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.

PROPERTY DATA
STYLE 2025

CHARACTERISTIC	METHOD	VALUES*		
		ENGLISH		*METRIC*
WEIGHT	ASTM-D-3776	*22.5 oz/sy ± 10%*		*765 g/m² ± 10%*
THICKNESS	ASTM-D-1777	*.030" ± .001"*		*0.762 mm ± .025 mm*
BREAKING STRENGTH	ASTM-D-5035	Warp-	*250 lbs./inch*	*44.72 kg/cm*
		Fill-	*200 lbs/inch*	*35.72 kg/cm*
TEAR STRENGTH	ASTM-D-5587	Warp-	*45 lbs.*	*20.41 kg*
		Fill-	*35 lbs.*	*15.88 kg*
BURST STRENGTH	ASTM-D-3786	*300 psi*		*21 kg/m²*
FLAME RESISTANCE	FED 191/5903.2	Char Length	*1/4" maximum*	*0.635 cm max.*
		Afterglow	*1 second*	*1 second*
		Flame Out	*<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