



## 64TZ VPLY

Fiber Type: E-Glass  
 Architecture: 0/45/-45 Warp Triaxial  
 Dry Thickness: 0.026 in. / 0.66 mm  
 Total Weight: 18.94 oz/sq.yd / 642 g/sq.m

## VECTOR *WIND*

### Roll Specifications

Roll Width: 50 in / 1270 mm  
 Roll Weight: 220 lb / 100 kg  
 Roll Length: 130 yd / 119 m

### Fiber Architecture Data

0 ° : 6.40 oz/sq.yd / 217 g/sq.m  
 45 ° : 6.27 oz/sq.yd / 213 g/sq.m  
 90 ° : n/a  
 -45 ° : 6.27 oz/sq.yd / 213 g/sq.m  
 Chopped Mat : n/a

1: Packaging: box or bag.

2: Weights do not include polyester stitching.

### Laminated Properties

0 °

0 °

#### Laminate Weight

(lb/sq.ft)	64TZ VPLY Resin Infused	64TZ VPLY Open Mold
Fiber	0.13	0.13
Resin	0.06	0.11
Total	0.19	0.24

#### Physical Properties

	64TZ VPLY Resin Infused	64TZ VPLY Open Mold
Density (g/cc)	1.90	1.69
Fiber Content (% by Wt.)	70%	55%
Thickness (in)	0.019	0.027

Laminate Modulii		
(MSI)	64TZ VPLY Resin Infused	64TZ VPLY Open Mold
Ex	3.49	2.51
Ey	2.25	1.60
Gxy	1.38	0.99
Ex,flex.	3.31	2.38
Ey,flex.	2.14	1.52

Ultimate Stress		
(KSI)	64TZ VPLY Resin Infused	64TZ VPLY Open Mold
Long. Ten.	66	47
Long. Comp.	66	47
Trans. Ten.	23	16
Trans. Comp.	23	16
In-Plane Shear	26	19
Long. Flex.	79	57
Trans. Flex.	21	15

In-Plane Stiffness, "EA"		
10 <sup>3</sup> lb/in	64TZ VPLY Resin Infused	64TZ VPLY Open Mold
(EA)x	66	68
(EA)y	43	44
(GA)xy	26	27

Ultimate In-Plane Load		
lb/in	64TZ VPLY Resin Infused	64TZ VPLY Open Mold
Long. Ten.	1,254	1,291
Long. Comp.	1,254	1,291
Trans. Ten.	428	436
Trans. Comp.	428	436
In-Plane Shear	496	511

**Notes:**

- 1: Resin infused laminate made with a poly / vinyl ester resin blend.
- 2: Open mold laminate made with poly / vinyl ester resin blend.
- 3: All standard reinforcements should be infused with a flow aid or Vectorfusion® reinforcements.



3500 Lakewood Dr. Phenix City, AL 36867 tel. 334 291 7704 fax. 334 291 7743

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Disclaimer:

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VP makes no warranty whatsoever as to the accuracy of any such predicted physical performance, and customer acknowledges that customer is solely responsible for determining the performance and fitness for a particular use of any product produced by customer utilizing a fabric or material produced or manufactured by VP. Specifications of reinforcements may change without notice.