



# ALPHA

## engineered composites

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### ALPHA STYLE 2859-2-SS

#### DESCRIPTION

Alpha Style 2859-2-SS is a fiberglass fabric coated on two sides with a high performance silicone rubber.

#### ADVANTAGES

Water and oil resistant, flame retardant, Chemical resistant, low smoke, easily sewn and fabricated, lightweight. The silicone coating provides superior resistance to abrasion, tearing and puncture while imparting the high temperature and flame retardant properties of silicone.

#### APPLICATIONS

Insulation Blankets, Sound Attenuating Quilts, Welding Curtains, Expansion Joints, Safety Clothing, Equipment Covers

### PROPERTY DATA STYLE 2859-2-SS

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	8.5 oz/sy ± 10%	340 g/m <sup>2</sup> ± 10%
THICKNESS	ASTM-D-1777	.009" ± .001"	0.229 mm ± .025 mm
TENSILE STRENGTH	ASTM-D-5034	Warp- 150 lbs./inch Fill- 125 lbs/inch	26.79 kg/cm 22.33 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp- 25 lbs. Fill- 15 lbs.	11.34 kg 6.80 kg
BURST STRENGTH	ASTM-D-3786	400 psi	28 kg/cm <sup>2</sup>
FLAME RESISTANCE	ASTM D-6413	Char Length 0.5 inch max. Afterglow 1 sec. max. Flame Out 1 sec. max.	1.27 cm max. 1 sec. max. 1 sec. max.
TEMPERATURE RESISTANCE		-50 °F to 500 °F	-46 °C to 260 °C
BASE FABRIC and WEAVE		Fiberglass/Plain Weave	
COLOR and COATING		Silver Silicone	

DATA SHEET: 13808 REV: C DATE: 03/06/12 \*All values are nominal unless otherwise specified.

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

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