

Fiberglass Fabrics Data Sheet

Fabric Style/ Common Name	Weave	Warp Count	Fill Count	Warp Yarn	Fill Yarn	Fabric Weight		Fabric Thickness		Notes	
						(oz/yd2)	(g/m2)	(mils)	(mm)		Width
Lightweight											
108 Lightweight	Plain	60	47	900-1/0	900-1/0	1.43	48	2.5	0.06	1	50"
Boat /Tooling											
1522 Deck Cloth	Plain	24	22	150-1/2	150-1/2	3.7	124	4.8	0.12	–	50"
7520 A-Cloth Std Weigth	Plain	18	18	75-1/3	75-1/3	8.7	294	12	0.3	1	38" 50"
7532 D-Cloth Mid Weight	Plain	16	14	75-1/3	75-1/3	7.23	245	10	0.25	–	38"
7500 AA-Cloth Heavyweight	Plain	16	14	37-1/2	37-1/2	9.6	325	11	0.28	1	38"
7533 C-Cloth Lightweight	Plain	18	18	75-1/2	75-1/2	5.85	198	8	0.2	1	38" 50" 60"
7725 Modified Twill	2/2 Twill	54	18	75-1/0	25-1/0	8.8	298	9.3	0.24		38"
S-2 Glass											
4522	Plain	24	22	150-1/2	150-1/2	3.64	123	5.1	0.13	–	30"
4533	Plain	18	18	75-1/2	75-1/2	5.92	201	7.4	0.19	1	30"
Specialty											
282 Carbon Graphite*	Plain	12	12	3K	3K	5.8	197	8.7	0.22		50"
284 Carbon Twill	2/2 Twill	12	12	3K	3K	5.8	197	8.7	0.22		50"
1168 Carbon/Kevlar	2/2 Twill	7.25	7.25	3K/2160	3K/2160	7.4	251	12.5	0.32		50"
GA045 Unidirectional Graphite	Plain	10	4	6 K	Proprietary	4.5	149	6.7	0.17		12"
GA090 Unidirectional Graphite	Plain	10	4	12 K	Proprietary	8.9	302	13.4	0.34		12"
354 Aramid/Kevlar	Plain	13	13	1420	1420	4.8	163	10	0.25		50"
Fiberglass Tape										Length	Width
520 Selvage Tape	Plain	18	17	75-1/3	75-1/3	8.7	295	9.1	0.23	50	1-12"

Notes: 1) Conforms to MIL-Y-1140.

282 Notes* *Lightweight bidirectional fabric. Aerospace standard.