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MAKE MORE POSSIBLE

Streifeneder 

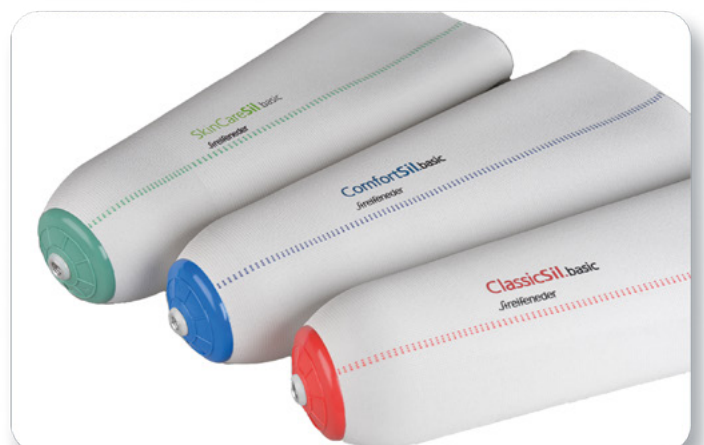
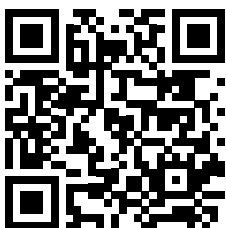
PRODUCT CATALOGUE
US FABTECH STOCK

ORDERS

800.FABTECH

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Fabtech Systems exclusively distributes a select line of Streifeneder ortho production GmbH products in the United States and non-exclusively in Canada. Items this catalogue are stocked in our US warehouse.

If you need to order Streifeneder items that are not stocked at Fabtech, here's how:

1. Send an email to orders@fabtechsystems.com with the following information
 - Company name
 - Billing address and shipping address
 - Quantity, item number and description
 - A brief description of future need. Is this a one-time purchase or is this an item you use regularly in your office?
2. Fabtech Systems will send an estimate, normally within 24 hours.
3. Approve the estimate by submitting a purchase order to orders@fabtechsystems.com
 - The item will be shipped with the next monthly stocking order.
 - Regular stocking orders are placed on the 15th every month.
 - Orders arrive 7 to 10 days later.
 - Special order items will ship upon arrival to our US warehouse.
 - We'll take care of the international duties the customer is only responsible for domestic shipping from our Everett WA warehouse.



Activity Level Guide For Prosthetic Sleeves & Liners

Level 1

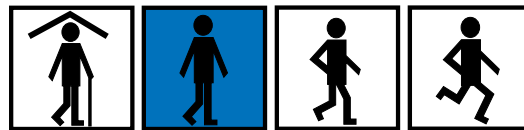


The patient has the capability to use a prostheses in order to walk on level floors at a steady step rhythm. He or she is the typical "indoor walker".

Therapy goal:

Restoration of the standing and of the walking capability limited to indoor areas.

Level 2

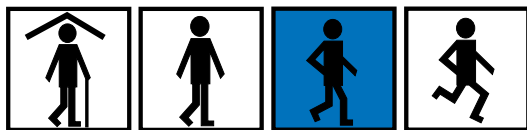


The patient has the capability to overcome low environmental obstacles such as curbstones, single steps or uneven floors. He or she is the "outdoor walker".

Therapy goal:

Restoration of the standing capability and of the walking capability, which is unlimited indoors and limited outdoors.

Level 3

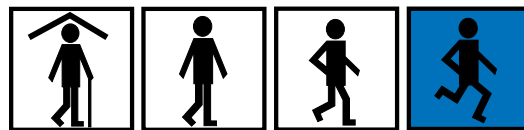


The patient has the capability to move with a prosthesis at different walking speeds and to overcome almost all of the environmental obstacles. In addition, he or she carries out professional or therapeutic activities, which demand a use of the prostheses for more than just simple locomotion. He or she is the "unlimited outdoor walker".

Therapy goal:

Restoration of the standing capability as well as the walking capability, which is not limited indoors and only insignificantly limited outdoors.

Level 4



The patient has the capability to move with high or variable speed regularly. He or she is very active and lively. The use of the prostheses clearly exceeds the basic walking capability. Due to the high demands, the prostheses is put under increased impact load, stress exposure and deformation load. He or she is the "unlimited outdoor walker with particularly high demands".

Therapy goal:

Restoration of the standing capability and of the walking/mobility capability, which is unlimited indoors as well as outdoors.



