

ALPHA ASSOCIATES, INC.

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ALPHA - WELD
STYLE 6445-2-BRN



DESCRIPTION

Alpha-Weld Style 6445-2-BRN is an economy grade Neoprene coated fiberglass welding curtain material. The incombustible fiberglass fabric is coated with a fire retardant red colored Neoprene.

APPLICATIONS

Alpha-Weld Style 6445-2-BRN 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 fire retardant red colored Acrylic provides high visibility for safety and resistance to sparks, abrasion, water and most chemicals.

PROPERTY DATA *STYLE 6445-2-BRN*

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<i>ENGLISH</i>	<i>METRIC</i>
WEIGHT	ASTM-D-3776	13.5 oz/sy \pm 10%	459 g/m ² \pm 10%
THICKNESS	ASTM-D-1777	0.015" \pm .001"	0.381 mm \pm .025 mm
TENSILE STRENGTH	ASTM-D-5034	Warp- 300 lbs/in 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 ²
FLAME RESISTANCE	FED 191/5903.2	Char Length 1 inch max. Afterglow 1 sec. max. Flame Out 0 sec. max.	2.54 cm max. 1 sec. max. 0 sec. max.
TEMPERATURE RESISTANCE FOR BASE FABRIC	FED SPEC HHB-100B	0 °F to 1000 °F	-18 °C to 538 °C
TEMPERATURE RESISTANCE FOR NEOPRENE COATING	FED SPEC HHB-100B	0 °F to 300 °F	-18 °C to 149 °C
BASE FABRIC and WEAVE		Fiberglass/Plain Weave	
COLOR and COATING		Red Acrylic	

DATA SHEET 13329

REV E

DATE: 9/26/08

* All values are nominal unless otherwise specified.

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

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