



ALPHA

engineered composites

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ALPHA - MARITEX
 STYLE 2025/9480

DESCRIPTION

Alpha maritex Style 2025/9480 meets the requirements of Coast Guard Specification 164.009 for fire-retardant material and is included in Military Specification MIL-C-20079G, Type 1, Class 10. Meets Military Specification MIL-I-24244B and NRC Guide 1.36

APPLICATIONS

Alpha Maritex Style 2025/9480 has been specifically designed for flange shield material by the U.S. Navy. Since it must meet Coast Guard Specification, a very low percentage of adhesive is used. Material should be tested prior to use for commercial applications.

ADVANTAGES

Alpha Maritex Style 2025/9480 is finished with treatment #9383 to set the weave and reduce fraying when cut. This fabric is then laminated to aluminum foil to provide a vapor retarder and a barrier to water and oil.

PROPERTY DATA
 STYLE 2025/9480

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	19.5 oz/sy ± 10%	663 g/m ² ± 10%
THICKNESS	ASTM-D-1777	0.026" ± 10%	0.660 mm ± 10%
TENSILE STRENGTH	ASTM-D-5035	Warp- 250 lbs/inch Fill- 200 lbs/inch	44.72kg/cm 35.72 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp- 50 lbs. Fill- 50 lbs.	22.68 kg 22.68 kg
BURST STRENGTH	ASTM-D-3786	550 psi	38.5 kg/cm ²
FLAME RESISTANCE	ASTM D-6413	Char Length 1 inch max. Afterglow 1 second max. Flame Out 1 second max.	2.54 cm max. 1 second max. 1 second max.
TEMPERATURE RESISTANCE		Service Temp = +300 °F	149 °C
BASE FABRIC and WEAVE		Fiberglass/Plain Weave	
COLOR and COATING		Aluminum Foil	
WIDTHS	ROLL LENGTH	WEIGHT / ROLL	
36" (91.44 cm)	50 YD.(45.72 m)	61 lbs (27.67 kg)	
48" (121.9 cm)	50 YD	90 lbs (40.82 kg)	
60" (152.4 cm)	50 YD	114 lbs (51.71 kg)	

DATA SHEET: 13061 REV: D DATE: 03/06/12 *All values are nominal unless otherwise specified.

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

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