PROSTHETICS

SLEEVES & LINERS

**SkinCareSil.soft**

Silicone liner made of 6 mm especially soft silicone with aloe vera additive

Application

- activity level (walky): 1 to 2
- especially for the care of pressure-sensitive residual limbs with skin and vascular diseases
- Very well suited as initial or geriatric care for low-active users
- for bony residual limbs with low soft tissue coverage

Characteristics

- made of 6 mm especially soft silicone
- Skin-caring properties due to aloe vera additive in the silicone
- optimal wearing comfort and damping
- one-piece knitted textile cover for easily rolling the liner up or down
- with knitted-in 10 cm outer matrix, reduces distal lift
- High transverse elasticity - also in the distal area
- Coloured knitted vertical stripe at the front for better orientation when donning
- distal rotation control supports guidance of prosthesis
- available with distal connections and rotation control for all Streifeneder pin types and locking systems
- available without distal connection, but with rotation control for vacuum-socket-technology

Material

- Wall thickness 6 mm, see sketch
- especially soft, medical grade silicone with aloe vera additive, antibacterially equipped
- approx. 28 Shore 00
- abrasion proof one-piece knitted cover made of polyamide / elastane
- distal silicone-rotation control
- colour: silver grey

Size	Wall thickness	Outer matrix	Distal Connection	Item-No.
18, 20, 21, 22, 23,5, 25, 26,5, 28, 30, 32, 34, 36, 38, 40, 42, 45	6 mm	10 cm	with	48L10/...
18, 20, 21, 22, 23,5, 25, 26,5, 28, 30, 32, 34, 36, 38, 40, 42, 45	6 mm	without	without	48L20/...

Ordering example: 48L10/18 = with distal connection, size 18.
Delivery with drying stand.



Sizing: Measure the distal circumference approx. 4 cm above the stump end and select the liner in the same size or one size smaller.



PROSTHETICS

SLEEVES & LINERS



ComfortSil.basic

Silicone Liner made of 3 mm especially soft silicone

Designated use

- activity level (walky): 1 to 3
- excellent for geriatric basic prosthetic care
- suitable for pressure-sensitive residual limbs

Characteristics

- made of 3 mm especially soft silicone
- optimal wearing comfort and comfortable shock absorption
- one-piece knitted textile cover for easily rolling the liner up and down
- with integrated 10 cm distal outer matrix, reducing the distal elongation
- integrated coloured vertical stripe in front, for better orientation during donning
- distal rotation control supports guidance of the leg prosthesis
- available with distal connection and rotation control for all Streifeneder pin types and lock systems
- available without distal connection, but with rotation control for vacuum socket technology

Material

- wall thickness 3 mm, see sketch
- especially soft, medical silicone with antibacterial finish
- approx. 26 Shore 00
- abrasion-proof, one-piece knit cover made of polyamide/elastane
- distal silicone rotation control
- colour: silver-grey



Size	Wall thickness	Outer matrix	Distal Connection	Item-No.
16, 18, 20, 21, 22, 23.5 25, 26.5 28, 30, 32, 34, 36, 38, 40, 42, 45	3 mm	10 cm	with	40L10/...

Ordering example: 40L10/16 = with distal connection, size 16. Supplied with drying stand.

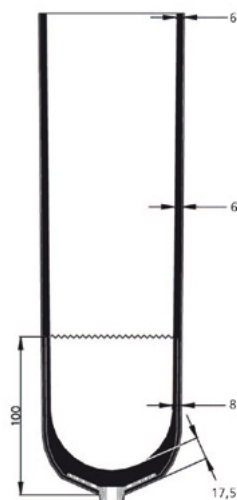


Size determination: measure the distal circumference approx. 4 cm above the residual limb end and select the liner in the same size or one size smaller.



PROSTHETICS

SLEEVES & LINERS

**ComfortSil.soft**

Silicone Liner made of 6 mm especially soft silicone

Designated use

- activity level (walky): 1 to 3
- excellent for geriatric basic prosthetic care
- suitable for very pressure-sensitive residual limbs
- for bony residual limbs with low soft tissue coverage

Characteristics

- made of 6 mm especially soft silicone
- optimal wearing comfort and comfortable shock absorption
- one-piece knitted textile cover for easily rolling the liner up and down
- with integrated 10 cm distal outer matrix, reducing the distal elongation
- integrated coloured vertical stripe in front, for better orientation during donning
- distal rotation control supports guidance of the leg prosthesis
- available with distal connection and rotation control for all Streifeneder pin types and lock systems
- available rotation control for vacuum socket technology

Material

- wall thickness 6 mm, see sketch
- especially soft, medical silicone with antibacterial finish
- approx. 26 shore 00
- abrasion-proof, one-piece knit cover made of polyamide/elastane
- distal silicone rotation control
- colour: silver-grey

Size	Wall thickness	Outer matrix	Distal Connection	Item-No.
18, 20, 21, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 38, 40, 42, 45	6 mm	10 cm	with	41L10/...

