Fiberglass Reference

Tag Color	PN	Materials	Weight Oz/Yd²	Width Inches	Thick Mils	Application Notes	Use with: Epoxy	Use with: Polyester	Use with: Vinyl-Ester
E-Glass	1522	Deck cloth	3.67	50	5.3	For applications where transparency is important.	●	●	●
	7533	Boat C cloth	5.63	38/50/60	7.3	Lightweight.	●	●	●
	7532	Boat D cloth	7.25	38	10	Medium weight. Most common all purpose application cloth.	●	●	●
	7520	Boat A cloth	8.37	38/50	11.4	Medium weight. Most common all purpose application cloth.	●	●	●
	7520	Boat A selvage tape	8.37	1-12	11.4	Repairs.	●	●	●
	7725	Modified Twill	8.8	38	9.3	Draping ability, good for compound shapes.	●	●	●
	7500	AA cloth	9.41	38	11.8	Heavyweight.	●	●	●
	1844	Woven Roving cloth	18	38	38	High strength. Course open fabric. Not for areas desiring smooth surface.	●	●	●
S2	4522	Surf-Sailboard	3.64	30	5.1	20% stronger than E-Glass. High strength to weight ratio, impact resistance and service temperature. Excellent for surfboards and sail boards.	●	●	●
	4533		5.6	30	7.4				
Mat	–	Surfacing Veil	0.77	35.5	0.01	Reduce readout of weave. High chemical and corrosion resistance.	●	●	●
	–	Glass Mat	0.75/ft²	38	0.022	Adds stiffness when used between cloth/roving. Conforms to compound curves.		●	●
			1.5/ft²	38	0.045				
	–	Coremat	1.8/ft²	39	98	Use as a laminate core. High strength. Increases rigidity with minimal weight increase.	●	●	●
Knytex	1808	X-Mat	26.45	50	49	Tabbing and corner reinforcement. 45° bi-directional. Builds thickness quickly, reducing labor.	●	●	●
	1808	X-Mat Tape	26.45	4/6	49		●	●	●
Carbon	GA045	Carbon Fiber Unidirectional	4.4	12	6.7	Exceptional stiffness w/ lightweight. Thermally & electrically conductive. Unidirectional.	●		●
	282	Carbon Fiber Cloth	5.8	50	10.10	Exceptional stiffness w/ lightweight. Thermally & electrically conductive. Bi-directional.	●		●

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