

# Liners & Suspension

## Alpha® Select Liners

The Alpha Select Liner combines several hallmark liner characteristics into one product. Transtibial amputees wearing the Alpha Select Liner experience a comfortable thermoplastic elastomer liner that allows for easy bending and flexing of the knee, controlled pistoning, and easy donning. The liner is well-suited for amputees accustomed to the durability of silicone but seeking greater comfort and skin-friendly composition.

The *Alpha Select Liner with progressive gel style* and accordion umbrella is a solution for several common amputee issues:

- For extra cushioning during ambulation the liner's distal gel thickness is 9 mm.
- Protection for the sensitive tibial crest area is provided with 6 mm gel thickness.
- To reduce bunching and allow for a broad range of knee motion, gel thickness behind the knee was reduced to 2.5 mm.
- For less bulk at the top of the liner, the 2.5 mm gel thickness was extended to the liner's proximal edge.

The liner's hybrid gel provides a balance of comfort and durability. It protects the limb from impact, continually cushions the limb, and resists excessive elongation. The hybrid gel is perfectly paired with the Select Liner's one-way stretch fabric that effectively controls pistoning without incorporating a distal matrix. This unique fabric, engineered exclusively for Ohio Willow Wood, allows circumferential stretch, yet maintains liner elongation within specified limits.

A flexible panel incorporates an abrasion-resistant fabric allowing the limb to easily flex without pulling and tightening at the knee. When coupled with the thin gel behind the knee, the liner allows for comfort while sitting or bending for extended periods of time. A new socket should be fabricated for best use of the Alpha Select Liner with progressive gel style.

The *Alpha Select Liner with uniform gel style* is a solution for amputees currently wearing a 6 mm uniform Alpha Liner and want to experience the benefits of this new liner. The Select with a uniform gel style has a standard umbrella and should retrofit with current sockets.



- **Controlled Pistoning Without a Distal Matrix**
- **New Hybrid Gel Combines Durability & Comfort**
- **Broad Range of Knee Flexion**
- **Accordion Umbrella Blends with Patient Anatomy**
- **Retrofitable Option**

### SPECIFICATIONS

<b>STYLES</b>	Progressive Uniform
<b>GEL</b>	Hybrid
<b>COLORS</b>	Light Gray/Gray
<b>THICKNESS</b>	9 mm distal, 6 mm tibial crest, 2.5 mm proximally (Progressive) 6 mm (Uniform)
<b>SIZES</b>	Small, Medium, Medium Plus, Large, Large Plus, Extra Large
<b>TRIAL PERIOD</b>	10 days from fit date/invoice date
<b>WARRANTY</b>	12 months from fit date or invoice date Register liners online at <a href="http://www.owwco.com">www.owwco.com</a>
<b>U.S. CODE SUGGESTION</b>	L-5673 Locking Liner (bill once per liner)

For locking liners, Ohio Willow Wood strongly recommends applying Loc-Tite Removable Threadlocker 242 (or equivalent) to the pin threads prior to installing the pin. Failure to ensure that the locking pin is secure in the Locking Liner could result in the pin coming out of the liner, resulting in the potential for injury to the amputee.

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## ORDERING GUIDELINES: Alpha® Select Liners

### Alpha Select Liner Part Numbers

H352-6393	Alpha® Select Hybrid Gel Progressive Small, Standard Umbrella
H352-6390	Alpha® Select Hybrid Gel Progressive Medium, Accordion Umbrella
H352-6394	Alpha® Select Hybrid Gel Progressive Medium Plus, Accordion Umbrella
H352-6396	Alpha® Select Hybrid Gel Progressive Large, Accordion Umbrella
H352-6398	Alpha® Select Hybrid Gel Progressive Large Plus, Accordion Umbrella
H352-6397	Alpha® Select Hybrid Gel Progressive Extra Large, Accordion Umbrella
H351-5363	Alpha® Select Hybrid Gel Uniform Small, Standard Umbrella
H351-5360	Alpha® Select Hybrid Gel Uniform Medium, Standard Umbrella
H351-5364	Alpha® Select Hybrid Gel Uniform Medium Plus, Standard Umbrella
H351-5366	Alpha® Select Hybrid Gel Uniform Large, Standard Umbrella
H351-5368	Alpha® Select Hybrid Gel Uniform Large Plus, Standard Umbrella
H351-5367	Alpha® Select Hybrid Gel Uniform Extra Large, Standard Umbrella

**NOTE:** Accordion distal umbrella sizes change with each size liner.  
For Alpha Select Liners with uniform gel style, standard distal umbrellas are used.

See Alpha Ordering Guidelines for additional ordering and warranty information.