

VL9202 SURFACING NONWOVENS

VL9202 is composed of chopped filaments of Advantex® glass fiber, 16 microns in diameter, that are bonded together with a styrene insoluble binder system designed for pultrusion processes. Surfacing veil creates and strengthens the resin-rich surface of the composite part, providing a strong bond and enhancing the surface appearance by masking the coarse reinforcing fiber pattern.

• Flexible and conformable to accommodate the process challenges associated with custom complex profiles.

PULTRUSION VEIL AT 3/8 AND 1/2 OZ/FT²

Product Benefits

- · Corrosion resistance, long-term durability, thanks to Advantex® E-CR glass.
- · Easy resin wet-out.
- · High-quality, uniform surface layer.
- · Enhanced part structural strength.
- · High flexibility for complex die processing.

Applications

- · Residential windows/doors frames and decking.
- Industrial and consumer good handles.
- · Commercial curtain wall frames.
- · Composite parts for commercial construction.
- · Electrical flat sheet panels.





Technical Characteristics

(Nominal Values)

PROPERTY		TEST METHOD	SPECIFICATION NOMINAL
	(lb/csf)		3.1
Area Weight	(g/m^2)	TAPPI T - 410	152
	(oz/ft^2)		0.50
MD Tensile Strength	(lb/2-in)	TAPPI T – 494	50
MD Tensile Strength	(N/50 mm)	TAPPI T – 494	220
CD Tensile Strength	(lb/2-in)	TAPPI T – 494	35
CD Tensile Strength	(N/50 mm)	TAPPI T – 494	155
Tensile Strength Ratio		TAPPI T – 494	1.5
Thickness	(Mil/mm)	-	58/1.47
Gurley Stiffness	(mg-force)	-	4500



Americas

Owens Corning Composite Materials, LLC

One Owens Corning Parkway Toledo, OH 43659 USA 1-800-GET-PINK®

Europe

European Owens Corning Fiberglas Sprl.

166 Chaussée de la Hulpe B-1170 Brussels Belgium +32 3 674 8211

Asia Pacific

Owens Corning Shanghai **Regional Headquarters**

40/F, Pudong Kerry Parkside, 115 Fang Dian Road, Pudong, Shanghai, 201204, China +86-21-6101 9666

https://www.owenscorning.com/composites | Composites@owenscorning.com

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