



## E-LR 0908

Fiber Type: E-Glass  
 Architecture: 0° Unidirectional  
 Dry Thickness: 0.019 in. / 0.48 mm  
 Total Weight: 9.86 oz/sq.yd / 334 g/sq.m

**VECTORSPORTS™**



### Roll Specifications

Roll Width: 50 in / 1270 mm  
 Roll Weight: 159 lb / 72 kg  
 Roll Length: 177 yd / 162 m

### Fiber Architecture Data

0° : 8.96 oz/sq.yd / 304 g/sq.m  
 45° : n/a  
 90° : n/a  
 - 45° : n/a  
 Polyester Veil: 0.90 oz/sq.yd / 31 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-LR 0908 Resin Infused	E-LR 0908 Open Mold
Fiber	0.07	0.07
Resin	0.03	0.07
Total	0.10	0.13

#### Physical Properties

	E-LR 0908 Resin Infused	E-LR 0908 Open Mold
Density (g/cc)	1.83	1.60
Fiber Content (% by Wt.)	70%	51%
Thickness (in)	0.010	0.016

Laminate Moduli		
(MSI)	E-LR 0908 Resin Infused	E-LR 0908 Open Mold
Ex	5.01	3.43
Ey	2.01	1.27
Gxy	0.39	0.25
Ex,flex.	4.65	3.17
Ey,flex.	1.86	1.18

Ultimate Stress		
(KSI)	E-LR 0908 Resin Infused	E-LR 0908 Open Mold
Long. Ten.	95	65
Long. Comp.	95	65
Trans. Ten.	40	25
Trans. Comp.	40	25
In-Plane Shear	12	8
Long. Flex.	100	69
Trans. Flex.	40	25

In-Plane Stiffness, "EA"		
10 <sup>3</sup> lb/in	E-LR 0908 Resin Infused	E-LR 0908 Open Mold
(EA)x	52	55
(EA)y	21	21
(GA)xy	4	4

Ultimate In-Plane Load		
lb/in	E-LR 0908 Resin Infused	E-LR 0908 Open Mold
Long. Ten.	981	1,048
Long. Comp.	981	1,048
Trans. Ten.	415	411
Trans. Comp.	415	411
In-Plane Shear	121	123

**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.



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

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.