

# ALPHA ASSOCIATES, INC.

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ALPHA  
STYLE 7578-VS-2



## DESCRIPTION

Style 7578-VS-2 is a medium weight vinyl coated fiberglass. Style 7578-VS-2 meets the requirements of UL 181, Class 1.

## APPLICATIONS

This product is designed for use as a core material for flexible duct applications and can also be used as a facing material for sound attenuating blankets and many other applications.

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## *PROPERTY DATA*

### *STYLE 7578-VS-2*

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<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	6 oz/sy $\pm$ 10%	204 g/m <sup>2</sup> $\pm$ 10%
THICKNESS	ASTM-D-1777-96	0.006" $\pm$ 10%	0.152 mm $\pm$ 10%
TENSILE STRENGTH	ASTM-D-5035-95	Warp- 125 lbs./in. Fill- 120 lbs/in.	22.33 kg/cm 21.43 kg/cm
TEAR STRENGTH	ASTM-D-1424-96	Warp- 52.91 oz. Fill- 59.96 oz.	1500 gms. 1700 gms.
MULLEN BURST	ASTM-D-3786-87	275 psi	19.25 kg/cm <sup>2</sup>
FLAME RESISTANCE	FED 191/5903.2	Char Length 1 inch max.	2.54 cm max.
		Afterglow 1 sec. max.	1 sec. max.
		Flame Out 0 sec. max.	0 sec. max.
TEMPERATURE RESISTANCE	Operating Temperature	250 °F max. (continuous)	121 °C max.
ABRASION RESISTANCE	ASTM-D-3389-94	Wheel - H22 Load-500 g Revolutions - 250 End Point - Break in yarns	
COLOR		Silver	
APPEARANCE		No Pinholes	

DATA SHEET 12844

REV B

DATE: 3/25/99

\* All values are nominal unless otherwise specified.

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

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