



US 2700

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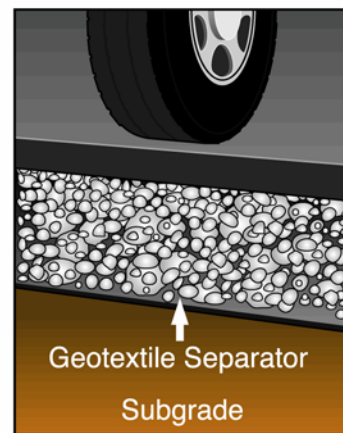
Woven Reinforcement

A woven geotextile made of 100% polypropylene monofilament and fibrillated yarns. This product has high tensile strength and modulus, and is used for reinforcement over soft soils.

Without a Geotextile Separator



With a Geotextile Separator



PROPERTY	TEST METHOD	ENGLISH	METRIC
Tensile Strength	ASTM D-4632	350 lbs	1557 N
Elongation @ Break	ASTM D-4595	15 %	15 %
Wide Width Tensile	ASTM D-4595	3000/lbs foot	44 kN/m
Wide Width Tensile @ 5 %	ASTM D-4595	1356 x 1356 lbs/foot	19.8 kN x 19.8 kN/m
Long Term Allowable Design Strength*	GRI-GT 7	567 x 567 lbs/foot	8.3 kN/m x 8.3 kN/m
Puncture Strength	ASTM D-4833	150 lbs	668 N
Trapezoidal Tear	ASTM D-4533	120 lbs	534 N
Apparent Opening Size	ASTM D-4751	35 US Sieve	0.500 mm
Permeability	ASTM D-4491	0.034 cm/sec	0.034 cm/sec
Permittivity	ASTM D-4491	0.27 Sec ⁻¹	0.27 Sec ⁻¹
Flow Rate	ASTM D-4491	20 gal/min/sf	815 l/min/m ²
UV Resistance, % Retained	ASTM D-4355	80 %	80 %

* Long Term Design Strength values are for sand, silt and clay per GRI-GT 7

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).