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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
Boat /Tooling											
1522 Deck Cloth	Plain	24	22	150-1/2	150-1/2	3.67	124	5.3	0.12	–	50"
7520 A-Cloth Std Weigth	Plain	18	18	75-1/3	75-1/3	8.37	284	11.4	0.29	1	38" 50"
7532 D-Cloth Mid Weight	Plain	16	14	75-1/3	75-1/3	7.25	246	10	0.25	–	38"
7500 AA-Cloth Heavyweight	Plain	16	14	37-1/2	37-1/2	9.41	319	11.8	0.30	1	38"
7533 C-Cloth Lightweight	Plain	18	18	75-1/2	75-1/2	5.63	191	7.3	0.19	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	5.6	190	7.4	0.19	1	30"
Specialty											
282 Carbon Graphite*	Plain	12	12	3K	3K	5.8	197	10.10	0.26		50"
284 Carbon Twill	2/2 Twill	12	12	3K	3K	5.8	197	9.1	0.23		50"
GA045 Unidirectional Graphite	Plain	10	4	6 K	Proprietary	4.4	149	6.7	0.17		12"
GA090 Unidirectional Graphite	Plain	10	4	12 K	Proprietary	8.9	302	12.5	0.34		12"
354 Aramid/Kevlar	Plain	13	13	1420	1420	4.9	166	10	0.25		50"
Fiberglass Tape											
520 Selvage Tape	Plain	18	17	75-1/3	75-1/3	8.37	284	11.4	0.29	Length 50	Width 1-12"

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

282 Notes* *Lightweight bidirectional fabric. Aerospace standard.

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