

NEXUS®

Surfacing Veils for Reinforced Plastics

Industry Standard Synthetic Surfacing Veil for the FRP Industry

Characteristics

- 100% high melt polyester
- Excellent appearance and surface smoothness
- Hand can be customized to processing preference
- Superior chemical and corrosion resistance
- High tensile and tear strength
- Widths from 1" to 170"

Benefits:

Pultrusion:

- Improves cosmetics and surface smoothness
- Improves fade and corrosion resistance
- Superior abrasion and impact resistance
- Reduces die wear and production shutdowns
- Reduces fiber blooming
- Fast wet-out / Processing speeds
- Excellent conformability to complex shapes

Benefits:

Filament Winding/Open and Closed Molding:

- Superior corrosion and stress corrosion resistance
- Winds readily with less web breakage
- Improves cyclic pressure strength of piping systems
- Superior direct and reverse impact strength
- Fast wet-out
- Designed for optimum neck-down properties
- Print blocker

Style	Unit	111-90010	100-90010	039-00010	100-00000	115-00005	700-00005
Shade:		Natural White	Natural White	Natural White	Natural White	Natural White	Natural White
<i>Basis Weight</i> (ASTM D3776)	(oz/y ²) (g/m ²)	1.1 37	1.3 44	1.1 37	1.2 40	1.6 54	2.0 68
<i>Caliper</i> (ASTM D1777)	(mil) (mm)	11 .27	12 .30	11 .27	10 .25	14 .36	20 .50
<i>Grab Tensile</i> <i>Machine Direction</i> (ASTM D5034)	(lb)	24	28	23	28	46	51
	(N)	106	124	102	124	204	227
	<i>Cross Direction</i>	(lb)	15	15	15	15	29
(N)		67	67	67	67	129	115
<i>Fiber Elongation @ Break</i>	%	25	25	25	25	25	25
<i>Fiber Melting Point</i> (PFG Method)	°F	483	483	483	483	483	483
	°C	250	250	250	250	250	250
<i>Standard Roll Length</i> <small>3 in / 76 mm ID Core Tube</small>	(lin yd.)	565	550	500	300	300	300
	(lin mtr.)	526	517	457	274	274	274
<i>Standard Roll Width</i>	(in)	57	48	57	48	48	48
	(cm)	145	122	145	122	122	122
<i>U.V. Resistance Comment</i>		Good	Good	Good	Good	Good	Good
<i>Recommended Process</i> <i>P = Pultrusion</i> <i>C = Open and Closed Molding</i>		P	C	P	P	P	C
		C			C	C	

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Surfacing Veils for Reinforced Plastics

*The Proven Synthetic
Surfacing Veil for the
FRP Industry*



*Custom weights and widths available
Minimum order quantities apply*

Style 111-90010

1.1 oz./yd² / 37 gr/mtr²
Apertured

Style 100-90010

1.3 oz./yd² / 44 gr/mtr²
Apertured

Style 039-00010

1.1 oz./yd² / 37 gr/mtr²
Apertured

Style 100-00000

1.2 oz./yd² / 40 gr/mtr²
Non-apertured

Style 115-00005

1.6 oz./yd² / 54 gr/mtr²
Non-apertured

Style 700-00005

2.0 oz./yd² / 68 gr/mtr²
Non-apertured

