ePlex hard

The gold standard for prosthetic test sockets in long-term testing. No other material achieves comparable performance and quality.

The material is virtually indestructible yet easy to drill. It pulls easily, evenly, and feels pleasant to the touch.

PRODUCT FEATURES

Item number:	EPL8 (8 cm), EPL10 (10 cm), EPL12 (12 cm), EPL15 (15 cm)
Material:	Polystyrene and copolymer
Dimensions:	40 x 40 cm
Thicknesses:	8 mm, 10 mm, 12 mm, 15 mm
Activation temperature:	160 degrees



Alginate

Alginate is a high-quality, non-toxic, and dust-free molding material that is particularly suitable for detailed and rapid casting of virtually any material. It is algae-based, non-toxic, and hardens to a jelly-like mass in 2-3 minutes. The mixing ratio is 1 part alginate to 1/3 part water.

Order example

Article Number	Order unit
ALGI	6

PRODUCT FEATURES

Item number:	ALGI
Material:	Alginat
Units:	6kg, 12kg



Plaster rasps RA

Order example	
Item number	Type
RA	r

PRODUCT FEATURES

Item number:	RA
Types:	round (r), half-round (h), flat (f)
Material:	stainless steel
Order unit:	piece



Grinding Sleeve

PRODUCT FEATURES

Item number:	HÜL (Grit)
Dimensions:	Length: 190 mm – Inner diameter: 74 mm
Grain size:	24 grit, 40 grit, 80 grit



Sanding roller

PRODUCT FEATURES

Item number:	SCHLEIF1
Material:	Plastic
Length:	195 cm
Diameter:	Conical from 30 mm to 35 mm

Suitable for grinding sleeves from SYNCRO Med!



Deep-drawn hose black roll

PRODUCT FEATURES

Item number:	TIEFSR
Material:	Highly elastic nylon fabric



Nyglas hose 1kg

Reinforcement material for hard laminates.
Combination of glass and nylon threads

Order example

Article Number	Diameter
GLAS	10

PRODUCT FEATURES

Item number:	GLASS
Material:	Fiberglass and Nylon
Net weight:	1 kg
Strengths:	8 mm, 10 mm, 13 mm, 16 mm, 22 mm



Deep-drawn tube white, 50 cm long sewn

Order example

Article Number	Packaging unit
TIE50	100

PRODUCT FEATURES

Item number:	TIE50
Material:	Nylon fabric
Packaging unit:	10 pieces, 100 pieces

MOLDING COMPOUND

Abformer is a flexible PUR material for the precise molding of prosthetic sockets or negatives.

- High dimensional stability Quantity

MOLDING COMPOUND COMPONENT A

Abformer A component is available in 2 container sizes.



Quantity	Art. Number
1,0 kg	43920
4,6 kg	43924

A:B = 100:40 parts by weight

MOLDING COMPOUND COMPONENT B

Hardener component for Molding Compound Component A.



Quantity	Art. Number
0,4 kg	43920
1,85 kg	43924

PLASTER INSULATING CREAM

Skin-friendly protective cream for use during the making of plaster impressions.

- No dripping
- No sticking



Quantity	Art. Number
1,0 kg	43920
4,6 kg	43924

SEPARATING

A fundamental requirement for successful work with polyurethane foam systems—alongside flawless molds—is the reliable separation between the mold and the model, as well as between the mold and the finished piece. Years of development work and close practical collaboration with workshops guarantee the functionality of these materials. Perfectly suited for these working techniques.

TM 65/98

Yellow 2-component release agent based on silicone rubber with excellent release properties.

- Forms a 0.15–0.30 mm thick silicone skin
- Clean molds without release agent residues
- Plaster can be reused multiple times
- Suitable for pouring out even damp plasters

The best release agent, also suitable for sealing damp plasters



Quantity	Art. Number
1 kg	44061
5 kg	44065

Crosslinking (curing) by adding 10–20% crosslinker V51

TM 69

1-component release agent based on latex.

- Forms a thin latex film as a separating layer
- Suitable for pouring out completely dried plasters
- Dries through evaporation of solvents
- Not dilutable



Quantity	Art. Number
1 l	44101
2 l	44120
25 l	44144

Please refer to our product information for this.

MO-70

1-component wax release agent

- Forms a thin wax film as a separating layer
- Suitable for pouring out completely dried plasters
- Dries through evaporation of solvents
- MO-70 is dilutable with thinner TM



Quantity	Art. Number
1 l	44201
5 l	44205

Please refer to our product information for this.

CROSSLINKER V51

Crosslinker for release agent TM65/98.

