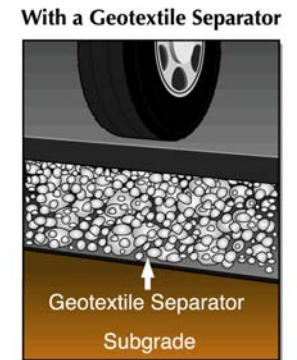
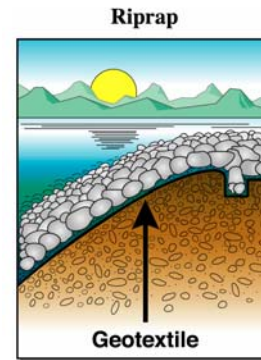
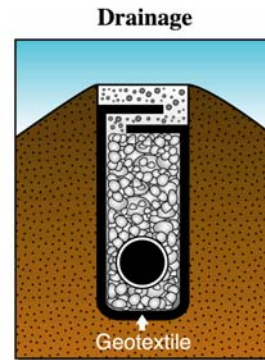


Nonwoven Fabrics

3904 Virginia Ave • Cincinnati, OH 45227 • Phone (513) 271-6000 • Fax (513) 271-4420

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 oz/sy	ASTM D5261	3.0	3.5	4.0	4.5	6.0	7.0	8.0	10.0	12.0	16.0
Tensile Strength, lbs.	ASTM D-4632	80	90	115	120	160	180	205	270	300	380
Elongation @ Break, %	ASTM D-4632	50	50	50	50	50	50	50	50	50	50
Mullen Burst, psi	ASTM D-3786	130	185	215	240	315	350	400	520	600	750
Puncture Strength, lbs.	ASTM D-4833	30	60	65	70	90	105	130	160	180	240
Trapezoidal Tear, lbs	ASTM D-4533	25	40	50	50	65	75	85	100	115	145
AOS – U.S. Std Sieve	ASTM D-4751	70	70	70	70	70	70	80	100	100	100
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, gal/min/sf	ASTM D-4491	150	150	140	120	110	100	90	80	75	50

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).