

MILEPOST Non Woven Geotextiles

100% stable polyester and polypropylene needle-punched fabrics designed for multi-purpose engineered use.

Provide tensile reinforcement, filtration, and separation for roads, roofs, railroads, ponds, dams, trenches, landfills and many other civil engineering and construction uses.

Resistant to tears, soil chemicals, puncture, ultra violet light exposure, and are virtually unaffected by hydrocarbons, mildew, rot and freeze-thaw

Specifications

Style	Test Method	AEF 480HS	AEF 680HS	AEF 880	AEF 1080	AEF 1280	AEF 1680	
Widths (ft)		15	15	15	15	15	15	
Length (yd)		400	400	300	300	200	200	
Fabric (oz/syd)		4	6	8	10	12	16	
Composition		Polypropylene-----					Polypropylene	
Thickness (mils)	ASTM D-1777	60	70	120	130	145	175	
Grab Strength (lbs.)	ASTM D-4632	105	160	205	250	300	380	
Elongation (%)	ASTM D-4632	50	50	50	50	50	50	
Trapezoid Tear (lb)	ASTM D-4533	45	45	85	100	115	150	
Mullen Burst (psi)	ASTM D-3786	210	250	350	460	580	750	
Puncture Strength (lb)	ASTM D-4833	65	65	110	150	175	240	
A.O.S. (U.S. Sieve)	ASTM D-4751	70	80	80	70-140	100	100	
Permittivity (sec ⁻¹)	ASTM D-4491	2	1.63	1.5	0.94	1	0.7	
Water Flow Rate (gpm/ft ²)	ASTM D-4491	140	110	110	75	75	50	

UV Resistance (%)

ASTM D-4355

70

70

70

70

70

70