

# ALPHA ASSOCIATES, INC.

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ALPHA - WELD  
STYLE 6445-2-SN



## DESCRIPTION

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

## 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.

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

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<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
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./inch 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. Afterglow 1 sec. max. Flame Out 0 sec.	2.54 cm max. 1 sec. max. 0 sec.
TEMPERATURE RESISTANCE	FED SPEC HHB 100B	0 °F to +300 °F	-18 °C to 149 °C
BASE FABRIC and WEAVE		Fiberglass (100%) / Plain Weave	
COLOR and COATING		Salmon Neoprene	

DATA SHEET 13113

REV B

DATE: 10/1/98

\* All values are nominal unless otherwise specified.

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

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