



ALPHA

engineered composites

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ALPHA STYLE 3678-VS-2

DESCRIPTION

Style 3678-VS-2 is a lightweight vinyl coated fiberglass.

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 3678-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- 150 lbs/inch Fill- 110 lbs/inch	26.8 kg/cm 19.6 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp- 15 lbs Fill- 12 lbs	6.80 kg 5.44 kg
MULLEN BURST	ASTM-D-3786	200 psi	14 kg/cm ²
FLAME RESISTANCE	ASTM D-6413	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	
TEMPERATURE RESISTANCE:		20 F to 150 F Continuous, 225 F Intermittent	

DATA SHEET: 14269 REV: D DATE: 2/24/23 *All values are nominal unless otherwise specified.

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

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