

WOVEN GEOTEXTILE TUBE

6" flap and no lifting straps or ports
 Sizes: 10' Circumference by 300' Length (5' lay flat)
 14' Circumference by 300' Length (7' lay flat)

The woven geotextile tube 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.

The woven geotextile tube resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	MARV English	MARV Metric
Tensile Strength (Grab)	ASTM D-4632	400 x 315 lbs	1780 x 1402 N
Elongation	ASTM D-4632	15%	15%
CBR Puncture	ASTM D-6241	1150 lbs	5118 N
Trapezoidal Tear	ASTM D-4533	150 x 165 lbs	668 x 734 N
Wide Width Tensile	ASTM D-4595	3000 x 2760 lbs	43.8 x 40.3 kN
UV Resistance (at 500 hrs)	ASTM D-4355	90%	90%
Apparent Opening Size (AOS)*	ASTM D-4751	40 US Std. Sieve	0.425 mm
Percent Open Area(POA)	COE-02215	1%	1%
Permittivity	ASTM D-4491	0.96 sec ⁻¹	0.96 sec ⁻¹
Permeability	ASTM D4491	.07 cm/sec	.07 cm/sec
Water Flow Rate	ASTM D-4491	70 gpm/ft ²	2852 l/min/m ²

*Maximum Average Roll Valve

Notes:

- Mullen Burst ASTM D-3786 has been removed. It is not recognized by ASTM D-35 on Geosynthetics.
- Puncture ASTM D-4833 has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D-6241