

NONWOVEN GEOTEXTILES

PRODUCT DATA

PROPERTIES	TEST METHOD	UNIT	TX-70	TX-80	TX-90	TX-110	TX-170	TX-200	TX-300	TX-400	TX-800	TX-1600	TX-2000
PHYSICAL													
Grab Tensile Strength	TYPICAL MINIMUM ASTM D 4632	lbs	97 90	112 101	134 120	169 151	192 170	214 197	259 237	305 271	372 327	636 564	790 744
Grab Tensile Elongation	ASTM D 4632	%	40-100	40-100	40-100	40-100	40-100	50-110	50-110	50-110	50-110	60-120	50-110
Trapezoid Tear	TYPICAL MINIMUM ASTM D 4533	lbs	50 42	51 47	62 53	83 70	86 73	103 81	113 96	124 110	158 135	293 237	338 305
Mullen Burst	TYPICAL MINIMUM ASTM D 3786	psi	196 167	217 195	261 255	330 298	363 327	377 348	443 406	508 457	573 508	1067 1016	1503 1452
Thickness	MINIMUM ASTM D 5199	mils	36	40	44	92	56	68	104	112	128	232	288
HYDRAULIC													
Permeability	ASTM D 4491	10 ⁻¹ cm/sec	1.5	1.4	1.3	2.5	1.1	1.1	1.4	1.9	2.5	1.6	1.3
Filtration Opening Size	ASTM D 4751	US Sieve	120-140	120-170	140-200	140-200	140-200	140-200	140-200	170-200	170-200	170-200	170-200
STANDARD DIMENSION													
Roll Width		yd	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Roll Length		yd	164	164	164	109	109	109	109	109	109	54.3	54.3
CONSTRUCTION													
Type of fiber	POLYPROPYLENE / POLYESTER												
Type of construction	NEEDLEPUNCHED NONWOVEN												

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