



THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

SILTEX® 46-UH AMORPHOUS SILICA CLOTH

SILTEX® 46-UH is a heavyweight, high performance textile fabric comprised of high purity, high strength amorphous silica fibers woven into a strong, flexible fabric designed for use where severe temperature conditions exist. Manufactured to a finished weight of 46 ounces per square yard, it is a premium product for maximum protection of personnel and equipment against more severe welding splatter, sparks, grinding of metals, etc. SILTEX® 46-UH is also excellent for use in engineered thermal insulation systems that require higher strength and improved thermal properties over the lighter weight materials.

AVERAGE PHYSICAL PROPERTIES

Material	96% Amorphous Silica
Construction	Double Plain Weave
Weight, oz/sy • g/sm, nominal	46 • 1560
Thickness, inches • mm, nominal	0.12 • 3.048
Use Limit	
Continuous	1800° F • 982° C
Intermittent	2300° F • 1260° C
Melting Point	3100° F • 1704° C
Tensile Strength, lbs/in • N/5cm	200 x 100 • 1751 x 875
Linear Shrinkage, % @ 30 minutes	<17 @ 1800° F • 982° C
Silica Content, %	96 (+/- 1)
Width, inches • meters, nominal	40 • 1.016 (+/- 5%)
Packaging	50 LY • 45.72 M per roll, standard
	100 LY • 91.44 M, 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 warranties are expressed or implied as application conditions are beyond our control.

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