



WESTERN ENVIRONMENTAL LINER

Geotextile Specification Sheet for puncture resistance and Flow Rate

PROPERTY	N03	N04	SD	N04.5	S04	N05	N06	N07	N08	N10	N12	N16	OL
Tensile Strength, lbs. ASTM D-4632	80	90	100	120	130	135	160	180	203	250	300	400	90
Elongation (%) Minimum ASTM D-4632	50	50	50	50	50	50	50	50	50	50	50	50	50
Trapezoid Tear (lbs.) ASTM D-4533	35	40	45	50	60	55	65	75	80	100	115	145	30
Mullen Burst (psi) ASTM D-3786	150	185	210	230	140	270	310	330	380	520	600	750	180
Puncture Strength (lbs.) ASTM D-4833	45	55	65	70	40	80	90	105	130	165	190	240	NA
Permeability (cm/sec.) ASTM D-4491	.2	.2	.2	.2	.04	.2	.2	.2	.2	.2	.2	.2	NA
Permittivity (1/sec.) ASTM D-4491	2.2	2.1	2.0	1.8	0.8	1.7	1.5	1.5	1.5	1.2	.9	.7	NA
Water Flow Rate (g/m/sf) ASTM D-4491	160	155	145	130	60	120	110	110	110	85	65	50	NA
UV Resistance (% @ 500hrs.) ASTM D-4355 <i>*(@150 hrs.)</i>	70	70	70	70	70	70	70	70	70	70	70	70	*70
AOS (U.S. Std. Sieve) ASTM D-4751	70	70	70	70	70	70	70	70	100	100	100	100	NA
Asphalt Retention (g/sy) ASTM D-6140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	.2
<u>ROLL DIMENSIONS</u>													
Width (ft.)	12.5/15	12.5/15	12.5/15	12.5/15	12.5	12.5/15	15	15	15	15	15	15	12.5
Length (ft.)	432/360	432/360	432/360	432/360	300	432/360	300	300	300	180	180	180	360
Area (sy)	600	600	600	600	417	600	500	500	500	300	300	300	500
Approximate Weight (lbs.)	170	190	190	225	120	240	240	275	300	240	270	340	170