



# ALPHA

engineered composites

145 Lehigh Avenue, Lakewood, NJ 08701  
**T:** 732.634.5700 **F:** 732.634.1430 [alphainc.com](http://alphainc.com)

ALPHA - MARITEX  
 STYLE 4011

DESCRIPTION

Alpha Maritex Style 4011 is a four-ply lamination of alternating layers of fiberglass fabric.

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 ± 10%	748 g/m <sup>2</sup> ± 10%	
THICKNESS	ASTM-D-1777	0.036" ± .004"	0.914 mm ± .102 mm	
TENSILE STRENGTH	ASTM-D-5035	Warp-	250 lbs./inch	44.65 kg/cm
		Fill-	175 lbs/inch	31.26 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp-	50 lbs.	22.68 kg
		Fill-	50 lbs.	22.68 kg
BURST STRENGTH	ASTM-D-3786	450 psi	31.5 kg/cm <sup>2</sup>	
FLAME RESISTANCE	ASTM D-6413	Char Length	1 inch max.	2.54 cm max.
		Afterglow	1 sec. max.	1 sec. max.
		Flame Out	1 sec. max.	1 sec. max.
TEMPERATURE RESISTANCE		Service Temperature = 500 °F	260 °C	
BASE FABRIC and WEAVE		Fiberglass/Plain Weave		
COLOR and COATING		Fabric Color/Aluminum Foil		

DATA SHEET: 13110 REV: C 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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