TE-570HP

HIGH STRENGTH WOVEN GEOTEXTILE

TE-570HP 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-570HP resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals.

TESTED PROPERTY	TEST METHOD	UNIT ENGLISH (METRIC)	VALUE ENGLISH (METRIC)
Grab Tensile	ASTM D 4632	2114 x 1958 N	475x 440
Grab Elongation	ASTM D 4632	12% x 12%	12% x 12%
CBR Puncture Resistance	ASTM D 6241	9,786.1 N	2,200 lbs
Wide Width Tensile	ASTM D 4595	70 x 70 kN/m	4,800 x 4,800 lbs/ft
Wide Width Elongation	ASTM D 4595	%	8 x 6
Wide Width Tensile Modulus (2% strain)	ASTM D4595	14 x 19.3 kN/m	1,050 x 1,320 lbs/ft
Wide Width Tensile Strenth (5% strain)	ASTM D 4595	35 x 43.8 kN/m	2,400 x 3000 lbs/ft
Trapezoidal Tear	ASTM D 4533	801 x 801 N	180 x 180 lbs
Permittivity*	ASTM D 4491	0.5/sec	05/sec
Water Flow*	ASTM D 4491	1,222 lpm/m^{2}	30 gpm/ft^{2}
Apparent Opening Size (AOS)	ASTM D 4751	0.60 mm	30 (0.60)
UV Resistance (500)	ASTM D4355	80%	80%
TYPICAL ROLL DIMENSIONS			
Roll Dimensions		4.6 m x 91.5 m	15 ft x 300 ft
Roll Area		418 m2[2]	500 yd[2]

NOTES:
ARV. Minimum Average Roll Value.
Maximum average roll value ASTM D 4751- AOS.
Mullen Burst ASTM D 3768 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.

Titan Environmental Containment

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