



## C-BX 2400

Fiber Type: Carbon  
 Architecture: 45/-45 Double Bias  
 Dry Thickness: 0.048 in. / 1.22 mm  
 Total Weight: 23.65 oz/sq.yd / 802 g/sq.m

**VECTORULTRA**<sup>™</sup>



### Roll Specifications

Roll Width: 50 in / 1270 mm  
 Roll Weight: 113 lb / 51 kg  
 Roll Length: 55 yd / 50 m

### Fiber Architecture Data

0 ° : n/a  
 45 ° : 11.83 oz/sq.yd / 401 g/sq.m  
 90 ° : n/a  
 -45 ° : 11.83 oz/sq.yd / 401 g/sq.m  
 Chopped Mat : n/a

1: Packaging: box or bag.

2: Weights do not include polyester stitching.

### Laminated Properties

45 °

45 °

#### Laminate Weight

(lb/sq.ft)	C-BX 2400 Resin Infused	C-BX 2400 Open Mold
Fiber	0.16	0.16
Resin	0.09	0.20
Total	0.26	0.37

#### Physical Properties

	C-BX 2400 Resin Infused	C-BX 2400 Open Mold
Density (g/cc)	1.53	1.41
Fiber Content (% by Wt.)	64%	45%
Thickness (in)	0.032	0.050

Laminate Modulii		
(MSI)	C-BX 2400 Resin Infused	C-BX 2400 Open Mold
Ex	9.08	6.13
Ey	9.08	6.13
Gxy	0.59	0.42
Ex,flex.	8.63	5.83
Ey,flex.	8.63	5.83

Ultimate Stress		
(KSI)	C-BX 2400 Resin Infused	C-BX 2400 Open Mold
Long. Ten.	75	50
Long. Comp.	41	27
Trans. Ten.	75	50
Trans. Comp.	41	27
In-Plane Shear	12	8
Long. Flex.	54	37
Trans. Flex.	54	37

In-Plane Stiffness, "EA"		
10 <sup>3</sup> lb/in	C-BX 2400 Resin Infused	C-BX 2400 Open Mold
(EA)x	294	305
(EA)y	294	305
(GA)xy	19	21

Ultimate In-Plane Load		
lb/in	C-BX 2400 Resin Infused	C-BX 2400 Open Mold
Long. Ten.	2,415	2,506
Long. Comp.	1,314	1,363
Trans. Ten.	2,415	2,506
Trans. Comp.	1,314	1,363
In-Plane Shear	384	419

**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.



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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 utilising a fabric or material produced or manufactured by VP. Specifications of reinforcements may change without notice.