

# ALPHA ASSOCIATES, INC.

ALPHA - SIL  
STYLE 600

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## DESCRIPTION

Alpha-Sil Style 600 is a medium weight silica fabric, tan in color, with superior physical and thermal characteristics compared to traditional silica fabrics.

## APPLICATIONS

Alpha-Sil Style 600 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 600 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.

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## *PROPERTY DATA* *STYLE 600*

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<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	18.0 oz/sy $\pm$ 10%	612 g/m <sup>2</sup> $\pm$ 10%
THICKNESS	ASTM-D-1777-96	.030" $\pm$ 10%	0.762 mm $\pm$ 10%
BREAKING STRENGTH	ASTM-D-579-97	Warp- 560 lbs/in.	100.0 kg/cm
		Fill- 350 lbs/inch	62.51 kg/cm
TEMPERATURE RESISTANCE		Continuous Use: 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	
COLOR		Light Tan	
ABRASION RESISTANCE	MIL-C-24576A	750 Cycles min.	
WIDTH - 35" (88.9 cm)	LENGTH - 50 yds.(45.72 meters)		

DATA SHEET 13093

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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