

# NEXUS® | Polyester Surfacing Veil

by Precision Fabrics Group

## Characteristics

- 100% high melt polyester
- Fiber melting point (483°F / 250°C)
- Excellent appearance and surface smoothness
- Hand can be customized to processing preference
- Superior chemical and corrosion resistance
- High tensile and tear strength

## 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

### Filament Winding Molding:

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

Style	Unit	111-10	100-10	039-694	100-00	115-05	700-05
<b>Apertured &amp; Non-Apertured</b>							
Apertured		X	X	X			
Non-Apertured					X	X	X
<b>Shade</b>		Natural White	Natural White	Natural White	Natural White	Natural White	Natural White
<b>Basis Weight</b> (ASTM D3776)	(oz/y <sup>2</sup> ) (g/m <sup>2</sup> )	1.1 37	1.3 44	1.2 40	1.2 40	1.6 54	2.0 68
<b>Caliper</b> (ASTM D1777)	(mil) (mm)	11 .27	12 .30	12 .27	10 .25	14 .36	20 .50
<b>Grab Tensile</b> (ASTMD5034)							
Machine Direction	(lb) (N)	24 107	28 125	31 137	28 125	46 205	51 227
Cross Direction	(lb) (N)	15 67	15 67	12 53	15 67	29 129	26 116
<b>Standard Roll Length</b>	(lin yd.) (lin mtr.)	565 516	550 503	500 457	300 274	300 274	300 274
<b>Standard Roll Width</b>	(in) (cm)	57 145	48 122	60 152	48 122	60 152	48 122
<b>UV Resistance Comment</b>		Good	Good	Good	Good	Good	Good
<b>Recommended Process</b>							
Pultrusion		X		X	X	X	
Open and Closed Molding		X	X		X	X	X

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For more information, contact:

Precision Fabrics Group  
1.888.733.5759 | 336.510.8000  
precisionfabrics.com | nexusveil.com  
info@nexusveil.com