



ENVIRONMENTAL PROTECTION PRODUCTS AND THERMAL BARRIERS For A Green World

SILTEX® 36-UH AMORPHOUS SILICA CLOTH

SILTEX® 36-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 36 ounces per square yard, the unique properties of SILTEX® 36-UH make it well suited for protection of personnel and equipment against moderate welding splatter, sparks, grinding of metals, etc. SILTEX® 36-UH is also excellent for use in engineered thermal insulation systems.



AVERAGE PHYSICAL PROPERTIES

Material	95% Amorphous Silica (+/-1%)
Construction	12 Harness Satin
Coating	Acrylic
Weight, oz/sy • g/sm, nominal	35.4 (+/- 1.5) • 1200 (+/- 50)
Thickness, inches • mm, nominal	0.045 (+/- 0.006) • 1.15 (+/- 0.15)
Count, inches • cm	45.7 x 30.5 (+/- 2.5) • 18 x 12 (+/-1)(warp x fill)
Operating Temperature	1800° F • 982° C
Melting Point	2462° F • 1350° C
Tensile Strength, lbs/in • N/2.5cm	685 x 571 • 3000 x 2500 (warp x fill)
Linear Shrinkage, % @ 1832°F • 1000°C, 30 minutes	<14
Composition	
SiO ₂ , %	95 (+/- 1)
Al ₂ O ₃	3.5 (+/- 0.5)
Width, inches • meters, nominal	36 • 0.9144 (+/- 5%)
Packaging	50 LY • 45.72 M 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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