

## 2212 Black Fiberglass



**Overview:** Black fiberglass is woven to look just like 2K Twill carbon fiber. Of course, it does not have any of the strength properties associated with carbon. Black fiberglass is generally about half the price of carbon and it is an ideal alternative to carbon for cosmetic applications.

Available in 1, 3 and 5 yard packages; custom cuts of 10 yards or more; and full rolls.

### Specific Product Properties:

Description	3K Equiv Black Glass Fabric, 2x2 TW, 420 gsm nom.
Raw Material	Black pigmented E-Glass warp and fill (3K Carbon equivalent size and appearance)
Weave	2x2 Twill Weave
Construction	12.5 epi (+/- 0.75) x 12.5 ppi (+/- 0.75)
Weight	420 gsm (+/- 15gsm)(12.4 oz/yd <sup>2</sup> +/- 0.45)
Std. Width	50" (+/- 0.5")
Edge Type	Kevlar Leno @ Selvedge

### Weave Pattern Rankings:

	Thickness	Weight	Strength	Porosity
Plain	3	1	3	1
Twill	2	1	4	2
4-Harness Satin	3	1	4	2
8-Harness Satin	1	1	7	4
Leno	7	7	1	7
Mock Leno	6	1	2	4

This was a scale from 1 to 7, with 1 being the lowest and 7 being the highest.

### Resin Compatibility:

Part Number	Polyester Resin	Vinyl Ester Resin	System 2000 Epoxy
2212	X	X	X
1301	X	X	X

A "P" is for the primary resin for the fabric.  
 An "X" means the fabric is compatible with the resin.  
 The compatibility is based on Fibre Glast Development's resins only.