New socket comfort – new features, new design!
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Streifeneder USA offers a high-quality full-range of lower limb prosthetics; consisting of a wide selection of silicone liners, application aids, stump socks and care products for the socket comfort. All products feature first-class materials, maximum functionality and long durability. Numerous improved product characteristics provide even more stability and outstanding wearing comfort of leg prostheses.

All items within our assortment are optimally compatible with each other and therefore enable the orthopaedic specialist to react accordingly to individual user requirements. Depending on user profile; the liners, application aids and stump socks are available in various types and special sizes. New materials, fabrics and prints as well as a modern colour concept provide an appealing look. Helpful measurement charts and detailed images facilitate the selection (please see the information in our prosthetics catalogue, chapter socket comfort on www.streifeneder-usa.com).
Liners with quality seal

To improve the hygienic conditions for liner wearers, we use special additives which produce an aseptic surface effect. A special antimicrobial agent is integrated. This patented technology grants that the treated liner material permanently inhibits infestation of bacteria and micro-organisms. The liners sold by Streifeneder USA have been awarded a quality seal and are approved as “antimicrobial”. This effect has also been approved by one more, independent testing institute.

The quality seal grants
• Effectiveness period of at least five years
• Elimination of 5 million germs per hour and square-centimeter
• The application of Sterione effectively prevents bacteria growth (e.g. pneumococco-bacilli and multi-resistant micro-organisms such as MRSA)
• Test strains Staphylococcus areus and Escherichia coli
What is the effect of Sterione?

Sterione has an effect on the surface tension of the treated products. The “tension vibrations” attack the metabolism of the germs, which causes primitive organisms to die. Depending on the dosage of the additives, the effect is more intense or weaker. The effect stays reliable and sustainable for many years.

Sterione prevents bacteria growth on our silicone-liners and provides maximum hygiene.
The new liners by Streifeneder USA

The new liner-series features improved mechanical characteristics. Additives with aseptic surface effects, rotation control as well as optimised mechanical properties of the functional fabric cover, provide maximum wearing comfort and improved stability. The name and colour concept referring to the product features facilitates attribution and enables the specialist to quickly select the perfect liner for the user.

New features
- Additives with aseptic surface effects
- Distal rotation control for more stability
- Anti-rotation strips for above-knee liners AK-Control.Sil
- New functional cover fabric
The new features at one glance
Additives with aseptic surface effects prevents bacteria growth (e.g. pneumococcosbacilli and multi-resistant micro-organisms)

Distal rotation control for more rotation stability between liner and socket and better guidance and control of the prosthesis

Anti-rotation strips for above-knee liners AK-Control.Sil prevents twisting between liner and prosthetic socket

New functional cover fabric for easily rolling the liner up or down, minimises longitudinal expansion
Benefits of Streifeneder-Liners for the user

- Maximum wearing comfort of the prosthetic socket
- Punctual and surface cushioning for bony, scarred and difficult residual limbs
- Shape stability for excess soft tissue
- Targeted stump compression for reduction and prevention of oedema; post operative and preventative
- Reduction of stump volume changes (stump fluctuations)
- Reduced elongation due to integrated, textile reinforcement
- Skin caring ingredients such as medical white oil provide protection and care
- Safe adaption between user’s stump and prosthesis by means of proven pin- or cord lock or vacuum socket technology (VST)
- Simple handling, easy cleaning and guaranteed longevity
- Easy rolling up and down of the liner due to smooth fabric cover
- Less restraining prosthetic care possible (renouncement of high condylar guard or upper thigh cuff with lateral splint guard)
<table>
<thead>
<tr>
<th>Walky System</th>
<th>ClearSil.compression</th>
<th>ClearSil.basic</th>
<th>ClearSil.stabil</th>
<th>ClearSil.cushion</th>
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<tbody>
<tr>
<td>Pear-shaped BK-stump (trans-tibial-stump)</td>
<td>![• • •] post-operative</td>
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<td>Normal cylindrical BK-stump (trans-tibial-stump)</td>
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<td>Bony conical BK-stump (trans-tibial-stump)</td>
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<td>Cylindrical AK-stump (trans-femoral-stump)</td>
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<tr>
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<th>2colourSil.basic</th>
<th>ComfortSil.basic</th>
<th>ClassicSil.basic</th>
<th>AKControl.Sil</th>
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</thead>
<tbody>
<tr>
<td>Activity level</td>
<td>1 to 3</td>
<td>1 to 3</td>
<td>2 to 4</td>
<td>1 to 4</td>
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<tr>
<td>3 mm basic</td>
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<tr>
<td>6 mm soft</td>
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- 3 mm basic
- 6 mm soft
- for large BK-stumps
Silicone Liners

- Excellent cleaning properties by closed-pore surface
- Outstanding skin comfort, as silicone is physiologically safe
- Oils contained in the silicone moisturise the residual limb skin
- Thin liner wall provides at the same time good shape stability
- Good circular elasticity for stump fluctuations
- Low longitudinal tension of silicone liners with fabric cover
- Positive compression benefits the stump
- Excellently suited for early care (interim care)
- Resistant against body fluids, chlorine and UV-light; sterilisable at approx. 120 °C (248 °F)
- Special sizes with matrix length of up to 18 cm available upon request
**ComfortSil.basic, 3 mm**
Silicone Liner made of soft 3 mm Comfort-Sil-Silicone

40L110/..
with distal connection
40L200/..
without distal connection (in sizes 16 – 45)

**ComfortSil.soft, 6 mm**
Silicone Liner made of soft 6 mm Comfort-Sil-Silicone

41L110/..
with distal connection
41L200/..
without distal connection (in sizes 16 – 45)

**ClassicSil.basic, 3 mm**
Silicone Liner made of 3 mm stable two layer Duo-Sil-Silicone

50L110/..
with distal connection
50L200/..
without distal connection (in sizes 16 – 45)

**ClassicSil.soft, 6 mm**
Silicone Liner made of 6 mm stable two layer Duo-Sil-Silicone

51L110/..
with distal connection
51L200/..
without distal connection (in sizes 16 – 45)

**AK-ControlSil, 2mm**
AK silicone liner made of medium stable Control-Sil-Silicone

60L1/..
with distal connection
(in sizes 16 – 45)