

ALPHA ASSOCIATES, INC.

TWO AMBOY AVENUE PO BOX 128 WOODBRIDGE, N.J. 07095
Phone: (732) 634-5700 Fax: (732) 634-1430

ALPHAGLAS TAPE
STYLE A8012
Silicone Adhesive



DESCRIPTION

ALPHAGLAS is the trade name for a series of fabrics and pressure sensitive tapes of PTFE impregnated fiberglass cloth. This tape line employs the ALPHAGLAS fabric and a pressure sensitive silicone adhesive.

APPLICATIONS

Release surfaces, Packaging and Heat Sealing, Heat Sealing Surface Covers on L Bar, Bag, Impulse Equipment, Aircraft/Aerospace Bonding Shops, Mold Release, High Temperature Thermal Insulation, Guide Rails and Chute Linings, Non-stick Roll Covering.

ADVANTAGES

Smooth, Low Friction, Non-stick Surface, High/Low Temperature Range (-100 °F to +500 °F), Excellent Dielectric Properties, High Tensile Strength, and Superior Chemical Resistance.

PROPERTY DATA

STYLE A8012

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	1.04 lbs/syd	567 g/m ²
THICKNESS	ASTM-D-1777-96	0.0114"	0.296 mm
TENSILE STRENGTH	ASTM-D-5035-95	Warp- 200 lbs/in. Fill- 150 lbs/in.	35.72 kg/cm 26.79 kg/cm
BACKING THICKNESS	ASTM-D-1777-96	0.0095"	0.241 mm
ADHESION TO STEEL	ASTM-D-1000-93	45 oz/in.	502.3 g/cm
DIELECTRIC STRENGTH	ASTM-D-149-95a	7000 total volts	
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	-100 °F to +500 °F	-74 °C to 260 °C
ELONGATION		< 5%	
ADHESIVE TYPE		'S'	
SHELF LIFE		6 Months **	

**This shelf life is expected under controlled conditions, approximately 72°F, and from date of original manufacture.

DATA SHEET 13404d REV D DATE: 7/11/07 * 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.