- After adding 10–20% V51, TM65/98 becomes tack-free after approximately 45 to 120 minutes
- At 15%, the pot life is about 15 minutes
- Lower dosage results in extended working time
- The higher the dosage, the more fluid the release agent becomes





Quantity	Art. Number
150 g	44091
750 g	44095

Please refer to our product information for this.

THINNER TM

Thinner for silicone release agent TM 65/98 and wax release agent MO-70

- Use sparingly





Quantity	Art. Number
1 l	44099

ACCESSORIES FOR SEPARATING

TALCUM

Talcum as a versatile lubricant and release agent, for dusting models, sticky surfaces, and similar applications.



Quantity	Art. Number
1 kg	17001

TEFLON SPRAY

Grease-free lubricant and release agent based on PTFE.

- Low coefficient of friction
- Usable on all materials
- Anti-adhesive against sticky substances
- Usable up to 260°C



Quantity	Art. Number
200 ml	56201

SILICONE SPRAY

Silicone-oil-based lubricant, sliding, and release agent

- Universally applicable
- Prevents brittleness, freezing, and sticking of rubber parts
- Has an antistatic effect



Quantity	Art. Number
400 ml	56150

PUR RIGID FOAM

Polyurethane (PUR) liquid foam systems from BEIL are high-quality and user-friendly, internationally known and recognized. Several product lines with different configurations offer all the possibilities required in the orthopedic workshop. BEIL PUR foam systems guarantee consistent and fine-pored quality at the highest level, providing the foundation for optimal results.

All ASTI© and ALPHA-PLAST systems offer the safety required for foaming work. In orthopedic workshops, BEIL rigid foams are primarily used for leg and foot molds, as well as many other models.

ASTI-OP

ASTI-OP is the epitome of PUR rigid foams in orthopedic craftsmanship. BEIL offers the right product for every application, enabling the production of workpieces with raw densities ranging from 100 to 700 kg/m^3. These products have proven themselves in practice for decades, are continuously being developed, and offer excellent value for money.

ASTI-OP 700, with a density of 700 kg/m^3 and an expansion factor of approx. 1.6, is the most stable and strongest foam in the ASTI-OP line. It is particularly suitable for producing mechanically highly stressed positive forms and models, such as shoe lasts, insole molds, and toe additions.

ASTI-OP 500 is the most commonly used formulation in orthopedic shoemaking. With an expansion factor of approx. 2.2 and a density of 500 kg/m^3, it is the most widely used setting among PUR rigid foams. Both ASTI-OP 500 & 700 are very suitable for nailing.

ASTI-OP 300 is a lightweight rigid foam used for vacuum forming models and for making cosmetic covers in prosthetics and similar applications. With an expansion factor of approx. 3.7 and a density of 300 kg/m^3, it is lightweight and easy to grind.

ASTI-OP 200, with a density of 200 kg/m^3 and an expansion factor of approx. 5.5, is a very lightweight PUR rigid foam.

ASTI-OP 100 is the lightest rigid foam in the ASTI-OP line. With a density of 100 kg/m^3 and an expansion factor of approx. 11.7, it is extremely easy to grind.



Raw density	100	200	300	500	700
Quantity					
0,865 kg	41608	41708	41908	41208	41808
4,6 kg	41604	41704	41904	41204	41804
9,32 kg				41209	41809
25 kg				41225	41825

ASTI-B

Component B (hardener) for all ASTI-OP and ASTI-L rigid foams.



Quantity	Art. Number
0,865 kg	41308
4,6 kg	41304
9,32 kg	41309
25 kg	41325

BKF FILLER AL

Very lightweight acrylic filler compound

- Used, for example, for socket narrowing
- Easily moldable and sandable
- Adheres very well to acrylic resin parts



Quantity	Art. Number
2,5 l	36225

Curing occurs through 3–4% hardener paste

BKF FILLER C-PLUS

Heavy, semi-elastic polyester filler compound.

- Correction filler for molds made of PUR/wood/casting compound
- Even and fine filler finish
- Very easy to sand, uniform sanding behavior like PUR/casting compound/wood
- Good for nailing, even in edge areas



Quantity	Art. Number
1 kg	36901
2,5 kg	36925
5 kg	36905

Curing occurs through 3–4% hardener paste

BKF SEALING RESIN PASTE

Gel-like sealing resin based on acrylic.

- Glassy
- For sealing leather
- For bonding with filling on wood and PUR rigid foam



Quantity	Art. Number
0,75 kg	82407

Curing occurs through 3–4% hardener paste

RED HARDENER PASTE

Red hardener paste, 50% benzoyl peroxide.

