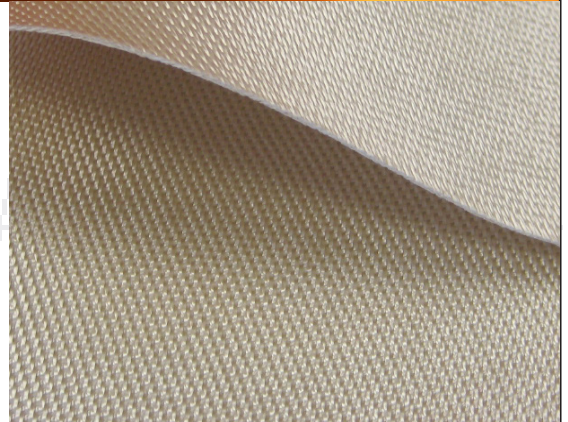




THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

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	95% Amorphous Silica (+/-1%)
Coating	Polyvinyl Acetate
Construction	Woven Fabric, 8 Harness Satin
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 (+ 0.6/-1.2) • 610 (+20/- 40)
Thickness, inches • mm, nominal	.028 (+/- .003) • 0.70 (+/- 0.07)
Tensile Strength, lb/in • N/5cm	400 x 285 • 3500 x 2500 (warp x fill)
Composition	
SiO ₂	95% (+/-1)
Al ₂ O ₃	3.5% (+/- 0.5)
Width, inches • cm, nominal	36 (+0.8/-0.4) • 91.44 (+2/-1)
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.