



ALPHA

engineered composites

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ALPHA - MARITEX

STYLE 8451-SR

DESCRIPTION

Alpha Maritex Style 8451-SR is a heavy duty fiberglass fabric coated with a special fire-retardant silicone rubber compound. The compound is red/orange in color, making it highly visible. ANSI/FM 4950 approved for welding curtains.

APPLICATIONS

This product is designed to be used as a welding curtain in a vertical or near vertical orientation.

ADVANTAGES

Alpha Style 8451-SR provides a high visibility, abrasion resistant, fire-retardant barrier to welding sparks and flash.

PROPERTY DATA

STYLE 8451-SR

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>		
		<u>ENGLISH</u>		<u>METRIC</u>
WEIGHT	ASTM-D-3776	32.5 oz/sy \pm 10%		1105 g/m ² \pm 10%
THICKNESS	ASTM-D-1777	0.037" \pm 0.001"		0.940 mm \pm .025 mm
TENSILE STRENGTH	ASTM-D-5034	Warp-	350 lbs/inch	62.51 kg/cm
		Fill-	200 lbs/inch	35.72 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp-	50 lbs.	22.68 kg
		Fill-	50 lbs.	22.68 kg
MULLEN BURST	ASTM-D-3786	1000 psi		70 kg/cm ²
FLAME RESISTANCE		Afterglow	4 sec. max.	4 sec. max.
		Flameout	5 sec. max.	5 sec. max.
TEMPERATURE RESISTANCE		-110 °F to 500 °F		-79 °C to 260 °C
BASE FABRIC and WEAVE		Fiberglass/Stain Weave		
COLOR and COATING		Red/Orange Silicone Rubber		

DATA SHEET: 13111 FM REV: F DATE: 4/21/2017 *All values are nominal unless otherwise specified.

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

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