



# ENVIRONMENTAL PROTECTION PRODUCTS AND THERMAL BARRIERS For A Green World

## 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 SILICA CLOTH make it well suited for protection of personnel and equipment against welding splatter, sparks, grinding of metals, etc. SILTEX® 18-UH SILICA CLOTH is also excellent for use in engineered thermal insulation systems.



### AVERAGE PHYSICAL PROPERTIES

Material	95% Amorphous Silica (+/-1%)
Construction	Woven Fabric, 8 Harness Satin
Coating	Acrylic
Count, inches • cm	48 x 35 (+/- 2.5) • 19 x 14 (+/-1) (warp x fill)
Operating Temperature	1800° F • 982° C
Weight, oz/sy • gm/sm, nominal	18 (+/0.9) • 610 (+/-30)
Thickness, inches • mm, nominal	.031 (+/- .003) • 0.78 (+/- 0.07)
Tensile Strength, lb/in • N/5cm	319 x 217 • 2800 x 1900 (warp x fill)
Composition	
SiO <sub>2</sub>	95% (+/-1)
Al <sub>2</sub> O <sub>3</sub>	3.5% (+/- 0.5)
Width, inches • cm, nominal	36 (+/- 0.8) • 91.44 (+/- 2)
Packaging, LY • M	50 • 45.72 per roll, standard

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 warranties are expressed or implied as application conditions are beyond our control.

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