Ordering example: 41L10/18 = with distal connection, size 18. Supplied with drying stand.



Size determination: measure the distal circumference approx. 4 cm above the residual limb end and select the liner in the same size or one size smaller.



PROSTHETICS

SLEEVES & LINERS



AK-Control.Sil

Above-Knee Silicone Liner made of medium firm silicone, with distal connection, outer matrix retarding the distal elongation, without silicone stripes

Designated use

- activity level (walky): 1 to 4
- ideal for prosthetic care of above-knee amputations and for care of voluminous below-knee amputations

Characteristics

- 2 mm wall thickness for controlled expansion in the socket entering zone
- one-piece knitted smooth textile cover for easily rolling the liner up and down
- outer matrix as vertical stripe for reduction of elongation
- distal rotation control supports guidance of the leg prosthesis
- very good radial expansion, adjusts to volume changes of the residual limb
- with distal connection for all Streifeneder pin types and lock systems

Material

- wall thickness 2 mm, see sketch
- medium firm, medical silicone with antibacterial finish
- approx. 50 Shore 00
- abrasion-proof, one-piece knit cover made of polyamide/elastane
- retarding the distal elongation in vertical direction
- colour: silver-grey

Size	Wall thickness	Item-No.
25, 26.5, 28, 30, 32, 34, 36, 38, 40, 42, 45, 50, 55	2 mm	60L50

Ordering example: 60L50/25 = size 25. Supplied with drying stand.

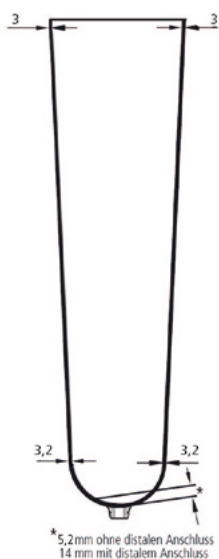


Size determination: measure the distal circumference approx. 4 cm above the residual limb end and select the liner in the same size or one size smaller.



PROSTHETICS

SLEEVES & LINERS

**ContexGel.basic**

ContexGel-Liner, 3 mm, uniform, made of soft ContexGel

Designated use

- activity level (walky): 1 to 3
- for prosthetic care of BK- and AK- amputations
- suitable for substitution of soft tissue at the residual leg
- for bony, pressure sensitive and difficult leg stumps

Characteristics

- thermoplastic mouldable at 60 °C (140 °F)
- optimal wearing comfort and good shock absorption in the entire residual leg area
- one-piece knitted textile cover for easy donning and doffing of the liner
- excellent circular elongation adjusts to volume changes of the residual leg
- distal rotation control supports the guidance of the leg prosthesis (20L10)
- available with distal connection for all Streifeneder pins and lock systems
- available without distal connection for vacuum system technology (VST)

Material

- wall thickness: 3 mm uniform, conical shape
- soft ContexGel with medical white oil, antibacterially finish
- approx. 25 – 30 Shore 00
- abrasion proof, one-piece knitted cover made of polyamide/elastane
- item 20L10 with PUR-rotation control (cap)
- colour: mixed anthracite

Size	Distal	Proximal	Distal Con- nection	Item-No.
S	16 – 23 cm	25 – 36 cm	with	20L10/S
M	19 – 30 cm	30 – 43 cm	without	20L20/M
L	24 – 34 cm	38 – 58 cm	without	20L20/L
XL	28 – 39 cm	41 – 63 cm	without	20L20/XL
XXL	32 – 44 cm	43 – 69 cm	without	20L20/XXL

Supplied including stand.

