

HIGH-PERFORMANCE CARBON AND CERAMIC WOVEN TAPES AND FABRICS



ENGINEERED TEXTILES FOR EVERYDAY CHALLENGES AND YEARS OF PERFORMANCE

Bally Ribbon Mills has maintained a position of leadership in the design, development and fabrication of high-quality engineered textiles. With a 150,000 square foot facility, the industry's most advanced equipment and a highly skilled technical staff, we are ready to meet any challenge.

We offer 2-D woven tapes and fabrics in carbon, ceramics, silicon carbide, quartz, aramid, and hybrids in widths from 0.25" (6.35 mm) to 60" (1.524 m). The following is just a sampling of our woven materials capabilities.

Carbon Tapes and Fabrics

YARN TYPE	WEAVE	YARNS/INCH WARP X FILL	WEIGHT oz/yd ² (g/m ²)	THICKNESS inch (mm)
T300® - 1K	5HS	24 X 24	3.7 (125)	0.008 (0.20)
T300® - 3K	8HS	24 X 23	10.8 (366)	0.017 (0.42)
T300® - 12K	Plain	8 X 8	15.5 (525)	0.029 (0.73)
AS4® - 3K	Plain	11.5 X 11.5	5.7 (193)	0.010 (0.25)
AS4® - 6K	5HS	11 X 11	10.9 (370)	0.020 (0.50)
P25® - 4K	8HS	13 X 13	20.9 (708)	0.036 (0.90)
P55® - 4K	8HS	13 X 13	21.7 (736)	0.038 (0.95)
IM7® - 4K	5HS	16 X 16	8.2 (280)	0.018 (0.46)
M40J® - 4K	5HS	10 X 10	5.3 (180)	0.010 (0.25)

Ceramic Tapes and Fabrics

YARN TYPE	WEAVE	YARNS/INCH WARP X FILL	WEIGHT oz/yd ² (g/m ²)	THICKNESS inch (mm)
Nextel® 312	D. Plain	40 X 20	29.5 (1000)	0.048 (1.22)
Nextel® 312	5HS	32 X 20	25.2 (854)	0.039 (0.99)
Nextel® 440	C. Satin	21 X 20	20.0 (678)	0.030 (0.76)
Nextel® 440	5HS	33 X 21	14.0 (474)	0.022 (0.55)
Nicalon® SiC	8HS	27 X 27	14.3 (484)	0.019 (0.48)



ADVANCED PRODUCTS GROUP

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