



# CIVIL NONWOVEN GEOTEXTILES

PROPERTY	UNIT	TEST METHOD	NONWOVENS										ASPHALT OVERLAY	
			0311	0351	0401	0451	0601	0701	0801	1001	1201	1601	4599	4598
Weight (Typical)	oz/sy (g/sm)	ASTM D5261	3.1 (105)	3.5 (119)	4.0 (136)	4.2 (142)	6.0 (203)	7.0 (237)	8.0 (271)	10.0 (339)	12.0 (407)	16.0 (542)	3.8 (129)	4.2 (143)
Grab Tensile	lbs (kN)	ASTM D4632	80 (.35)	90 (.401)	100 (.445)	120 (.533)	160 (.711)	180 (.80)	205 (.911)	250 (1.11)	300 (1.33)	380 (1.69)	90 (.40)	102 (.453)
Grab Elongation	%	ASTM D4632	50	50	50	50	50	50	50	50	50	50	50	50
Trapezoid Tear	lbs (kN)	ASTM D4533	25 (.11)	40 (.178)	50 (.222)	50 (.222)	65 (.289)	75 (.333)	85 (.378)	100 (.444)	115 (.511)	145 (.644)	35 (.155)	45 (.20)
Puncture Resistance	lbs (kN)	ASTM D4833	30 (.13)	60 (.267)	65 (.289)	70 (.311)	90 (.40)	105 (.467)	130 (.578)	160 (.711)	180 (.80)	240 (1.07)	55 (.244)	60 (.247)
Permittivity <sup>1</sup>	l/sec	ASTM D4491	2.2	2.2	2.0	1.8	1.6	1.5	1.4	1.2	1.0	0.7	---	---
Water Flow <sup>1</sup>	gpm/sf (1/min/sm)	ASTM D4491	150 (6095)	150 (6095)	140 (5689)	120 (4885)	110 (4480)	100 (4074)	90 (3657)	80 (3251)	75 (3055)	50 (2035)	---	---
A.O.S. <sup>1</sup>	U.S. Sieve (mm)	ASTM D4751	50 (.30)	50 (.30)	70 (.212)	70 (.212)	70 (.212)	70 (.212)	80 (.180)	100 (.150)	100 (.150)	100 (.150)	---	---
U.V. Resistance	%/hrs	ASTM D4355	70/500	70/500	70/500	70/500	70/500	70/500	70/500	70/500	70/500	70/500	70/500	70/500
Asphalt Retention	gal/sy	---	---	---	---	---	---	---	---	---	---	---	0.2	0.2
Melting Point	°F (°C)	---	---	---	---	---	---	---	---	---	---	---	300 (149)	300 (149)
<sup>1</sup> At time of manufacturing. Handling, storage and shipping may change these properties.														
<b>PACKAGING</b>														
Roll Dimensions (ft)	12.5/15 x 360					12.5 x 360 15 x 300		12.5 x 360 15 x 300			15 x 150	6.25/10.5/12.5/ 15 x 360		
Square Yards/Roll	500/600					500		500			250	250/420/500/600		
Estimated Roll Weight (lbs)	125/145	130/155	146/172	152/180	195	220	250	320	375	250	70/115/130/150			