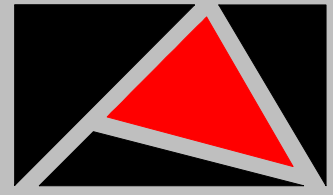


# ALPHA ASSOCIATES, INC.

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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-3776-96	19.5 oz/sy $\pm$ 10%	663 g/m <sup>2</sup> $\pm$ 10%
THICKNESS	ASTM-D-1777-96	0.026" $\pm$ 10%	0.660 mm $\pm$ 10%
TENSILE STRENGTH	ASTM-D-5035-95	Warp- 250 lbs/inch Fill- 200 lbs/inch	44.72kg/cm 35.72 kg/cm
TEAR STRENGTH	ASTM-D-5587-96	Warp- 50 lbs. Fill- 50 lbs.	22.68 kg 22.68 kg
BURST STRENGTH	ASTM-D-3786-87	550 psi	38.5 kg/cm <sup>2</sup>
FLAME RESISTANCE	FED 191/5903.2	Char Length 1 inch max.	2.54 cm max.
		Afterglow 1 second max.	1 second max.
		Flame Out 1 second max.	1 second max.
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	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 C

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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