

ALPHA ASSOCIATES, INC.

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ALPHA - WELD
STYLE 2025 WELDFLEX-1
(PRELIMINARY)



DESCRIPTION

Alpha style 2025 WELDFLEX-1 is composed of 100% glass yarns and is coated with a specially formulated Weldflex-1 treatment. This cloth is black in color and treated with Neoprene on both sides, is self-extinguishing, and offers excellent workability and flexibility.

PROPERTY DATA

STYLE 2025 WELDFLEX-1

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	22.9 oz/syd +/- 10%	776 g/m ² ± 10.9 g/m ²
THICKNESS	ASTM-D-1777	.034" +/- 10%	0.864 mm ± .013 mm
TENSILE STRENGTH	ASTM-D-1682	Warp- 250 Lbs/in Fill- 200 Lbs/in	44.72 kg/cm 35.72 kg/cm
ABRASION RESISTANCE	ASTM-D-3884	2000 cycles (H-18, 500 GR)	
FLAME RESISTANCE	FED 191/5903	Char Length 0	
		Flame Out < 1 second	< 1 second
SERVICE TEMPERATURE		400 F (204 C) Intermittent to 750 F (399 C)	
MOLTEN METAL SPLASH		3000 F (1649 C) (draped at 15 deg angle)	
CONSTRUCTION		20 x 14	

AVAILABILITY: 40", 60", AND 72", 50 YD/ROLL

DATA SHEET 13726

REV B

DATE: 3/8/07

* All values are nominal unless otherwise specified.

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

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