



ALPHA

high performance fabrics & composites

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ALPHA STYLE 3478-VS-2				
<u>DESCRIPTION</u> Style 3478-VS-2 is a lightweight vinyl coated fiberglass.				
<u>APPLICATIONS</u> 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 ± 10%	183 g/m ² ± 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 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		
APPEARANCE				

DATA SHEET: 13055 REV: D DATE: 03/05/12 *All values are nominal unless otherwise specified.

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

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