



TECHNICAL DATA SHEET

MatVantage® II

Binder-Free Continuous Strand Mat*

Application: *MatVantage® II is particularly well suited to pultrusion applications. It is compatible with isophthalic, orthophthalic, and corrosion-resistant polyester resins, vinylesters, and epoxy resin systems.*

PRODUCT DESCRIPTION

Type of Fiber	E-Glass (ASTM D 578-98, paragraph 4.2.2)			
Glass Sizing	Silane			
Densities, Nominal – oz/ft ²	1.0	1.5	2.0	
Roll Lengths, Nominal ft	700	467	400	
<u>Dry Tensile Strength</u> (lbs.)	Min.	34	56	97
	Typical	47	75	123
Individual sample of 3-in. width				
Roll Diameter	16 to 22 inches			
Core I.D.	4 inches			
Width	55 inches, ± 1/8 inch			
Wrap-ins	None			
Weight Uniformity	± 15% for individual			

- Superior weight uniformity for consistent reinforcement and processing performance
- High dry tensile strength reduces tearing when using narrow widths
- Softness makes mat conformable for complex pultruded shapes
- Consistent white color in all densities
- Free of fiber glass beads and other contamination
- No loose fibers because stitch bonding technology locks strands in place
- Can be ordered with PPG roving for full truckloads from PPG's Shelby, NC or Chester, SC facility
- Compatible with pultruders' slitting, splicing and creeling techniques
- No insoluble, cured binders that make other mats stiff, inconsistently adhered or off-white in color
- Supported by PPG's extensive technical resources

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PALLETIZING & PACKAGING DATA

Roll Diameters:

⇒ 16-22 inches or 41-56 cm

Pallet Dimensions:

⇒ 5 rolls per pallet

⇒ 52 x 46.5 x 60 inches or 132 x 118 x 152 cm

Caution: To avoid the possibility of potential injury, maintain column stability by limiting pallet stacking to two high as noted on individual shipping container.

Densities		Nominal Weights	
oz/ft ²	g/m ²	Lbs/roll	Kg/roll
1.0	300	200	91
1.5	450	205	93
2.0	600	230	105

*Patent Pending