

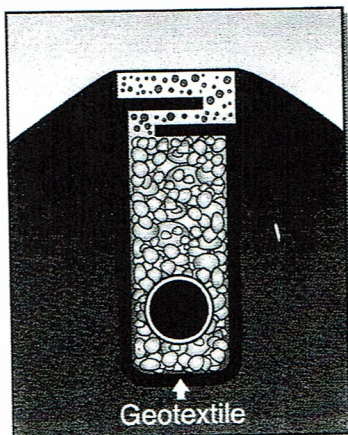


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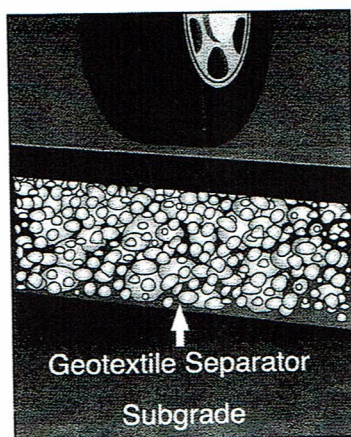
Nonwoven Geotextile

A 6.0 oz/sy nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. This product can be used under riprap, in drainage applications, or can be used for separation under roads, driveways or parking areas. US 160NW will satisfy the requirements as outline in AASHTO M-288 96/00 for Class 2 applications.

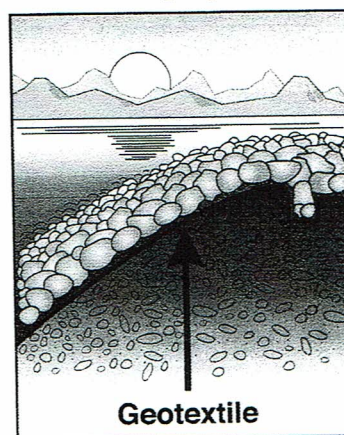
Drainage



With a Geotextile Separator



Riprap



PROPERTY	TEST METHOD	ENGLISH	METRIC
Tensile Strength	ASTM D-4632	160 lbs	712 N
Elongation @ Break	ASTM D-4632	50 %	50 %
Mullen Burst	ASTM D-3786	310 psi	2137 kPa
Puncture Strength	ASTM D-4833	90 lbs	401 N
Trapezoidal Tear	ASTM D-4533	65 lbs	289 N
Apparent Opening Size	ASTM D-4751	80 US Sieve	0.180 mm
Permittivity	ASTM D-4491	1.30 Sec ⁻¹	1.30 Sec ⁻¹
UV Resistance, % Retained	ASTM D-4355	70 %	70 %
Flow Rate	ASTM D-4491	95 gal/min/sf	3871 l/min.m ²