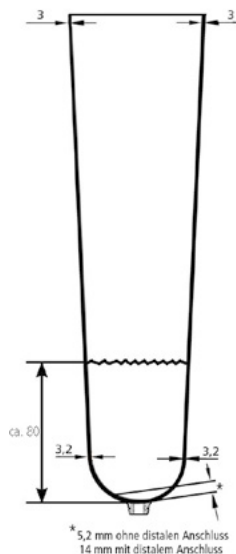


Sizing: Measure the distal circumference approx. 4 cm (1 1/2") and 30 cm (11 1/8") (proximal) above the stump end and select the liner size in the area of the distal and proximal stump circumference according to the chart. Please note that transtibial stumps with ContexGel-Liners without distal connection require a ContexGel Knee Sleeve.



PROSTHETICS

SLEEVES & LINERS



total length: approx. 430 mm

ContexGel.basic

ContexGel-Liner, 3 mm uniform, made of soft ContexGel, with outer matrix

Designated use

- activity level (walky): 1 to 3
- for prosthetic care of BK- and AK-amputations
- suitable for substitution of soft tissue at the residual limb
- for bony, pressure-sensitive and difficult leg limb

Characteristics

- thermoplastic mouldable at 60 °C (140 °F)
- optimal wearing comfort and good shock absorption in the entire residual leg area
- one-piece knitted textile cover for easy donning and doffing of the liner
- integrated distal outer matrix, reducing the distal elongation
- excellent circular elongation adjusts to volume changes of the residual leg
- distal rotation control supports the guidance of the leg prosthesis
- available with distal connection for all types of Streifeneder pins and lock systems

Material

- wall thickness: 3 mm uniform, conical shape
- soft ContexGel with medical white oil, with antibacterial finish
- approx. 25 – 30 Shore 00
- abrasion-proof, one-piece knitted cover made of polyamide/elastane
- item 25L10 with PUR-rotation control (cap)
- colour: mixed anthracite

Size	Distal	Proximal	Distal Con- nection	Item-No.
S	16 – 23 cm	25 – 36 cm	with	25L10/S
M	19 – 30 cm	30 – 43 cm	with	25L10/M
L	24 – 34 cm	38 – 58 cm	with	25L10/L
XL	28 – 39 cm	41 – 63 cm	with	25L10/XL
XXL	32 – 44 cm	43 – 69 cm	with	25L10/XXL

Supplied including stand.



Sizing: Measure the distal circumference approx. 4 cm (1 1/2") and 30 cm (11 1/8") (proximal) above the stump end and select the liner size in the area of the distal and proximal stump circumference according to the chart. Please note that transtibial stumps with ContexGel-Liners without distal connection require a ContexGel Knee Sleeve.



PROSTHETICS

SLEEVES & LINERS

**ContexGel.soft**

ContexGel-Liner, anterior wall thickness 6 mm, posterior wall thickness 3 mm, made of soft ContexGel

Designated use

- activity level (walky): 1 to 3
- for prosthetic care of below-knee amputees
- suitable to substitute soft tissue at the frontal shin bone edge and residual limb
- for bony and difficult lower limbs

Characteristics

- thermoplastic mouldable at 60 °C (140 °F)
- optimal wearing comfort and very good shock absorption in the front residual leg area
- especially smooth one-piece knitted cover for easy donning and doffing of the liner
- thinner material in the back distal area makes bending the knee in the prosthetic socket easier
- excellent circular elongation adjusts to volume changes of the residual leg
- distal rotation control supports the guidance of the leg prosthesis
- available with distal connection for all types of Streifeneder pins and lock systems
- available without distal connection for vacuum-socket technology (VST)

Material

- material thickness: front 6 mm, back 3 mm, conical shape
- soft ContexGel with medical white oil, with anti-bacterial finish
- approx. 25 – 30 Shore 00
- abrasion-proof, one-piece knitted cover made of polyamide/elastane
- item 21L10 with PUR-rotation control (cap)
- colour: mixed anthracite

Size	Distal	Proximal	Distal Con- nection	Item-No.
S	16 – 23 cm	25 – 36 cm	without	21L20/S
M	19 – 30 cm	30 – 43 cm	without	21L20/M
L	24 – 34 cm	38 – 58 cm	without	21L20/L
XL	28 – 39 cm	41 – 63 cm	without	21L20/XL
XXL	32 – 44 cm	43 – 69 cm	without	21L20/XXL

Supplied including stand.

