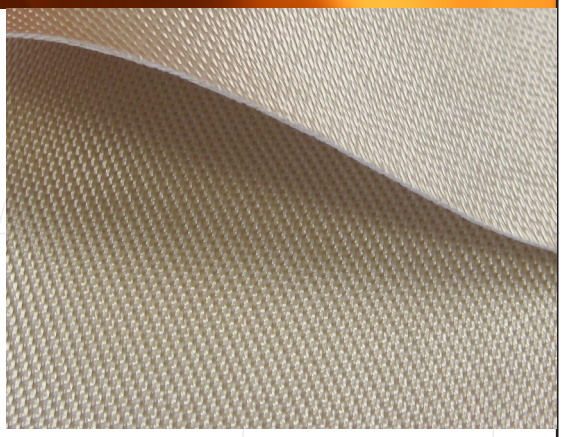
Mid-Mountain Materials
INCORPORATED

THE FINAL BARRIER
AGAINST ABRASION,
CHEMICALS AND HEAT

SILTEX® 18-UH AMORPHOUS SILICA CLOTH



SILTEX® 18-UH is a high performance fabric comprised of amorphous silica fibers woven into strong, flexible fabrics designed for use where severe temperature conditions exist. Manufactured to a finished weight of 18 ounces per square yard, the unique properties of SILTEX® 18-UH make it well suited for protection of personnel and equipment against moderate welding splatter, sparks, grinding of metals, etc. SILTEX® 18-UH is also excellent for use in engineered thermal insulation systems.

AVERAGE PHYSICAL PROPERTIES

Material	96% Amorphous Silica
Coating	Latex
Construction	Woven fabric, 8 harness satin
Use Limit	
Continuous	1800° F • 982° C
Intermittent	2300° F • 1260° C
Melting Point	3100° F • 1704° C
Weight, oz/sy, nominal	18
Thickness, inches, nominal	.027
Break Strength, lb /in, nominal, warp x fill	>150 x 100
Linear Shrinkage, % @ 30 minutes	<17 @ 1800° F • 982° C
Silica Content, %	96 (+/- 1)
Width, inches, nominal	36 (+/- 5%)
Packaging	50 LY per roll, standard
	300 LY master roll

Tolerance is +/- 10% unless otherwise stated.

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

Mid-Mountain Materials, Inc. • Telephone (800) 382-2208 • (206) 762-7600 • Fax (206) 762-7694
PO Box 800 • 2731 - 77th Avenue SE, Suite 100 • Mercer Island, WA 98040
Info@mid-mountain.com • www.mid-mountain.com