



# ENVIRONMENTAL PROTECTION PRODUCTS AND THERMAL BARRIERS For A Green World

## SILTEX® 21-AL ALUMINIZED SILICA FABRIC

SILTEX® 21-AL ALUMINIZED SILICA FABRIC is a high performance textile fabric comprised of high purity, high strength amorphous silica fibers woven into a strong, flexible fabric, with an aluminum foil laminated on one side using a very high temperature adhesive. Manufactured to a finished weight of 21 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® 21-AL ALUMINIZED SILICA FABRIC is also excellent for use in engineered thermal insulation systems that require heat shield and containment.

### AVERAGE PHYSICAL PROPERTIES

Base Fabric	97% Amorphous Silica
Weave	8 Harness Satin
Finish	Laminated Aluminum Foil, One Side
Weight, oz/sy • g/m <sup>2</sup>	21 • 712 (+/- 1)
Thickness, inches • mm	0.026 • 0.66
Use Limit, Foil Side, Direct Contact	1000° F • 538° C
Use Limit, Fabric Side, Continuous	1800° F • 982° C
Radiant Heat Foil Side	1400° F • 760° C
Adhesive Temperature Resistance	Up to 450° F • 232° C
Silica Content, %	97 (+/- 1)
Available Foil Thickness, inches • mm	0.001 - 0.0015 • 0.025 - 0.038
Width, inches • meters	32.75 • 0.831 (+/- 3%)
Packaging, LY • meters	50 • 45.72

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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