

ALPHA ASSOCIATES, INC.

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ALPHA - ALAFLEX (SCRIM BASE)
STYLE 5515 MA (HW)



DESCRIPTION

Alpha Alaflex Style 5515-MA is a fiberglass fabric coated with a black elastomer (Neoprene) compound and laminated to an aluminized polyester film. This product is a U.L. listed sheathing material.

1. Base Fabric - Fiberglass 5 x 5
2. Coating - Neoprene - black (cured)
3. Film - Polyester 1/2 mil. aluminized

PROPERTY DATA

STYLE 5515 MA (HW)

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	3.30 oz/sy \pm 5 %	112.2 g/m ² \pm 5%
THICKNESS	ASTM-D-1777	0.010" \pm 0.001"	0.254 mm \pm .025 mm
TENSILE STRENGTH	ASTM-D-5035	Warp- 40 lbs./inch Fill- 35 lbs/inch	7.14 kg/cm 6.25 kg/cm
TEAR STRENGTH	ASTM-D-1424	Warp- 56.44 oz. Fill- 42.33 oz.	1600 gms. 1200 gms.
BEACH PUNCTURE	ASTM-D-781	100 units (26.5 in/lbs)	30.5 cm/kg
FLAME RESISTANCE	FED 191/5903.2	Char Length 2 inches max. Afterglow 1 second max. Flame Out 2 seconds max.	5.08 cm max. 1 second max. 2 seconds max.
PERMEABILITY (MVTR)	ASTM-E-96	Result - 0.1 Perms	
CORROSION RESISTANCE	FED SPEC HHB 100B	120 °F 95% RH 20 days Result = No Corrosion	49 °C
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	Cold: -20 °F @ 24 hrs. (no delamination) Hot: +200 °F @ 24 hrs. (no delamination)	-29 °C to 93 °C

DATA SHEET 12856

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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