



ALPHA

engineered composites

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

ALPHA – MARITEX STYLE 22313 AMAA-NW

DESCRIPTION

Alpha Style 22313 AMAA-NW is a lamination of polyester fabric to an aluminum substrate, using a high temperature adhesive. This composite is designed to withstand temperatures with short exposure limits to 450 °F.

APPLICATIONS

Automotive applications include protective sleeves for wires and hoses.

ADVANTAGES

High temperature resistance, reflects radiant heat, good corrosion resistance.

PROPERTY DATA STYLE 22313 AMAA-NW

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>TYPICAL VALUES</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	6.4 ± 0.6 oz/yd	217 g/m ² ± 21.7
THICKNESS	ASTM-D-1777	0.055" ± 0.005"	1.4 mm ± .14 mm
TENSILE STRENGTH	ASTM-D-5035	Warp- 30 lbs/inch Fill- 30 lbs/inch	5.36 kg/cm 5.36 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp- 15 lbs Fill- 25 lbs	6.8 kg 11.34 kg
MULLEN BURST	ASTM-D-3786	50 psi	3.5 kg/cm ²
TEMPERATURE RESISTANCE		-40 °F to +350 °F	-40 °C to 175 °C
BASE FABRIC AND WEAVE		Polyester Non-Woven	
COLOR AND COATING		Aluminum Foil	

DATA SHEET: 14024 REV: C DATE: 11/20/20

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.