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# SILICA

## High Temperature Silica Fabric

### Product Specifications

Silica is made of 98% pure continuous filament amorphous silica material. The intended use for this product is in all high temperature applications where the need for thermal insulation and/or protection is required. Silica offers excellent protection against heavy sparks, spatters, and molten slag. Silica has been tested and meets NFPA 701-1999 Fire Tests for Flame-Resistant Textiles and Films Method 1. Silica has been tested and meets NFPA 701-1999 Fire Tests for Flame-Resistant Textiles and Films Method 2.

### Typical Properties

	<u>1200 HT-O</u>	<u>1800-HT-O</u>	<u>3600 HT-O</u>
Color	Tan	Tan	Tan
Weight (Oz./Sq. Yd.)	12.0	18.0	36.0 = 1250 gm/m <sup>2</sup>
Thickness	.020"	.030"	.050" = 1.37 mm
Weave	Plain	8-H Satin	12-H Satin
Silica Content	98%	98%	98%
Breaking Strength	140 * 140 W F	400 * 240 W F	480 * 330 W F
Steady Use Temperature	1800 ° F	1800 ° F	1800 ° F = 950 ° C
Melt Point	3000 ° F	3000 ° F	3000 ° F = 1600 ° C
Width	34"	36"	36"
Approximate Roll Length	50 Yards	50 Yards	50 Yards