

WOVEN PRODUCT LINE CARD¹

Property	Test Method	Value	Unit	135ST	200ST	250ST	315ST	102F	104F	111F	117F	2130	2X2HF	3X3HF	4X4HF	4X6
MECHANICAL																
Grab Tensile Strength	ASTM D-4632	MARV	lb	135	200	250	315	400 x 315	370 x 250	365 x 200	350 x 280	124	-	-	-	-
			N	601	890	1112	1401	1779 x 1401	1646 x 1112	1624 x 890	1557 x 1246	552	-	-	-	-
Grab Elongation	ASTM D-4632	MARV	%	12	15	15	15	15 x 15	15 x 15	24 x 10	20 x 15	15 x 20	-	-	-	-
Wide Width Tensile	ASTM D-4595	MARV	lbs/ft	-	-	-	-	-	-	-	-	-	2640 x 2460	3600 x 3600	4800 x 4800	5400 x 7500
			kN/m	-	-	-	-	-	-	-	-	-	-	38.5 x 35.9	52.5 x 52.5	70.1 x 70.1
Wide Width Tensile at 2% Strain	ASTM D-4595	MARV	lbs/ft	-	-	-	-	-	-	-	-	-	504 x 600	480 x 420	960 x 1320	-
			kN/m	-	-	-	-	-	-	-	-	-	-	7.4 x 8.8	7 x 6.1	14 x 19.3
Wide Width Tensile at 5% Strain	ASTM D-4595	MARV	lbs/ft	-	-	-	-	-	-	-	-	-	1272 x 1440	1392 x 1740	2400 x 3000	1200 x 4200
			kN/m	-	-	-	-	-	-	-	-	-	-	18.6 x 21	20.3 x 25.4	35 x 43.8
CBR Puncture	ASTM D-6241	MARV	lb	380	700	750	900	1150	950	675	885	-	1000	1600	2000	2000
			N	1690	3114	3336	4003	0	4226	3003	3937	-	4448	7117	8896	8896
Trapezoidal Tear	ASTM D-4533	MARV	lb	55	75	90	113	150 x 165	100 x 60	115 x 75	110 x 95	60	130 x 100	180 x 140	180 x 180	180 x 270
			N	245	334	400	503	667 x 734	445 x 267	512 x 334	489 x 423	267	578.3 x 444.8	800.7 x 622.8	800.7 x 800.7	800.7 x 1201
HYDRAULIC																
Apparent Opening Size	ASTM D-4751	MaxARV	US Sieve	30	40	40	40	40	70	40	30	30	30	30	30	40
			mm	0.600	0.425	0.425	0.425	0.425	0.212	0.425	0.600	0.600	0.600	0.600	0.425	0.600
Percent Open Area	CW-02215 MOD	MARV	%	-	-	-	-	1%	4	10	17	-	-	-	-	-
Permittivity	ASTM D-4491	MARV	sec ⁻¹	0.05	0.05	0.05	0.05	0.90	0.28	2.10	1.50	0.05	0.60	0.80	0.40	0.26
Water Flow Rate	ASTM D-4491	MARV	gpm/ft ²	4	4	4	4	70	18	145	200	10	40	60	30	20
			l/min/m ²	163	163	163	163	2,852	733	5,908	8,149	407	1,630	2,445	1,222	815
ENDURANCE																
UV Resistance at 500 hrs	ASTM D-4355	MARV	% Retained	70	70	70	70	90%	90	90	80	80	80	80	80	70

Notes: 1. The property values listed above are effective 05/27/2020 and are subject to change without notice. Values represent testing at time of manufacture.
2. Contact your local Territory Business Manager (TBM) for custom widths and colors. Lead times may vary depending on customer requirements and volume requested.