



# ALPHA

engineered composites

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*ALPHA*  
*STYLE 3478-VS-2*

DESCRIPTION

Style 3478-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 3478-VS-2*

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>TYPICAL VALUES</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	5.4 oz/sy ± 10%	183 g/m <sup>2</sup> ± 10%
THICKNESS	ASTM-D-1777	0.005" ± 0.001"	0.127 mm ± .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 <sup>2</sup>
FLAME RESISTANCE	ASTM D-6413  UL 94	Char Length 2 inches max Afterglow 2 seconds max. Flameout 2 seconds max. V-0	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: 13055 REV: F DATE: 02/24/23

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

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