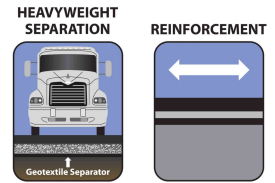




US HT500

High Modulus Woven Geotextile



US HT500 is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. US HT500 resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals. US HT500 meets the following M.A.R.V. values except where noted:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Interaction Coefficient ³	ASTM D-6706	0.9	0.9
Wide Width Tensile Strength @ 2 % Strain	ASTM D-4595	480 x 1,800 lbs/ft	7.01 x 26.27 kN/m
Wide Width Tensile Strength @ 5 % Strain	ASTM D-4595	1,440 x 4,380 lbs/ft	21.02 x 63.92 kN/m
Apparent Opening Size ^(1,2)	ASTM D-4751	40 US Sieve	0.425 mm
Permittivity ⁽¹⁾	ASTM D-4491	1 Sec ⁻¹	1 Sec ⁻¹
Water Flow Rate ⁽¹⁾	ASTM D-4491	30 g/min/f ²	1,222 L/min/m ²
UV Resistance @ 500 Hours	ASTM D-4355	90 %	90 %

⁽¹⁾ At the time of manufacturing. Handling, storage, and shipping may change these properties.

⁽²⁾ Maximum average roll value (MaxARV).

⁽³⁾ Interaction Coefficient value is for Sand (SP) or gravel (GW) based on testing conducted by SGI Testing Services.

US HT500 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 300'	16"	15'	420 lbs	500 y ²	80

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