



ALPHA

high performance fabrics & composites

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ALPHA STYLE 9678-VS-2				
<u>DESCRIPTION</u>				
Alpha Style 9678-VS-2 is a medium weight vinyl coated fiberglass.				
<u>APPLICATIONS</u>				
Style 9678-VS-2 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 9678-VS-2				
<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>		
		<u>ENGLISH</u>		<u>METRIC</u>
WEIGHT	ASTM-D-3776	6.5 oz/sy ± 10%		221 g/m ² ± 10%
THICKNESS	ASTM-D-1777	0.006" ± .10%		0.152 mm ± 10%
TENSILE STRENGTH	ASTM-D-5035	Warp-	125 lbs/inch	22.33 kg/cm
		Fill-	120 lbs/inch	21.43 kg/cm
TEAR STRENGTH	ASTM-D-1424	Warp-	88.18 oz.	2500 gms.
		Fill-	105.82 oz.	3000 gms.
MULLEN BURST	ASTM-D-3786	275 psi		19.25 kg/cm ²
FLAME RESISTANCE	ASTM D-6413	Char Length	1 inch max.	2.54 cm max.
		Afterglow	1 sec. max.	1 sec. max.
		Flame Out	0 sec. max.	0 sec. max.
ABRASION RESISTANCE	ASTM-D-3389	Wheel-H22 Load-500g Revolutions-250 End Point - Break in Yarns		
COLOR		Silver		

DATA SHEET: 12843 REV: C 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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