

# ALPHA ASSOCIATES, INC.

145 LEHIGH AVE CN2013 LAKEWOOD, N.J. 08701  
Phone: (732) 634-5700 Fax: (732) 634-1430

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.

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## *PROPERTY DATA* *STYLE 6445-2-BRN*

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<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<i>ENGLISH</i>	<i>METRIC</i>
WEIGHT	ASTM-D-3776-96	16.5 oz/sy $\pm$ 10%	561 g/m <sup>2</sup> $\pm$ 10%
THICKNESS	ASTM-D-1777-96	0.016" $\pm$ .001"	0.406 mm $\pm$ .025 mm
TENSILE STRENGTH	ASTM-D-5034-95	Warp- 300 lbs/in Fill- 270 lbs/inch	53.58 kg/cm 48.22 kg/cm
TEAR STRENGTH	ASTM-D-5587-96	Warp- 35 lbs Fill- 30 lbs	15.88 kg 13.61 kg
BURST STRENGTH	ASTM-D-3786-87	475 psi	33.25 kg/cm <sup>2</sup>
FLAME RESISTANCE	FED 191/5903.2	Char Length 1 inch max.	2.54 cm max.
		Afterglow 1 sec. max.	1 sec. max.
		Flame Out 0 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 D

DATE: 9/19/06

\* All values are nominal unless otherwise specified.

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

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