



OPTI-SEAL®








The ESP Opti-Seal® serves as a prosthetic suspension aid that allows you to create a customized sealing liner. It is easily and quickly installed onto most prosthetic liners to improve suction and/or to enhance mechanical suspension by reduce pistoning and rotation.






Some Suggested Applications:

- Bond to your liner of choice in ANY location to create a sealing liner.
- Bond to prosthetic socks to create your own sealing sock.
- Use with locking liners to reduce pistoning and rotation.
- Use to enhance socket fit and manage volume change during the transition from temporary to definitive prosthesis.
- May be worn directly on residual limb to enhance prosthetic suspension when no liner is used.

Installation Instructions

Installation

1. Place liner on patient and temporarily tape Opti-Seal® to liner for fitting purposes. Ring may have to be repositioned to determine appropriate location for optimal comfort and function. 
2. Once desired location is determined, mark outer surface of liner to indicate Opti-Seal® borders. 
3. After markings are made, remove liner and place it on patient's cast model. 
4. Place Opti-Seal® on liner and position it to match up with markings. 
5. Wrap colored tape around liner to closely follow proximal and distal borders of Opti-Seal® (using wider tape will help protect liner surface from excess glue). 

6. Apply plastic packing tape along outside borders of colored tape to protect liner surface from excess adhesive. 
7. Remove Opti-Seal® and apply 2 beads of adhesive approx 3/16" (1/2cm) wide in the area between the 2 rings of tape. Smooth glue to evenly distribute over area. 
8. Place Opti-Seal® over area of glue and move into position; gently press and smooth ring into place and let dry for 10-15 minutes. 
9. Remove tape borders and squeeze a thin bead of adhesive to fill proximal area where Opti-Seal® and liner surface meet. Smooth bead of adhesive with finger to blend and create a finished edge. Repeat process on distal border of Opti-Seal®. *Helpful Hint: Use rubbing alcohol on finger to easily smooth the adhesive.* 
10. Leave liner on cast to allow adhesive to fully cure for a full 24 hours before using liner. *Helpful Hint: Curing time can be accelerated by adding heat up to 180°.* 

Opti-Seal® Sizes

- Part No.** - (Rings also sold individually)
- ESP-OS-A - fits 14cm - 22cm
 - ESP-OS-B - fits 22cm - 30cm
 - ESP-OS-C - fits 30cm - 38cm
 - ESP-OS-D - fits 38cm - 46cm

- Part No.**
ESP-OS-1 4 Rings (1 of each ring size)



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