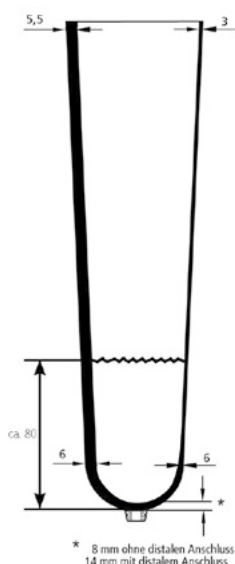


Sizing: Measure the distal circumference approx. 4 cm (1 1/2") and 30 cm (11 1/8") (proximal) above the stump end and select the liner size in the area of the distal and proximal stump circumference according to the chart. Please note that transtibial stumps with ContexGel-Liners without distal connection require a ContexGel Knee Sleeve.



PROSTHETICS

SLEEVES & LINERS



ContexGel.soft

ContexGel-Liner, anterior wall thickness 6 mm, posterior wall thickness 3 mm, made of soft ContexGel with outer matrix

Designated use

- activity level (walky): 1 to 3
- for prosthetic care of BK-amputations
- suitable for substitution of soft tissue at the frontal shin bone edge and residual limb
- for bony, difficult lower leg limbs

Characteristics

- thermoplastic mouldable at 60 °C (140 °F)
- optimal wearing comfort and very good shock absorption in the front residual leg area
- one-piece knitted textile cover for easy donning and doffing of the liner
- integrated outer matrix for reduction of distal elongation
- thinner material in the back distal area makes bending the knee in the prosthetic socket easier
- excellent circular elongation adjusts to volume changes of the residual leg
- distal rotation control supports the guidance of the leg prosthesis
- available with distal connection for all types of Streifeneder pins and lock systems
- available without distal connection for vacuum socket technology (VST)

Material

- material thickness: front 6 mm, back 3 mm, conical shape
- soft ContexGel with medical white oil, anti-bacterial finish
- approx. 25 – 30 Shore 00
- abrasion-proof, one-piece knitted cover made of polyamide/elastane
- item 26L10 with PUR-rotation control (cap)
- colour: mixed anthracite

Size	Distal	Proximal	Distal Connection	Item-No.
S	16 – 23 cm	25 – 36 cm	with	26L10/S
M	19 – 30 cm	30 – 43 cm	with	26L10/M
L	24 – 34 cm	38 – 58 cm	with	26L10/L
XL	28 – 39 cm	41 – 63 cm	with	26L10/XL
XXL	32 – 44 cm	43 – 69 cm	with	26L10/XXL

Supplied including stand.



Sizing: Measure the distal circumference approx. 4 cm (1 1/2") and 30 cm (11 1/8") (proximal) above the stump end and select the liner size in the area of the distal and proximal stump circumference according to the chart. Please note that transtibial stumps with ContexGel-Liners without distal connection require a ContexGel Knee Sleeve.



PROSTHETICS

SLEEVES & LINERS

**ContexGel.sleeve**

ContexGel knee sleeve, 3 mm uniform, conical

**Designated use**

- ContexGel-Knee Sleeves are suitable for below-knee amputees as knee holding support or as sealing cap for vacuum-socket technology (VST)
- additional guidance for the knee and stabilisation for short prostheses
- smaller sizes are used as holding supports in arm prosthetics

Characteristics

- thermoplastic mouldable at 60 °C (140 °F)
- satinised knee area prevents tension sensations in the knee joint area
- for optimal adhesion in the distal and proximal area
- soft, one-piece knitted cover for easily rolling the knee sleeve up or down
- minimisation of the elongation by outer matrix in the distal and proximal area
- excellent circular expansion adjusts to the socket- and user's anatomy
- product recommendation additionally for vacuum-socket technology (VST)

Material

- wall thickness: 3 mm uniform, conical shape
- soft ContexGel with medical white oil, antibacterially fitted
- abrasion proof one-piece knitted cover made of polyamide / elastane
- approx. 25 – 30 Shore 00
- colour: mixed anthracite 30L10 / sand 30L50

Colour: anthracite/mottled

Size	Distal	Proximal	Length	Item-No.
S	15 – 23 cm	23 – 35 cm	37 cm	30L10/S
M	21 – 31 cm	29 – 44 cm	37 cm	30L10/M
L	28 – 43 cm	36 – 52 cm	38.5 cm	30L10/L
XL	34 – 48 cm	42 – 58 cm	38.5 cm	30L10/XL
XXL	38 – 52 cm	43 – 64 cm	38.5 cm	30L10/XXL
XXXL	42 – 56 cm	50 – 70 cm	38.5 cm	30L10/XXXL

