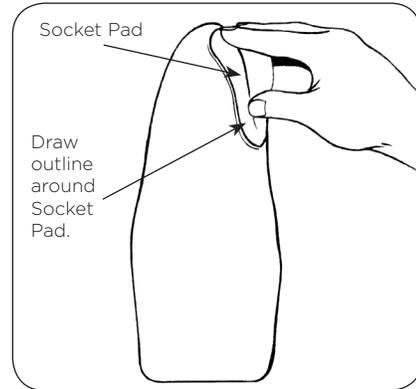


# Alpha® Socket Pad Fabrication Instructions

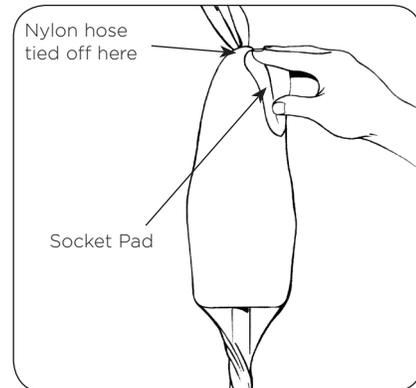
## WHAT'S IN THE BOX

1 set Alpha Socket Pads  
Instructions

1. Modify and smooth the cast according to the directions in the Alpha Liner Instruction Manual.
2. Outline the placement of the Alpha Socket Pad(s) on the modified and smoothed cast.

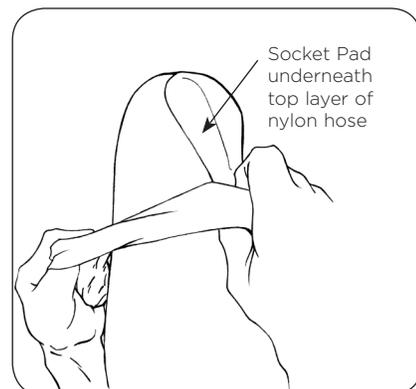


3. Pull half of the length of a nylon hose over the cast. Tie off the nylon hose at the distal end of the cast. Smooth out any wrinkles in the nylon hose.
4. Place the Alpha Socket Pad within the outline drawn in Step 2.



5. Reflect the remaining nylon hose over the Alpha Socket Pad and cast.

**Note: Make sure that the reflected nylon hose is tight enough to prevent movement of the Socket Pad.**



Alpha Products can melt or burn if exposed to high temperatures or flame.  
Do not expose your Alpha product to these conditions.

6. Tape or tie the nylon hose around the plaster pipe to prevent movement. Remove any remaining wrinkles in the nylon hose.
7. **For a thermoplastic socket:**
  - a. Fabricate using standard techniques, ensuring that the Alpha Socket Pad does not migrate during this step.
  - b. Cool the hot thermoplastic with air or water quickly to prevent heat-induced damage to the Alpha Socket Pad.
  - c. After the thermoplastic has cooled sufficiently, remove the socket from the cast using standard techniques. Remove the Alpha Socket Pad from between the layers of nylon hose.
- For a laminated socket:**
  - a. Apply a PVA bag over the cast and the Alpha Socket Pad. Fabricate using standard techniques, ensuring that the Alpha Socket Pad does not migrate during this step.
  - b. After the socket has cured sufficiently, remove the socket from the cast using standard techniques. Remove the Alpha Socket Pad from between the layers of nylon hose.
8. Finish the trim line of the socket according to the directions in the Alpha Liner Instruction Manual
9. To promote glue adhesion, lightly sand the interior of the socket in the area where the Alpha Socket Pad will be placed.
10. Clean the interior of the socket to prepare for Step 11.
11. Apply Master Quick Drying All-Purpose Cement (or equivalent) to both the Alpha Socket Pad and the corresponding area within the socket. Follow the manufacturer's instructions for the adhesive before proceeding to Step 12.
12. Install the Alpha Socket Pad, being careful to minimize any transitional edges between the Alpha Socket Pad and the socket.
13. To ensure proper placement of the Alpha Socket Pad, allow for the adhesive manufacturer's proper curing time before using the socket.

#### **WARRANTY (UNITED STATES)**

WillowWood warrants each Alpha Socket Pad from the date of purchase for a period of thirty (30) days against defects in material and workmanship.

A product returned during the warranty period will be evaluated and repaired or replaced at WillowWood's discretion. To avoid restocking fees, you must obtain a Return Merchandise Authorization (RMA) Number prior to the return of any WillowWood product. Call 800.848.4930 or 740.869.3377 to obtain an RMA.

#### **WARRANTY (OUTSIDE THE UNITED STATES)**

WillowWood guarantees that this product leaves the factory free of material and manufacturing defects.

The wear and service life of this product will be greatly affected by the technique and care applied by the prosthetist during fabrication and fitting of the prosthesis and by the level of care provided by the amputee.

Please contact your local distributor for further information.

#### **WARRANTY DISCLAIMER**

WillowWood warrants that each product manufactured will, at the time of delivery, be of workmanlike quality and substantially free of defects. WILLOWWOOD MAKES NO OTHER WARRANTY, IMPLIED, OR EXPRESSED, AND MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty shall terminate immediately upon an action to combine our products with other materials or in any manner to change the nature of our products. The sole remedy is replacement of the products or credit for the products. WillowWood's liability shall not exceed the purchase price of the product. WillowWood shall not be liable for any indirect, incidental, or consequential damage.

#### **WILLOWWOOD RETENTION OF RIGHTS**

WillowWood retains all intellectual property rights reflected or incorporated in its physical products, regardless of the transfer of the physical products to another party or parties.

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