

Terrafix THP-2700

THP-2700 is a polypropylene woven fabric. This engineered geotextile is stabilized to resist degradation due to ultraviolet exposure. It is resistant to commonly encountered soil chemicals, mildew, and insects, and is non-biodegradable. Polypropylene is stable within a pH range of 2 to 13, making it one of the most stable polymers available for geotextiles today. THP-2700 is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	295 x 260 lbs	1.31 x 1.16 kN
Grab Elongation	ASTM D4632	13 x 12 %	13 x 12 %
Wide Width Tensile (Ultimate)	ASTM D4595	2,640 x 2,460 lbs/ft	38.5 x 35.9 kN/m
Wide Width Tensile (2% Strain)	ASTM D4595	500 x 600 lbs/ft	7.3 x 8.8 kN/m
Wide Width Tensile (5% Strain)	ASTM D4595	1,272 x 1,440 lbs/ft	18.6 x 21.0 kN/m
Trapezoid Tear	ASTM D4533	110 x 130 lbs	0.49 x 0.58 kN
CBR Puncture	ASTM D6241	1,000 lbs	4.45 kN
Permittivity ¹	ASTM D4491	0.6 sec ⁻¹	0.6 sec ⁻¹
Water Flow Rate ¹	ASTM D4491	40 gpm/ft ²	1,630 Lpm/m ²
AOS ^{1,2}	ASTM D4751	30 US Std. Sieve	0.6 mm
UV Resistance	ASTM D4355	80 % @ 500 hrs	80 % @ 500 hrs

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

2 Value represents maximum average roll value.