



# Extreme AK/BK Gel Liner

AKDT XX- 3mm, 6mm



Covered by one or more of the following patents

6,454,812B1

6,552,109B1

6,867,253B1

7,344,568B2



### **Donning the Extreme Liner**

Simply invert the liner, properly align the pin, and don the liner. **Avoid petroleum jelly and other oil based lubricants**, as they will damage the Gel Liner. **Talcum powder will form a scaling on the surface of the Liner.**

Remove any air pockets trapped between the residual limb and the liner.

Place a prosthetic sheath or sock over the Extreme Liner.  
Introduce the residual limb into the socket.

### **Storing the Extreme Liner**

Always keep the foam insert in the liner when not in use. Lying flat for long periods may cause creases to develop.

### **Cleaning the Extreme Liner**

**Daily:** Wash the liner and the residual limb with warm water and a neutral soap such as Alps Cleanser PD 595 or other hypoallergenic pH-balanced soap. Use a wash cloth, but do not rub, or scrub on the gel or you will damage the liner. Rinse Well. Wipe the liner dry with a clean, dry towel.

**Weekly:** Place a small amount of rubbing alcohol on a soft, clean cloth. Wipe the liner with the cloth thoroughly, wipe dry with a towel. **DO NOT** soak the liner in alcohol.

**Occasionally:** When the fabric gets very soiled, wash in washing machine using the cold cycle and fabric detergent, using the extra rinse cycle; then dry in a clothes dryer using the “fluff” cycle.

To remove a stain on the fabric side, use a cloth dampened in nail polish remover (acetone) and rub until clean. **DO NOT SOAK IN ACETONE OR YOU WILL DISSOLVE THE GEL.**

## F.A.Q.'s

**Question:** My patient after using the liner for the first time complained of excessive perspiration.

**Answer:** Excessive perspiration is normal. It will gradually diminish over a period of two to six weeks. You may use an antiperspirant, but, if a rash develops, discontinue its use.

**Question:** Do I trim the liner above the knee or just above the socket edge or do I reflect the Liner over the socket to provide suspension?

**Answer:** You can do all of the above. We recommend that you trim 1" above the edge of the socket. To trim, you may use scissors, a pizza roller or a hot knife for plastics.(McMaster Carr's Part #2453A61, tel. 1-404-346-7000). If you choose to reflect the Liner over the socket, make sure that the edge of the socket is well taped or you will cut a hole in the liner. (In such a case, the warranty will not apply.)

**Question:** The liner stains very easily. Does this affect its performance?

**Answer:** No, performance is not affected. It is true that liner's pick up stains easily. If the stain cannot be removed with the procedures described above, it is recommended that the exposed portion of the liner be covered with a 14" to 16" piece of stockinet or with a high performance fabric cover available from Alps.

**Question:** I have experienced micro cracking of the surface.

**Answer:** Micro cracking can take place either when:

a) Petroleum products or organic oils (including human fatty acids) come in prolonged contact with the Liner. Some patients' skin may be oily enough to induce micro cracking. In such cases the life expectancy of the liner is greatly reduced. The prosthetist will decide if the liner is the appropriate liner for such patients.

b) The liner is stretched over 100% of its original dimension and kept in a stretched position.

**Question:** How do I prevent the pin from unscrewing from the liner's distal end?

**Answer:** Use loctite type thread locking compound 242 or equivalent.

## **WARRANTY**

**30-day satisfaction guaranteed**, no questions asked

**24 month** warranty against manufactures defects **if pair** is issued to amputee

**12 month warranty** against manufactures defects if **a single** liner is issued to amputee

To obtain an Alps Return Authorization Number (RA#) call Alps Customer Service between the hours of 8 am and 5 pm and provide an Alps representative with the following information:

**Customer ID # -- Invoice # -- Date of Invoice – Nature of Return**

The RA# must be displayed on the exterior of the returned item box or it will be refused at the dock.

**Warning:** Specific exclusions from this warranty are: cuts, holes, any rips due to hits, scrapes, etc.



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