



THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

SILTEX® 1800 AMORPHOUS SILICA INDUSTRIAL TEXTILES

1800°F • 980°C

SILTEX® 1800 is a family of high performance textiles comprised of high purity, high strength amorphous silica fibers. SILTEX® 1800 Industrial Textiles demonstrate excellent thermal stability, have insulating values up to 1800°F • 980°C, and are designed for use where severe temperature conditions exist.

AVERAGE PHYSICAL PROPERTIES OF FIBER

- | | | | |
|-----------------------------------|----------------------|---------------------------------|-----------|
| > Composition | 96% Amorphous Silica | > Acid Resistance | Good |
| > Color | White or Tan | > Alkali Resistance | Poor |
| > Use Limit, short term | 2300°F • 1260°C | > Abrasion Resistance | Poor |
| > Use Limit, continuous | 1800°F • 980°C | > Solvent Resistance | Excellent |
| > Melting Point | 2300°F • 1260°C | > Sunlight & Aging Resistance . | Excellent |

SILTEX® 1800 PRODUCTS

| PRODUCT | TYPE | WIDTH/DIAMETER | THICKNESS |
|----------|---------|----------------|----------------|
| Tape | Woven | 1" to 6" | .015" to .100" |
| | Knit | 1/2" to 12" | .050" to .200" |
| Sleeving | Braided | 1/4" to 4-1/2" | .031" to .125" |
| | Knit | 1/8" to 20" | .050" to .125" |
| Rope | Braided | 1/8" to 1" | |
| | Twisted | 1/8" to 2" | |

SILTEX® 1800 products may be manufactured to conform to the specifications of MIL-I-24244 leachable chlorides and can be supplied with special densities, coatings, and with pressure-sensitive adhesive backing on request.

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.