- For curing filler and casting compounds based on polyester and acrylic
- Dosage according to the instructions on the filler and casting compound containers
- Red hardener paste changes the color of the mixture, making it easier to see when fully blended



Quantity	Art. Number
50 g	4100
200 g	4200

LAMINATING RESINS AND HARDENERS

Laminating resins are part of the basic equipment in the orthopedic workshop. BKF resins are the foundation for top-quality components and have proven themselves in practice over many years.
In addition to acrylic, polyester, and epoxy resins, the versatile BKF EpoxCarbon is also included.
Further information and tips can be found in our product information. Our application engineering team will be happy to advise you.

BKF ACRYLIC RESIN

BKF acrylic resins, the standard from BEIL, are easy to work with and always cure reliably. When using suitable reinforcement materials, the laminates can be thermally reshaped afterward. BKF acrylic resins can be mixed with each other.

BKF LAMINATING RESIN 80:20 has proven itself for laminating. Balanced in viscosity and strength, it is suitable for most applications. Subsequent thermoplastic reshaping is possible.

BKF CARBON RESIN is lower in viscosity and specially formulated for processing carbon fabrics. It is ideal for high-quality casting resin parts where maximum strength is required and which are mainly made with carbon fabrics. BKF Carbon Resin bonds very well with carbon fibers.

BKF SEAL is used for bonding acrylic, wood, and PUR rigid foam parts, for sealing leather, and for laminating very hard components. It is a hard and brittle acrylic resin with a fast curing time.

BKF PLASTIC is an acrylic casting resin for producing flexible components. It can be mixed with all other BKF acrylic resins.

Curing of the acrylic resins is done with 1–3% Hardener Powder 50.





Type	BKF Carbon Resin	BKF Laminating Resin 80:20	BKF Plastic	BKF Seal
Quantity				
0,9 kg	2509	2009	2309	2109
4,6 kg	2546	2046	2346	2146
25 kg	2525	2025	2325	2125

Wooden Spatula

For mixing resins, foams, and casting compounds.

- Planed beech wood
- Packaging unit: 100 pieces



Length	Art. Number
15 cm	75015
25 cm	75025
30 cm	75030

HARDENER POWDER AND ACCESSORIES

Hardener Powder 50 for curing acrylic and polyester resins as well as BKF EpoxCarbon.
With the right accessories, handling the hardener powder can be made easier.
The amount of hardener affects the curing times.

HARDENER POWDER 50



- 50% benzoyl peroxide-based
- For curing polyester, acrylic resins, and BKF© EpoxCarbon
- Dosage according to the instructions on the resin containers
- Not suitable for filler and casting compounds



Weight	Art. Number
150 g	6015
500 g	6050

Phthalate-free available upon request

Hardener Powder Accessories

The right accessories for optimal storage and dosing of hardener powder.



Content / Dimensions	Art. Number
Empty container 250 ml	811127
Empty container 800 ml	811130
Measuring spoon 2 g	73002

PLASTIC CUP

For mixing liquid plastics.

- Available in two sizes
- Packaging unit (bundle): medium 46 pcs / large 50 pcs
- Packaging unit (carton): medium 736 pcs / large 450 pcs



Packaging unit in pieces, size	Large 1.0 L	Medium 0.5 L
Carton	74230-KT	74245-KT
Bundle (or stick)	74230-ST	74245-ST

UNIVERSAL COLOR ADDITIVES

BKF FILLER AL

Paste-like color concentrate, suitable for resins and PUR foams.
Check compatibility before first use.

- Color pastes are mixable with each other
- Use very sparingly



Color Quantity	200 g	250 g
Skin		7033
White	7012	
Dark brown	7037	
Blue	7104	
Fire red	7107	
Black	7110	
Yellow	7112	

"Unsuitable" color additives can cause curing problems and altered properties in the final product.

AEROSIL

Thixotropy agent for reducing the flowability of resins.



Quantity	Art. Number
500 g	37500

Add only as much as needed until the thickened resin no longer runs on vertical surfaces.

COLOR SPRAY SKIN TONE

High-quality acrylic paint in skin tone color.

- Fast-drying quality paint
- Multiple thin coats can be applied



Quantity	Art. Number
400 ml	56001



PLASTIC SPRAY

High-quality transparent acrylic resin paint.

- For insulation, sealing, and waterproofing, as well as corrosion protection
- Resistant to alcohols, moisture, alkalis, and acids
- Fast-drying quality paint



Quantity	Art. Number
400 ml	56000



CE

MD

SYNCRO MED®

ORTHOPÄDISCHE ERZEUGNISSE

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