Colour: sand-coloured

Size	Distal	Proximal	Length	Item-No.
S	15 – 23 cm	23 – 35 cm	37 cm	30L50/S
M	21 – 31 cm	29 – 44 cm	37 cm	30L50/M
L	28 – 43 cm	36 – 52 cm	38.5 cm	30L50/L
XL	34 – 48 cm	42 – 58 cm	38.5 cm	30L50/XL
XXL	38 – 52 cm	43 – 64 cm	38.5 cm	30L50/XXL
XXXL	42 – 56 cm	50 – 70 cm	38.5 cm	30L50/XXXL



Sizing: ContexGel Knee Sleeves are available in 6 sizes. If possible, please position the sleeve with its middle towards the knee joint. Also, measure the distal socket circumference and the proximal thigh circumference (approx. 15 cm above the centre of the knee joint). This will determine the optimal size of the knee sleeve.



PROSTHETICS

SLEEVES & LINERS



Lock Series 300

- max. body weight: 100 kg
- Activity level (walky): 1 to 4 for 30S1 and 30S2
- Activity level (walky): 1 to 3 for 30S3
- Mounting height: 30 mm
- 33 mm with hopper
- suitable for thermoplastic and laminated sockets
- plastic housing is temperature resistant up to 200 °C

The new weight-optimised lock series 300 made of wear-resistant plastic is very suitable for direct lamination or for complete exchange, if you utilise a lamination dummy 30S1/D56 - 30S1/D76. You can attach different lamination discs and socket adapters with 6 screws in the distal end of the socket.

- Clutch-Lock with „EasyClick“ system: optimised pull-in and release mechanism
- Lightweight, weight-optimised construction made of plastic
- multifunctionally applicable
- continuous guide bushing, rotation secured, made of stainless steel
- locking unit completely exchangeable
- easy cleaning and replacing of complete locking unit is possible without dismantling the prostheses
- incl. hopper Ø 66 mm
- incl. special sealing grease 22A100

Accessories

- for laminating in conjunction with: Lamination Disc, round, -Aluminium- 16A3 / Lamination Disc, angular -Aluminium- 16A5 / Socket Adapter with Adjustment Core und Lamination Anchor -Titanium- 16A10 or 16A30 (please order separately)
- to be exchanged with Lamination Dummy 30S1/D56, D66 and D76
- Please order press button extensions for geriatric patients or big sockets separately
- the housing variants can also be ordered individually under the following item no.: 30S1/E1 for 30S1; 30S2/E1 for 30S2, 30S3/E1 for 30S3

The necessary laminating protection for the locking unit is included in the delivery.



Lock	with Pin	Weight	Item-No.
Shuttle-Lock 302	rastered	82 g	30S2



PROSTHETICS

SLEEVES & LINERS



Lock Series 100

- no body weight restriction because the lock is not a weight bearing component
- activity level (walky): 1 to 4 for 10S1 and 10S2
- activity level (walky): 1 to 3 for 10S3
- effective height: approx. 23 mm
- suitable for laminated sockets
- plastic housing is temperature resistant up to 200 °C

The locks of the series 100 distinguish themselves by a very small construction and a shock-resistant plastic housing. Inserted into an AK or BK socket with common lamination techniques, they serve as liner locks. In connection with a socket attachment block 12A3, 12A5 oder 12A7 you can easily correct the deviation of the socket gradient and the plumb line.

- very small construction
- very light
- rotation secured pin guide made of stainless steel
- locking unit is completely exchangeable
- with lamination dummy 10S1/E6L (for 10S1), 10S1/E6 (for 10S2 and 10S3)
- including of sealing grease 22A100
- please order press button extensions for geriatric patients or big sockets separately

Supplied with lamination dummy necessary for the locking unit.

Lock type	With pin	Weight	Item-No.
Clutch-Lock 101	geared	58 g	10S1



PROSTHETICS

SLEEVES & LINERS



Lock Series 150

- no body weight restriction because the lock is not a weight bearing component
- activity level (walky): 1 to 4 at 15S1 and 15S2
- activity level (walky): 1 to 3 at 15S3
- effective height: approx. 23 mm
- suitable for thermoplastic and laminated sockets
- aluminum housing

The locks of the series 150 distinguishes itself by a very small construction and a high-strength aluminum housing. The aluminum housing can be taken out of the thermoplastic socket and can be utilised for the laminated socket. Processing follows according to common thermoplastic resp. lamination techniques. In connection with a socket attachment block 12A3, 12A5 or 12A7 you can easily correct the deviation of the socket gradient and the plumb line.

