

ALPHA ASSOCIATES, INC.

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ALPHA - SIL
STYLE 1719



DESCRIPTION

ALPHA-SIL STYLE 1719 is a high strength, flexible, refractory silica based fabric.

ADVANTAGES

High temperature resistance, non-oxidizing, low-smoke, non-hygroscopic, good chemical resistance, good abrasion resistance and low thermal conductivity. Alpha-Sil Style 1719 will retain its flexibility even after repeated short term exposure to 1700 °F. (927 °C)

APPLICATIONS

Alpha-Sil Style 1719 has been developed as an asbestos replacement for furnace curtains, vacuum furnace linings, gaskets, seals, conveyor belts, protective clothing, filtration and heat-shield materials.

PROPERTY DATA

STYLE 1719

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<i>ENGLISH</i>	<i>METRIC</i>
WEIGHT	ASTM-D-3776	18.0 oz/syd \pm 10%	612 g/m ² \pm 10%
THICKNESS	ASTM-D-1777	0.029" \pm 10%	0.737 mm \pm 10%
TENSILE STRENGTH	ASTM-D-579	Warp- 800 lbs/in. Fill- 600 lbs/in.	142.88 kg/cm 107.16 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp- 100 lbs Fill- 100 lbs	45.36 kg 45.36 kg
BURST STRENGTH	ASTM-D-3786	900 psi	63 kg/cm ²
TEMPERATURE RESISTANCE		Extended: 1400 °F	760 °C
FLAME RESISTANCE	FED 191/5903.2	Char Length 1/10 inch max. Afterglow 2 seconds Flame Out 0 seconds	0.25 cm max. 2 seconds 0 seconds
COLOR		White, natural color	
BASE FABRIC and WEAVE		Silica/Plain	

DATA SHEET 12702

REV C

DATE: 12/08/00

* All values are nominal unless otherwise specified.

Specializing in marine, aerospace, automotive and commercial fabrics for thermal and industrial applications

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