



# LIMTEX

TM  
©

## ZERO ITCH ORGANIC BRAIDED BIAXIAL SLEEVING

- New and unique fabrication material.
- Developed specifically for the fabrication of Prosthetic sockets.
- Dynamic stiffness
- Good impact resistance.
- Elimination of flying fibers that cause the “itch factor” keeps Technicians happy !

*LIMTEX = dynamic stiffness + strength = low weight + stiffness regulation by layering and fiber orientation.*

### LIGHTER, LESS STIFF, STRONGER

LimTex is lighter than regular glass braided sleeving and has 80% the level of stiffness with 3 X the impact resistance, for the same carbon layup, at a much lower cost.

### STIFF OR FLEXIBLE SOCKETS

Depending on practitioner preference, stiffness can be easily regulated by choosing the appropriate number of braided sleeving layers.

### 100% ECO FRIENDLY

LimTex is 100% green & eco-friendly which produces less “flying fibers” and fabricators benefit from zero “itch” factor during handling, grinding and sanding.

### GREAT FATIGUE STRENGTH

LimTex provides great fatigue and torsional strength due to its unique braided architecture.

### AVAILABLE IN NATURAL WHITE

Available in natural white only that provides a great background for LimbArt Prosthetic Laminating Sleeves in any design or color.

### EASY TO USE

The LimTex Braided Sleeving is very easy to use and very shape conformable with large circumference size ranges.

### WETS OUT FASTER

LimTex wets out fast due to its high fiber / resin interface, eliminating air entrapment and potential voids.

### LOWER COST

More cost effective than knitted fiberglass stockinette and other traditional braids. Available in 4, 5, 6, 8, 10 inch diameters.

[www.ortholam.us](http://www.ortholam.us)



# ORTHOLAM



# ORTHOLAM Inc.

## LIMTEX PRODUCT TECHNICAL INFORMATION

### ➤ LAMINATING

For the best edging results, use 4 layers of perlon stockinette as the foundation layer and 2 layers on the outside.

½ oz Dacron felt is ideal as the first layer to provide an ultra smooth internal surface.

Use our Uni-Directional tape to reinforce the proximal brim and other areas of the socket as needed.

### ➤ USE WITH LIMBART SLEEVES

LimTex braid will create incredible color combinations and enhancement when used in conjunction with LimbArt Sleeves or pigmented designs.

### ➤ GRINDING

LimTex is not carbon, it simply requires a different finishing technique. Only use sharp abrasives, dull abrasives will generate heat and cause smearing/burnishing of the fibers.

Practice using a “light touch” technique with a sharp cone.

Use high speed and low pressure to avoid smearing of the fibers.

### ➤ EDGE FINISHING

Finish using conventional wet sanding with 220 grit, followed by 400 grit wet & dry sanding paper.

The use of inner and outer layers of perlon stockinette / or a LimbArt sleeve is recommended.

### ➤ TIPS

LimTex braid will considerably enhance the colors of LimbArt graphic art sleeves applied as the final layer.

We recommend using LimTex braid to replace multiple and combinations of layers of knitted Perlon, Nyglass, Fiberglass stockinette or other braided fibers.

For extra bright graphics, use white pigment with the first stage lamination and use LimTex braid

with a LimbArt sleeve as the final layer for the second stage lamination.



Product Description	Order Code	Product Description	Order Code	Product Description	Order Code
LimTex Braid—4” x X feet	LTX 4 - X	LimTex Braid—6” x X feet	LTX 6 - X	LimTex Braid—10” x X feet	LTX 10 - X
LimTex Braid—4” x 10 feet	LTX 4 - 10	LimTex Braid—6” x 10 feet	LTX 6 - 10	LimTex Braid—10” x 10 feet	LTX 10 - 10
LimTex Braid—4” x 30 feet	LTX 4 - 30	LimTex Braid—6” x 30 feet	LTX 6 - 30	LimTex Braid—10” x 30 feet	LTX 10 - 30
LimTex Braid—4” x 50 feet	LTX 4 - 50	LimTex Braid—6” x 50 feet	LTX 6 - 50	LimTex Braid—10” x 50 feet	LTX 10 - 50
LimTex Braid—5” x X feet	LTX 5 - X	LimTex Braid—8” x X feet	LTX 8 - X		
LimTex Braid—5” x 10 feet	LTX 5 - 10	LimTex Braid—8” x 10 feet	LTX 8 - 10		
LimTex Braid—5” x 30 feet	LTX 5 - 30	LimTex Braid—8” x 30 feet	LTX 8 - 30		
LimTex Braid—5” x 50 feet	LTX 5 - 50	LimTex Braid—8” x 50 feet	LTX 8 - 50		

100% MANUFACTURED IN THE USA



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