



TECHNICAL DATA SHEET

Silica Cloth

DESCRIPTION:

Silica Cloth is a refractory satin weave fabric manufactured from ≥96% silica. Material is fireproof, rated to 1800°F (982°C), and engineered with a proprietary abrasion-resistant finish. Cloth is available in 18oz is recommended for light welding and spark protection, whereas 36oz is recommended for heavyweight close proximity horizontal welding protection. Both grades of material are engineered to withstand welding sparks and molten metal splatter while protecting personnel and equipment

Benefits

- Fire proof cloth that is easily sewn and fabricated
- Excellent strength at temp up to 1800°F(982°C)
- Maximum use temperatures of 2300°F(1260°C)
- Melting temperature of 3000°F(1649°C)
- Protects equipment & personnel in welding applications
- Easily resists penetration of weld “slag”
- Passes welding “burn through” test
- No asbestos or ceramic fibers
- Meets military Specs Mil-C-24576A, MIL-Y-1140, MIL-I-24244

Typical Applications

- Foundries, Refineries, and power plants
- Welding and stress relieving applications
- Fabrication of welding curtains, blankets & pads
- Extensive use in Power Generation (Nuclear Approved), Refinery, Metal Processing, Shipbuilding & Repair Industries

Technical Specifications Board

Typical Physical Properties			
Type	Unit	Lightweight 18oz	Heavyweight 36oz
Silica	%	≥96	≥96
Weave Construction	Harness satin	8	12
Nominal Weight	ox/yd ² lb/ft ²	18 .125	36 .25
Nominal Thickness	inches mm	0.030 0.76	0.054 1.37
Width	inches cm	36 91.4	36 91.4
Length	ft m	150 45.72	150 45.72
Color	-	Natural Fabric Color	Natural Fabric Color
Alternate sizing, weight, or forms	Standard Metric	Contact Us	Contact Us



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Temperature Ratings:			
Type	Unit	Lightweight 18oz	Heavyweight 36oz
Continuous Use	°F °C	1800 982	1800 982
Maximum Use	°F °C	2300 1260	2300 1260
Melting Point	°F °C	3000 1649	3000 1649