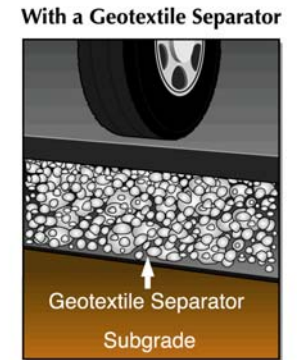
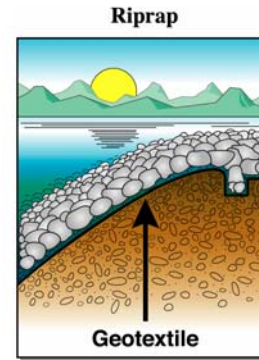
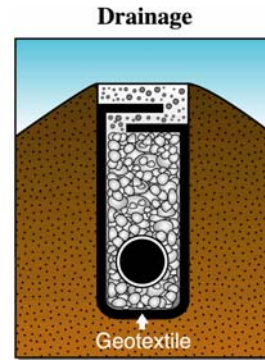


Nonwoven Fabrics

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www.usfabricsinc.com

US Fabrics offers a complete line of nonwoven fabrics made from 100% polypropylene staple filaments. Lightweight nonwoven fabrics (US 80NW – US120 NW) act as filters in drainage applications. Medium weight nonwoven fabrics (US 160NW – US 205NW) applications include riprap and separators under pavements. Heavy weight nonwoven fabrics (US 270NW – US 380NW) are ideal for erosion control, cushions for membranes and stabilizer/separators under railroad tracks.



NONWOVEN FABRICS		DRAINAGE				SEPARATION / UNDER RIP RAP			RAILROAD SEPARATOR / GEOMEMBRANE CUSHION		
PROPERTY	METHOD	US 80NW	US 90NW	US 115NW	US 120NW	US 160NW	US 180NW	US 205NW	US 270NW	US 300NW	US 380NW
Weight, Typical gsm	ASTM D5261	105	119	136	142	203	237	271	339	407	543
Tensile Strength, N	ASTM D-4632	355	401	512	533	711	800	910	1201	1335	1690
Elongation @ Break, %	ASTM D-4632	50	50	50	50	50	50	50	50	50	50
Mullen Burst, kPa	ASTM D-3786	896	1275	1481	1654	2170	2412	2756	3583	4134	5168
Puncture Strength, N	ASTM D-4833	134	267	289	311	400	467	578	711	801	1070
Trapezoidal Tear, N	ASTM D-4533	111	178	222	222	289	333	378	444	511	644
AOS – U.S. Std Sieve	ASTM D-4751	0.212	0.212	0.212	0.212	0.212	0.212	0.18	0.150	0.150	0.150
Permittivity, sec ⁻¹	ASTM D-4491	2.2	2.2	2.0	1.8	1.6	1.5	1.4	1.2	1.0	0.7
U.V. Resistance, %	ASTM D-4355 (500 hrs)	70	70	70	70	70	70	70	70	70	70
Flow Rate, l/min/m ²	ASTM D-4491	6095	6095	5689	4885	4480	4074	3657	3251	3055	2035

The above information is to the best of our knowledge accurate, but is not intended to be considered as a guarantee. Any implied warranty for a particular use or purpose is excluded. If the Product does not meet the above properties, and notice is given to US Fabrics, Inc., the product will be replaced or refunded. (1/2009).