



# ALPHA

engineered composites

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ALPHA - WELD  
 STYLE 6445-2-SN

DESCRIPTION

Alpha-Weld Style 6445-2-SN is an economy grade acrylic coated fiberglass welding curtain material. The incombustible fiberglass fabric is coated with a fire retardant salmon colored acrylic. ANSI/FM 4950 approved for welding curtains.

APPLICATIONS

Alpha-Weld Style 6445-2-SN can be used for vertical welding curtains for spark and spray containment, grinding shields, arc flash barriers and fire retardant weather barrier material.

ADVANTAGES

The coating provides high visibility for safety and resistance to sparks, abrasion, water and most chemicals.

**PROPERTY DATA**

STYLE 6445-2-SN

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	13 oz/sy ± 10%	442 g/m <sup>2</sup> ± 10%
THICKNESS	ASTM-D-1777	0.0155" ± .001"	0.393 mm ± .025 mm
TENSILE STRENGTH	ASTM-D-5034	Warp- 300 lbs./inch Fill- 270 lbs/inch	53.58 kg/cm 48.22 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp- 35 lbs. Fill- 30 lbs.	15.88 kg 13.61 kg
BURST STRENGTH	ASTM-D-3786	475 psi	33.25 kg/cm <sup>2</sup>
FLAME RESISTANCE	ASTM-D-6413	Char Length 1 inch max. Afterglow 1 sec. max. Flame Out 0 sec.	2.54 cm max. 1 sec. max. 0 sec.
TEMPERATURE RESISTANCE		0 °F to +300 °F	-18 °C to 149 °C
BASE FABRIC and WEAVE		Fiberglass (100%) / Plain Weave	
COLOR and COATING		Salmon Acrylic	

DATA SHEET: 13113 FM REV: H 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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