

Terrafix THP-3700

THP-3700 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-3700 is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	400 x 300 lbs	1.78 x 1.34 kN
Grab Elongation	ASTM D4632	10 x 6 %	10 x 6 %
Wide Width Tensile (Ultimate)	ASTM D4595	3,600 x 3,240 lbs/ft	52.5 x 47.3 kN/m
Wide Width Tensile (2% Strain)	ASTM D4595	540 x 540 lbs/ft	7.9 x 7.9 kN/m
Wide Width Tensile (5% Strain)	ASTM D4595	1,500 x 1,560 lbs/ft	21.9 x 22.8 kN/m
Trapezoid Tear	ASTM D4533	135 x 125 lbs	0.60 x 0.56 kN
CBR Puncture	ASTM D6241	1,450 lbs	6.45 kN
Permittivity ¹	ASTM D4491	0.9 sec ⁻¹	0.9 sec ⁻¹
Water Flow Rate ¹	ASTM D4491	60 gpm/ft ²	2,444 Lpm/m ²
AOS ^{1, 2}	ASTM D4751	30 US Std. Sieve	0.43 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.