- very small construction
- rotation secured pin guide made of stainless steel
- locking unit is completely exchangeable
- with lamination dummy 10S1/E6L (for 15S1), 10S1/E6 (for 15S2 and 15S3)
- including of sealing grease 22A100
- please order press button extensions for geriatric patients or big sockets separately

Supplied with lamination dummy necessary for the locking unit.



Lock	With pin	Weight	Item-No.
Clutch-Lock 151	geared	95 g	15S1
Shuttle-Lock 152	rastered	90 g	15S2
Easy-Lock 153	plain	85 g	15S3



PROSTHETICS

MATERIALS & TOOLS



Wave Cut Scissors

- cutting surface with serrated edge (1 wave 2 cm)
- for cutting and shaping Silicone- and Contex-Gel-Liners
- prevents tearing of cutting edges of liners caused by stretching
- improves distribution of circular shearing forces on the residual limb skin, which reduces skin irritations

Length	Item-No.
240 mm	166P36



Integrated Patient Key

- for clutch lock
- directly drawing in through the ring is possible

	Item-No.
	10S1/40



Lamination Disk

Material

- stainless steel

Application

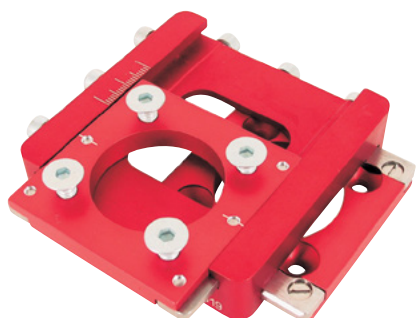
- to anchor in silicone (HTV), pre-preg and laminating resins

Characteristics

- with 3 slots
- corrosion-resistant

PU = 1 piece

Thread diameter x Head diameter x Length	Item-No.
M4 x 15 x 4,8 mm	34P9



Adjusting Device for Modular Prostheses -Aluminum-

- use only during test runs within the orthopaedic workshop
- serves as an adjustment aid during fittings
- slide possibility in sagital and frontal level
- adjustment range: +/- 25 mm with calibration

Material	Weight	Eff. height	max.2kg	Item-No.
Alum./Steel	304 g	20 mm	100 kg	10A40/A



PROSTHETICS

MATERIALS & TOOLS



Carbon Fibre Pre-preg CU 420



Material

- uni-directional carbon fibre pre-preg
- mass per unit (DIN 53854): 410 g/m²

Application

- basic material for the manufacture of e. g. orthoses in a frame construction
- for the absorption of axial and circular forces

Characteristics

- fibers arranged in a parallel formation are held by glass fiber to enable easier draping
- recommended curing time: at 100 °C depending on model 5-8 hours
- storable at 20 °C: 21 days
- storable at -18 °C: 360 days

PU = 1 sqm

Width	Item-No.
1000 mm	10C2



Please always apply the fibers in a stretched manner.



Carbon Fibre Pre-preg



Material

- bi-directional carbon fibre pre-preg
- twill weave: 4:4
- mass per unit (DIN 53854): 280 g/m²

Application

- suitable for reinforcement layers or to minimize torsion forces, for thinwalled as well as light and filigree workpieces

Characteristics

- recommended curing time: at 100 °C depending on model 5-8 hours
- storable at 20 °C: 21 days
- storable at -18 °C: 360 days

PU = 1,25 sqm

Width	Item-No.
1250 mm	11C2



Aramid Pre-preg



Material

- bi-directional aramid pre-preg
- plain weave
- mass per unit (DIN 53854): 170 g/m²

Application

- kevlar fibre to make sandals, loops and bars break proof

Characteristics

- recommended curing time: at 100 °C depending on model 5-8 hours
- storable at 20 °C: 21 days
- storable at -18 °C: 360 days

PU = 1,2 sqm

Width	Item-No.
1200 mm	12C2



PROSTHETICS

MATERIALS & TOOLS



Fibreglass Pre-preg



Material

- bi-directional glass fibre pre-preg
- aluminised
- twill weave: 2:2
- mass per unit (DIN 53854): 290 g/m²

Application

- silver coloured surface due to aluminisation; for design layers resp. decorative layers

Characteristics

- recommended curing time: at 100 °C depending on model 5-8 hours
- storable at 20 °C: 21 days
- storable at -18 °C: 360 days

