

ProSeal System

Proximal sealing made easy

Quality for life



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ProSeal provides a proximal seal for vacuum sockets in transfemoral fittings. The system consists of the ProSeal ring and ProSeal SIL liner; it is easy to handle for you and your customer. The ProSeal ring is individually integrated in the proximal area of the socket. In the interplay with the ProSeal SIL liner, a larger effective vacuum surface is thereby created, ensuring a comfortable and effective hold for the prosthesis.

Features & Benefits

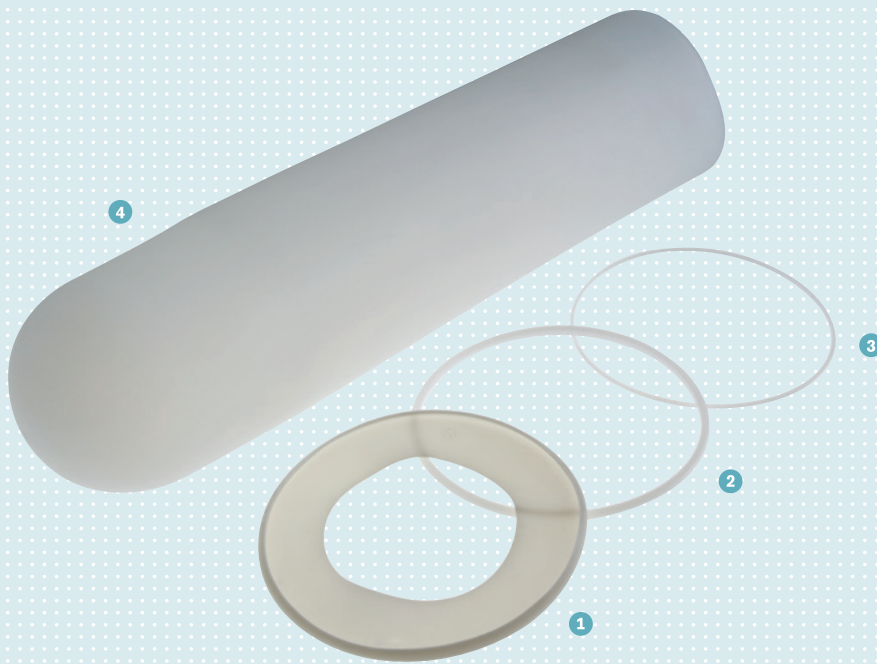
Proximal seal for vacuum sockets in transfemoral fittings

- Larger effective vacuum surface
- Better adhesion over the entire socket surface
- Individual positioning of the sealing lip (30-50 mm below the perineum)

Easy installation by the prosthetist

- Only a few additional steps
- ### **Non-sticky coating on the outside of the liner**
- Liner and socket are easy for the wearer to put on and take off
- ### **Silky texture on the inside of the liner**
- For improved adhesion and comfort





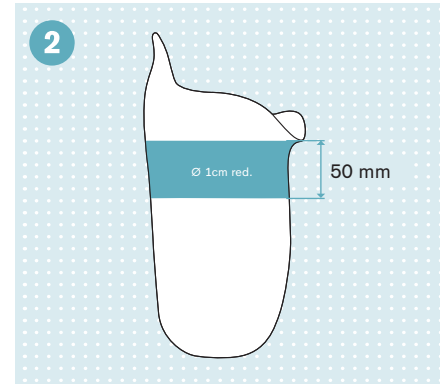
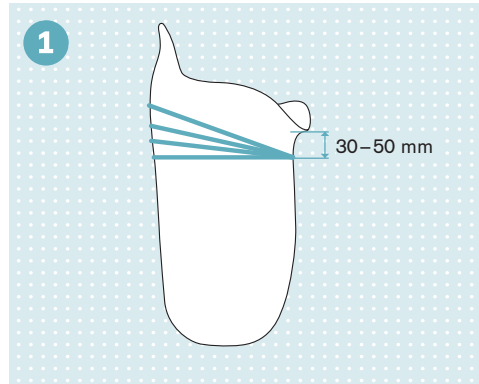
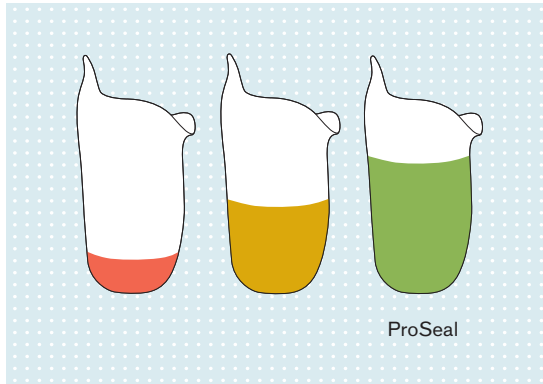
452A1=* ProSeal Ring

A ring to be attached inside of the socket to create the proximal seal for the vacuum system, e.g. fittings with a ClickValve.

- 1 Sealing ring
- 2 Dummy for laminating/vacuum forming
- 3 Flexible mounting ring

6Y81=* ProSeal SIL Liner

4 A 3 mm silicone liner without textile component and a non-sticky coating on the outside and silky surface structure on the inside makes it easy and comfortable to slide the residual limb into the socket.



Indications

- Transfemoral amputees
- Minimum residual limb length 13 cm
- MOBIS grade 2 – 4
- Recommended for use in vacuum sockets with the **21Y21 ClickValve**

Size selection on the basis of the plaster positive

- To determine the required ring, measure the circumference 30 – 50 mm below the perineum on the plaster positive (see Fig. 1).
- The rings may be inserted slightly askew to the longitudinal axis of the socket (see Fig. 1). The ring should be at least 30 – 50 mm below the socket brim (perineum region).
- The rings are available in size steps of 2 cm. Use the next larger size for measurements between the available ring sizes.

Reducing the Plaster Positive

- We recommend taking the plaster cast over the liner. The socket should be of the ischial containment type. Reduce the circumference of the resulting plaster positive at the proximal 5 cm (measured from the perineum) by 1 cm (2%). Do not reduce the rest of the plaster positive. The reduction refers to the circumferences measured on the residual limb covered by the liner. (see Fig. 2)
- Pay attention to soft, round shaping when reducing.

Ordering Information

ProSeal Ring

Sealing ring including separate fixation ring and dummy to create the groove in the socket

Art. No.	Sizes (circumference 30–50 mm below the perineum)			
452A1=*	320	400	480	560
	340	420	500	580
	360	440	520	600
	380	460	540	640

ProSeal SIL Liner

Silicone liner, 3 mm wall thickness, no textile components, non-sticky coating on the exterior surface, silky texture of interior surface

Art. No.	Sizes (circumference 40 mm above the distal end of the residual limb)			
6Y81=*	280	340	400	500
	300	360	420	550
	320	380	450	

Recommended for use with the **21Y21 ClickValve** exhaust valve