



## E-LTM 4410

Fiber Type: E-Glass  
 Architecture: 0°/90° Biaxial  
 Dry Thickness: 0.067 in. / 1.70 mm  
 Total Weight: 52.92 oz/sq.yd / 1794 g/sq.m



### Roll Specifications

Roll Width: 50 in / 1270 mm  
 Roll Weight: 200 lb / 91 kg  
 Roll Length: 43 yd / 39 m

### Fiber Architecture Data

0 ° : 21.93 oz/sq.yd / 744 g/sq.m  
 45 ° : n/a  
 90 ° : 21.99 oz/sq.yd / 746 g/sq.m  
 - 45 ° : n/a  
 Chopped Mat : 9.00 oz/sq.yd / 305 g/sq.m

1: Packaging: box or bag.

2: Weights do not include polyester stitching.

### Laminated Properties

0 °

0 °

#### Laminate Weight

(lb/sq.ft)	E-LTM 4410 Resin Infused	E-LTM 4410 Open Mold
Fiber	0.37	0.37
Resin	0.19	0.36
Total	0.56	0.72

#### Physical Properties

	E-LTM 4410 Resin Infused	E-LTM 4410 Open Mold
Density (g/cc)	1.83	1.64
Fiber Content (% by Wt.)	66%	51%
Thickness (in)	0.059	0.085

Laminate Moduli		
(MSI)	E-LTM 4410 Resin Infused	E-LTM 4410 Open Mold
Ex	3.32	2.38
Ey	3.32	2.38
Gxy	0.43	0.30
Ex,flex.	3.07	2.20
Ey,flex.	3.07	2.20

Ultimate Stress		
(KSI)	E-LTM 4410 Resin Infused	E-LTM 4410 Open Mold
Long. Ten.	54	39
Long. Comp.	63	45
Trans. Ten.	54	39
Trans. Comp.	63	45
In-Plane Shear	11	10
Long. Flex.	79	57
Trans. Flex.	79	57

In-Plane Stiffness, "EA"		
10 <sup>3</sup> lb/in	E-LTM 4410 Resin Infused	E-LTM 4410 Open Mold
(EA)x	195	202
(EA)y	195	202
(GA)xy	25	26

Ultimate In-Plane Load		
lb/in	E-LTM 4410 Resin Infused	E-LTM 4410 Open Mold
Long. Ten.	3,195	3,309
Long. Comp.	3,688	3,820
Trans. Ten.	3,198	3,313
Trans. Comp.	3,692	3,824
In-Plane Shear	627	840

**Notes:**

- 1: Resin infused laminate made with vinyl ester resin 200 cps viscosity @ 77° F.
- 2: Open mold laminate made with polyester resin.
- 3: All standard reinforcements should be infused with a flow aid or Vectorfusion® reinforcements.



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Disclaimer:

As a service to customers, Vectorply Corporation ("VP") may provide computer-generated predictions of the physical performance of a product using a reinforcement fabric produced by VP in combination with other materials or systems.

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.