

CARBON FIBER FABRIC

Carbon fabrics offer excellent properties such as high strength, high modulus, high strength to weight ratio, thermal and electrical conductivity and very low coefficient of thermal expansion. Wide ranges of yarn sizes and weave patterns provide unlimited design potential, allowing the end user to choose the best combination of material performance and product flexibility.

COMMON CARBON FABRIC STYLES (other styles are available)

Style*	Yarn	Weave	Pick Count (ends/in)	Areal Weight (oz/yd ²)	Thickness (inches)
170	1K	12HS	48 x 48	7.32	.019
• 172	1K	Plain	24 x 24	3.65	.009
178	1K	Plain	19 x 19	2.94	.007
• 104	3K	Plain	12.5 x 12.5	5.60	.011
131	3K	4HS	12.5 x 12.5	5.60	.016
128	3K	5HS	18 x 18	8.26	.021
301	3K	4 x 4 Twill	18 x 18	8.40	.023
105	3K	8H Satin	24 x 23	10.91	.022
• 171	3K	2 x 2 Twill	12 x 12	5.70	.011
• 117	6K	5H Satin	11 x 11	10.90	.026
• 148	6K	Plain	8 x 8	7.50	.021
• 169	6K	2 x 2 Twill	11 x 11	10.30	.024
• 177	6K	2 x 2 Basket	10 x 10	10.22	.034
• 200	6K	4H Satin	11 x 11	10.19	.028
• 112	12K	Plain	8 x 8	15.50	.030
• 121	12K	2 x 2 Basket	10 x 10	19.50	.043
• 181	12K	2 x 2 Twill	10 x 10	19.00	.042

- Recommended for tooling

* Some manufacturer's style numbers may differ.

Most fabrics available in 38", 50", and 60" widths. Custom widths are available upon request.

Also Available: "HYBRIDS" (Combinations of Glass, Graphite & Kevlar)
"UNI-DIRECTIONAL"
"MULTI-DIRECTIONAL"

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