

ALPHA ASSOCIATES, INC.

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ALPHAGLAS TAPE
STYLE A8608
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 A8608*

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	0.66 lbs/syd	356.4 g/m ²
THICKNESS	ASTM-D-1777-96	0.0074"	0.236 mm
TENSILE STRENGTH	ASTM-D-5035-95	Warp- 120 lbs/in. Fill- 90 lbs/in.	21.43 kg/cm 16.07 kg/cm
BACKING THICKNESS	ASTM-D-1777-96	0.0055"	0.140 mm
ADHESION TO STEEL	ASTM-D-1000-93	40 oz/in.	446.5 gm/cm
DIELECTRIC STRENGTH	ASTM-D-149-95a	6000 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 13404c 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

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