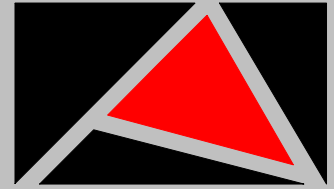


# ALPHA ASSOCIATES, INC.

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ALPHAGLAS  
STYLE 810  
STANDARD GRADE



## DESCRIPTION

ALPHAGLAS STYLE 810 is manufactured from PTFE impregnated fiberglass to conform to exact customer specifications and requirements.

## APPLICATIONS

Gaskets and Seals for Harsh Chemical Environments, Conveyor Belts, Release Sheets, Packaging and Heat Sealing, Aircraft/Aerospace Bonding Shops, as well as Thermal Insulation for Very High Temperature environments.

## PTFE ADVANTAGES

Super Smooth, Low Friction, Non-Stick Surface, Exceptional Dielectric Properties, High Tensile Strength, Superior Chemical Resistance, and an expansive Operational Temperature Range of:

-415 °F to +600 °F (-248 °C to +316°C)

\*\*Special Variations listed below...

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## *PROPERTY DATA* *STYLE 810*

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<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	14.9 oz/syd	505 g/m <sup>2</sup>
THICKNESS	ASTM-D-1777-96	0.0095"	0.241 mm
TENSILE STRENGTH	ASTM-D-5035-95	Warp- 200 lbs/in. Fill- 150 lbs/in.	35.72 kg/cm 26.79 kg/cm
DIELECTRIC STRENGTH	ASTM-D-149-95a	500 Volts/Mil	12,700 Volts/mm
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	-415 °F to +600 °F	-248 °C to +316 °C

\*\*SPECIAL VARIATIONS: ALPHA offers crease/tear resistance coatings, a semi-conductive version of this product and can provide a bondable surface to Alphaglas Style 810 Standard Grade.

DATA SHEET 13253c REV D DATE: 12/13/06 \* All values are nominal unless otherwise specified.

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

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