



# ALPHA

engineered composites

145 Lehigh Avenue, Lakewood, NJ 08701

T: 732.634.5700 F: 732.634.1430 alphainc.com

## 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 and blankets.

#### APPLICATIONS

This product is designed to be used as welding curtains and blankets in a vertical or horizontal 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 ± 10%	1105 g/m <sup>2</sup> ± 10%	
THICKNESS	ASTM-D-1777	0.037" ± 0.001"	0.940 mm ± .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 <sup>2</sup>	
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: G DATE: 3/19/2019 \*All values are nominal unless otherwise specified.

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

All statements herein are expressions of opinion that we believe to be accurate and reliable, but are presented without guaranty or responsibility on our part. Statements concerning possible use of our products are not intended as recommendations for their use alone or in combination with any materials or elements to infringe any patents. No patent warranty of any kind, express or implied, is made or intended.