

TE-370HP

HIGH STRENGTH WOVEN GEOTEXTILE



TE-370HP 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. TE-370HP resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

TESTED PROPERTY	TEST METHOD	VALUE METRIC	VALUE ENGLISH (IMPERIAL)
Grab Tensile ⁽¹⁾	ASTM D 4632	2003 X 1558 N	450 x 350 lbs
Grab Elongation	ASTM D 4632	10% x 6%	10% x 6%
CBR Puncture Resistance ⁽¹⁾	ASTM D 6241	6,450 N	1,450 lbs
Wide Width Tensile ⁽¹⁾	ASTM D 4595	52.5 x 48.2 kN/m	3,600 x 3,300 lbs/ft
Wide Width Tensile @ 2% Strain ⁽¹⁾	ASTM D 4595	7.9 x 7.9 kN/m	540 x 540 lbs/ft
Wide Width Tensile @ 5% Strain ⁽¹⁾	ASTM D 4595	21.9 x 22.8 kN/m	1,500 x 1,560 lbs/ft
Trapezoidal Tear ⁽¹⁾	ASTM D 4533	601 x 556 N	135 x 125 lbs
Permittivity* ⁽¹⁾	ASTM D 4491	0.52 sec ⁻¹	0.52 sec ⁻¹
Permeability	ASTM D 4491	0.05 cm/sec	0.02 in/sec
Water Flow* ⁽¹⁾	ASTM D 4491	1,630 lpm/m ²	40 gpm/ft ²
Apparent Opening Size (AOS)* ⁽²⁾	ASTM D 4751	0.60 mm	30 US Std. Sieve
UV Resistance @ 500 hrs	ASTM D 4355	80%	80%
TYPICAL ROLL DIMENSIONS			
Roll Dimensions		4.6 m x 91.4 m	15 ft x 300 ft
Roll Area		418 m ²	500 yd ²

NOTES:

1. MARV = Minimum Average Roll Value.
2. Maximum average roll value as per ASTM D 4751.

Mullen Burst (ASTM D 3786) has been removed. It is not recognized by ASTM D 35 on Geosynthetics.

Puncture Strength (ASTM D 4833) has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture (ASTM D 6241).

***At the time of manufacturing. Handling may change these properties.**

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Titan Environmental Containment

Toll free: 1-866-327-1957 | info@titanenviro.com | TitanEnviro.com