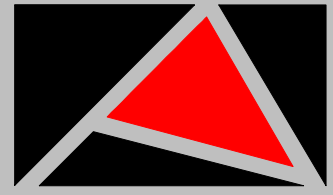


# ALPHA ASSOCIATES, INC.

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ALPHA - WELD  
STYLE 2025



## DESCRIPTION

Alpha Weld Style 2025 is a lighter weight version of our plain weave fiberglass fabric coated on both sides with specially formulated Neoprene.

## APPLICATIONS

Alpha Weld Style 2025 can be used to fabricate welding curtains for spark containment, splash and arc barriers. It is designed as an economical alternative for use as vertical welding curtains. It can also be used in light-duty protective clothing applications.

## ADVANTAGES

Alpha Weld Style 2025 is designed to resist abrasion, water, most chemicals, heat, sparks and flame.

\*Alpha Weld Style 2025 is available in a variety of colors, of which BLACK, YELLOW and BLUE are the most common. Other specialty colors are available upon request, as well as iridescent/fluorescent pigments.

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## PROPERTY DATA STYLE 2025

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<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	22.5 oz/sy $\pm$ 10%	765 g/m <sup>2</sup> $\pm$ 10%
THICKNESS	ASTM-D-1777-96	.030" $\pm$ .001"	0.762 mm $\pm$ .025 mm
BREAKING STRENGTH	ASTM-D-5035-95	Warp- 250 lbs./inch Fill- 200 lbs/inch	44.72 kg/cm 35.72 kg/cm
TEAR STRENGTH	ASTM-D-5587-96	Warp- 45 lbs. Fill- 35 lbs.	20.41 kg 15.88 kg
BURST STRENGTH	ASTM-D-3786-87	300 psi	21 kg/m <sup>2</sup>
FLAME RESISTANCE	FED 191/5903.2	Char Length 1/4" maximum Afterglow 1 second Flame Out <1 second	0.635 cm max. 1 second <1 second
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	-40 °F to +300 °F	-40 °C to 149°C
BASE FABRIC and WEAVE		Fiberglass/Plain Weave	
COATING		Neoprene	
ABRASION RESISTANCE	FED STD 191/5306	CS-10 wheels, 500 gm load, 1000 rev. 15% weight loss max.	

DATA SHEET 13294

REV C

DATE: DK/JP

\* 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.