PU = 1 sqm

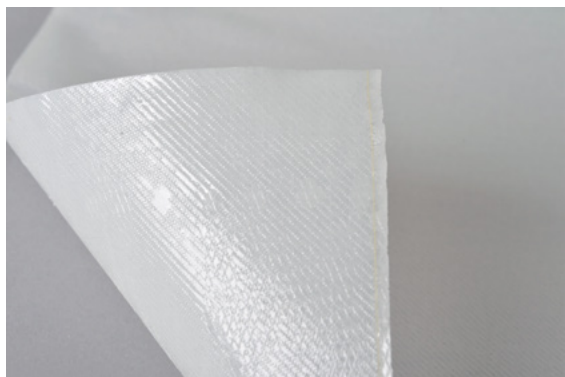
Width	Item-No.
1000 mm	13C2



Attention: Aluminisation only on one side!



Dyneema Pre-preg



Material

- bi-directional glass fibre pre-preg
- twill weave: 2:2
- mass per unit: 160 g/m²

Application

- PE-fibre for flexible edge areas and flaps
- do not use for weight bearing constructions

Characteristics

- recommended curing time: at 100 °C depending on model 5-8 hours
- storable at 20 °C: 21 days
- storable at -18 °C: 360 days

PU = 1,25 sqm

Width	Item-No.
1250 mm	14C3



PROSTHETICS

MATERIALS & TOOLS

Peeling-Fabric

Material

- nylon-fabric

Application

- for draping on adhered pre-preg-layers
- will leave a roughened surface after removal
- excessive resin drains off at the side

Characteristics

- temperature resistance: max. 232 °C

PU = 1,5 sqm

Width x Thickness	Item-No.
1500 x 0,02 mm	20C1



Optimally suitable for hand laminations in cast resin technique.

Suction Fleece

Material

- polyester-fleece

Application

- allows the initiation of vacuum
- suction fleece absorbs excessive resin out of the pre-preg composite

Characteristics

- non-poisonous
- anti-allergic
- temperature resistance: max. 205 °C

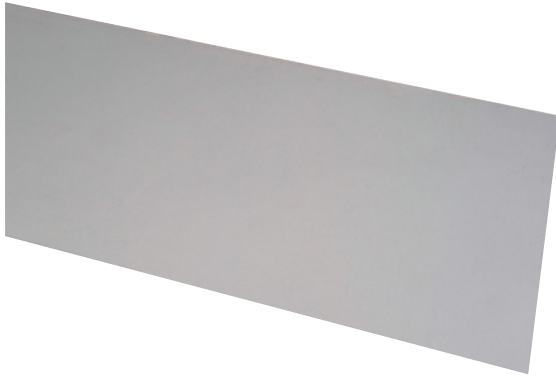
PU = 1,5 sqm

Width	Item-No.
1500 mm	40C1



PROSTHETICS

MATERIALS & TOOLS



Silicone Sheet

Material

- silicone
- colour: transparent

Application

- for the creation of shiny and smooth surfaces when processing pre-preg

Characteristics

- stretchable
- re-usable

PU = 1 piece

L x W x Thickness	Version	Item-No.
920 x 920 x 0,8 mm	shiny finish	119P7/08



In order to achieve a balanced vacuum, one layer of nylon stockinette item-no. 95P2/5 should be put between silicone sheet and PVA-foil.



PVC Film

material

- soft-PVC

application

- creation of shiny and smooth surfaces on Prepreg products

PU = linear metre or 200 metres per roll

Chart 1

Width x Thickness	Type	Item-No.
1300 x 0,12 mm	crystal clear	110P40
1400 x 0,12 mm	frosted	110P4



PROSTHETICS

MATERIALS & TOOLS



Prepreg Cord

Material

- PET-cord, coated with bi-directional Prepreg 200 g/m²

Application

- for edge design and reinforcement of Prepreg laminates

Characteristics

- recommended curing time at 100°C 5 - 8 hours, depending on work piece
- storage time at 20°C: 21 days
- storage time at -18°C: 360 days

PU = 5 m

Diameter	Item-No.
approx. 1,0 mm	150C1/1
approx. 3,0 mm	150C1/3



Pastosil

Material

- RTV silicone plasticine
- components A and B
- colour: peach

Application

- suitable for the insulation of splints, joints
- spacekeepers and the like when processing pre-preg

Characteristics

- grindable in hardened condition
- processing time depending on room temperature: 2-5 min

Mixing ratio

- component A : component B 1 : 1

PU = 2 resp. 4 plastic containers

Content	Item-No.
4 x 250 g	81E2/1
2 x 1,0 kg	81E2/2

