

PRODUCT SPECIFICATIONS

Nilex 600HTM High Strength Woven Geotextile

Nilex 600HTM 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.

Nilex 600HTM resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

PROPERTY	TEST	UNIT	VALUE (MARV)
Mechanical			
Tensile Modulus @ 2% Strain (XD)	ASTM-D4595	kN/m (lbs/ft)	1313.3 (90,000)
Tensile Modulus @ 2% Strain	ASTM D4595	kN/m (lbs/ft)	7 x 26.3 (480 x 1800)
Tensile Modulus @ 5% Strain	ASTM D4595	kN/m (lbs/ft)	21 x 69.3 (1440 x 4380)
Hydraulic			
Apparent Opening Size (AOS)*	ASTM-D4751	mm (std. sieve)	0.425 (#40)
Permittivity	ASTM-D4491	sec ⁻¹	1.4
Water Flow Rate	ASTM-D4491	lpm/m ² (gpm/ft ²)	4074 (100)
Endurance			
UV Resistance (500 hrs)	ASTM-D4355	%	90
Packaging			
Roll Size	Measured	m (ft)	4.6 x 91.5 (15 x 300)

*Maximum Average Roll Valve

Notes: Mullen Burst ASTM D3786 and Puncture Strength ASTM D4833 are no longer recognized by ASTM Committee D35 as an acceptable geotextile test method. Puncture Strength ASTM 4833 has been replaced with the Static (CBR) Puncture ASTM D6241. For more information, refer to the ASTM website at www.astm.org

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