

ALPHA ASSOCIATES, INC.

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ALPHA - SIL
STYLE 1000



DESCRIPTION

Alpha-Sil Style 1000 is a heavy weight silica fabric, tan in color, with superior physical and thermal characteristics compared to traditional silica fabrics.

APPLICATIONS

Alpha-Sil Style 1000 is intended for use in any application where high heat resistance and thermal protection is required, such as furnace curtains, stress relieving blankets, welding blankets and other heat shielding applications.

ADVANTAGES

The unique properties of Alpha-Sil Style 1000 make it an extremely cost-effective alternative to regular silica fabrics with superior physical properties, such as abrasion resistance and breaking strength, as a bonus.

PROPERTY DATA

STYLE 1000

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	34.0 oz/sy \pm 10%	1156 g/m ² \pm 10%
THICKNESS	ASTM-D-1777-96	0.050" \pm 10%	1.270 mm \pm 10%
BREAKING STRENGTH	ASTM-D-579-97	Warp- 800 lbs/in.	142.88 kg/cm
		Fill- 400 lbs/inch	71.44 kg/cm
TEMPERATURE RESISTANCE		Continuous: 1800 °F Melt Temperature: 3000 °F Linear shrinkage: 5% @1800 °F	Cont. 982 °C , Melt. 1649 °C
BASE FABRIC and WEAVE		Silica/8 Harness Satin	
ABRASION RESISTANCE	MIL-C-24576A	1600 Cycles min.	
COLOR		Light Tan	
WIDTH - 35" (88.9 cm)	LENGTH - 50 yds.(45.72 meters)		

DATA SHEET 13094 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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