



Mid-Mountain Materials

THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

HYTEX® 700 GLASS INDUSTRIAL TEXTILES

650°F • 345°C

HYTEX® 700 textile products are produced from blended yarns of Kevlar® and glass fibers. The blend combines the wear resistance of fiberglass with the tensile strength of Kevlar® to produce products with good strength and abrasion resistance at temperatures to 650°F • 345°C. Strength and dimensional stability are excellent while weight is low. HYTEX® 700 textiles are especially suited for use in heat shields, curtains, and various insulation applications.

AVERAGE PHYSICAL PROPERTIES OF FIBER

- > Composition Kevlar® - Glass Blend
- > Color Light Yellow
- > Use Limit, short term 750°F • 400°C
- > Use Limit, continuous 650°F • 345°C
- > Melting Point Decomposes @ 800°F • 425°C
- > Acid Resistance Fair
- > Alkali Resistance Fair
- > Abrasion Resistance Good
- > Solvent Resistance Excellent
- > Sunlight & Aging Resistance . Fair

HYTEX® 700 PRODUCTS

| PRODUCT | TYPE | WIDTH/DIAMETER | THICKNESS |
|----------|---------|----------------|----------------|
| Cloth | Woven | 40" | Various |
| | Knit | 12" to 40" | .060" to .250" |
| Tape | Woven | 1/2" to 6" | Various |
| | Knit | 1/2" to 12" | .060" to .250" |
| Sleeving | Braided | 1/16" to 3" | .060" to .250" |
| | Knit | 1/8" to 20" | .060" to .125" |
| Rope | Braided | 1/8" to 3" | |
| | Knit | 1/8" to 1 1/2" | |

HYTEX® 700 may be supplied to military and federal specifications upon request. They can also be manufactured with special densities, constructions, and coatings, and with pressure-sensitive adhesive backing.

Kevlar® is a registered trademark of E.I. Du Pont Co., Wilmington, Delaware.

The technical data presented herein are indicative of representative properties and are intended as a specification guide only. No warranties are expressed or implied as application conditions are beyond our control.