

ALPHA ASSOCIATES, INC.

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ALPHA
STYLE 3478-VS-2



DESCRIPTION

Style 3478-VS-2 is a lightweight vinyl coated fiberglass. Style 3478 -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.

PROPERTY DATA

STYLE 3478-VS-2

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	5.4 oz/sy \pm 10%	183 g/m ² \pm 10%
THICKNESS	ASTM-D-1777	0.005" \pm 0.001"	0.127 mm \pm .025 mm
TENSILE STRENGTH	ASTM-D-5035	Warp- 75 lbs/in. Fill- 70 lbs/inch	13.40 kg/cm 12.50 kg/cm
TEAR STRENGTH	ASTM-D-1424	Warp- 42.33 oz. Fill- 31.75 oz.	1200 gms. 900 gms.
MULLEN BURST	ASTM-D-3786	200 psi	14 kg/cm ²
FLAMMABILITY	FED 191/5903.2	Char Length 2 inches max Afterglow 2 seconds max. Flameout 2 seconds max.	5.08 cm max. 2 seconds max. 2 seconds max.
ABRASION RESISTANCE	ASTM-D-3389	Wheels - H22 Load - 500 g. Revolutions - 200 End point - Break in Yarns	
COLOR		Silver	
APPEARANCE		No pin holes	

DATA SHEET 13055

REV C

DATE: 4/25/07

* All values are nominal unless otherwise specified.

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

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