



ALPHA

engineered composites

145 Lehigh Avenue, Lakewood, NJ 08701
T: 732.634.5700 **F:** 732.634.1430 alphainc.com

ALPHA - MARITEX
 STYLE 84215/9480

DESCRIPTION

Alpha Maritex Style 84215/9480 has been specifically designed as shipboard lagging and jacketing material for use over insulation where the surface temperature is under 500 °F. The base fabric is laminated to aluminum foil to provide a vapor barrier.

ADVANTAGES

Alpha Maritex Style 84215/9480 is finished with treatment 9383 to set the weave and reduce fraying when cut.

PROPERTY DATA
 STYLE 84215/9480

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	12.0 oz/sy ± 10%	407 g/m ² ± 10%
THICKNESS	ASTM-D-1777	0.020 ± .001"	0.508 mm ± .025 mm
TENSILE STRENGTH	ASTM-D-5035	Warp- 200 lbs/inch Fill- 125 lbs/inch	35.72 kg/cm 22.33 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp- 25 lbs Fill- 25 lbs.	11.34 kg 11.34 kg
BURST STRENGTH	ASTM-D-3786	200 psi	14 kg/cm ²
FLAME RESISTANCE	ASTM D-6413	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		500 °F max.	260 °C max.
BASE FABRIC and WEAVE		Fiberglass/Plain Weave	
COLOR and COATING		Fabric Color/Aluminum Foil	

DATA SHEET: 13930 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

All statements herein are expressions of opinion that we believe to be accurate and reliable, but are presented without guaranty or responsibility on our part. Statements concerning possible use of our products are not intended as recommendations for their use alone or in combination with any materials or elements to infringe any patents. No patent warranty of any kind, express or implied, is made or intended.