

ALPHA ASSOCIATES, INC.

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ALPHA - MARITEX
STYLE 4011



DESCRIPTION

Alpha Maritex Style 4011 is a four-ply lamination of alternating layers of fiberglass fabric, which conforms to MIL-C-20079G Type 1, Class 3, and 1 mil aluminum foil.

APPLICATIONS

Alpha Maritex Style 4011 has been specifically designed as a barrier material to prevent absorption of flammable materials into the insulation filler in removable blankets. Some of the many uses for this product include the following: welding curtains, insulation facings, radiation shields and blanket material.

ADVANTAGES

Alpha Maritex Style 4011 provides an excellent vapor barrier, as well as being a fire stop. The product also provides the user with an excellent barrier to hydrocarbons.

PROPERTY DATA *STYLE 4011*

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	22 oz/sy \pm 10%	748 g/m ² \pm 10%
THICKNESS	ASTM-D-1777	0.036" \pm .004"	0.914 mm \pm .102 mm
TENSILE STRENGTH	ASTM-D-5035	Warp- 250 lbs./inch Fill- 175 lbs/inch	44.65 kg/cm 31.26 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp- 50 lbs. Fill- 50 lbs.	22.68 kg 22.68 kg
BURST STRENGTH	ASTM-D-3786	450 psi	31.5 kg/cm ²
FLAME RESISTANCE	FED 191/5903.2	Char Length 1 inch max. Afterglow 1 sec. max. Flame Out 1 sec. max.	2.54 cm max. 1 sec. max. 1 sec. max.
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	Service Temperature = 500 °F	260 °C
BASE FABRIC and WEAVE		Fiberglass/Plain Weave	
COLOR and COATING		Fabric Color/Aluminum Foil	

DATA SHEET 13110

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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