

# ALPHA ASSOCIATES, INC.

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ALPHAGLAS TAPE  
STYLE A9507  
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. This product is also available in a darker brown color.

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## PROPERTY DATA STYLE A9507

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<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	0.61 lbs/syd	329.2 g/m <sup>2</sup>
THICKNESS	ASTM-D-1777-96	0.0069"	0.175 mm
TENSILE STRENGTH	ASTM-D-5035-95	Warp- 120 lbs/in. Fill- 100 lbs/in.	21.43 kg/cm 17.83 kg/cm
BACKING THICKNESS	ASTM-D-1777-96	0.005"	0.127 mm
ADHESION TO STEEL	ASTM-D-1000-93	35 oz/in.	390.7 gm/cm
DIELECTRIC STRENGTH	ASTM-D-149-95a	4500 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 13404b9 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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