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## LEWCO – SIL High Temperature Silica Fabric

### Product Specifications

LEWCO Style 1200 HT-O, 1800 HT-O and 3600 HT-O are made of 98% pure continuous filament amorphous silica material. The intended use for these products is in all high temperature applications where the need for thermal insulation and/or protection is required. Offers excellent protection against heavy sparks, spatters, and molten slag. LEWCO Style 1800HT-O has been tested and meets NFPA 701-1999 Fire Tests for Flame-Resistant Textiles and Films Method 1. LEWCO Style 3600HT-O 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

This information is given in good faith and is believed to be accurate. It is intended for use by persons skilled in the art of fabrication and applying removable/reusable insulation or like products, as well as those working with welding curtains and fire blankets. All liabilities are borne by the user of this fabric. LEWCO does not take any responsibility for misuse of this product. LEWCO recommends testing before use. SLEWCOSIL-07/14/04MEDREV01.