



## E-TLX 2400

Fiber Type: E-Glass  
Architecture: 0°/+45°/-45° Triaxial  
Dry Thickness 0.035 in. / 0.89 mm  
Total Weight: 26.11 oz/sq.yd / 885 g/sq.m

**VECTORSports™**



### Roll Specifications

Roll Width: 50 in / 1270 mm  
Roll Weight: 224 lb / 102 kg  
Roll Length: 96 yd / 88 m

### Fiber Architecture Data

0 ° : 15.36 oz/sq.yd / 521 g/sq.m  
45 ° : 5.38 oz/sq.yd / 182 g/sq.m  
90 ° : n/a  
- 45 ° : 5.38 oz/sq.yd / 182 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)

E-TLX 2400  
Resin Infused

E-TLX 2400  
Open Mold

Fiber

0.18

0.18

Resin

0.08

0.15

Total

0.26

0.33

#### Physical Properties

E-TLX 2400  
Resin Infused

E-TLX 2400  
Open Mold

Density (g/cc)

1.90

1.69

Fiber Content (% by Wt.)

70%

55%

Thickness (in)

0.026

0.037

Laminate Moduli		
(MSI)	E-TLX 2400 Resin Infused	E-TLX 2400 Open Mold
Ex	4.06	2.95
Ey	1.89	1.35
Gxy	0.97	0.69
Ex,flex.	3.52	2.53
Ey,flex.	1.63	1.16

Ultimate Stress		
(KSI)	E-TLX 2400 Resin Infused	E-TLX 2400 Open Mold
Long. Ten.	77	56
Long. Comp.	77	56
Trans. Ten.	19	14
Trans. Comp.	19	14
In-Plane Shear	28	20
Long. Flex.	97	70
Trans. Flex.	19	14

In-Plane Stiffness, "EA"		
10 <sup>3</sup> lb/in	E-TLX 2400 Resin Infused	E-TLX 2400 Open Mold
(EA)x	107	111
(EA)y	50	51
(GA)xy	26	26

Ultimate In-Plane Load		
lb/in	E-TLX 2400 Resin Infused	E-TLX 2400 Open Mold
Long. Ten.	2,021	2,094
Long. Comp.	2,021	2,094
Trans. Ten.	496	506
Trans. Comp.	496	506
In-Plane Shear	724	735

**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.