



ALPHA

engineered composites

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ALPHA - MARITEX
 STYLE 84215/9480 HT

DESCRIPTION

Alpha Maritex Style 84215/9480 HT 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 HT is finished with treatment 9383 to set the weave and reduce fraying when cut. The laminating adhesive is suitable for use up to 500 °F.

PROPERTY DATA
 STYLE 84215/9480 HT

<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: 12984 REV: C DATE: 1/13/09 *All values are nominal unless otherwise specified.

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

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