



TECHTEX

TT Woven Geotextile

The TT GT series PP woven geotextile is ideal solution in civil engineering and road construction for separation and stabilization purposes. With its unparalleled strength , filtration and durability, no more worrying about maintaining the soil structure and road strength,providing you with a long-lasting and dependable solution ,convenient and cost-effective.The light weight design of the TT GT series woven geotextile makes it a breeze to install on Highways, Residential Streets,Parking Lots and Driveways manufactured at our state-of-the-art facility from high tenacity Polypropylene yarns on specialized looms. The woven geotextile is significantly stronger than conventional reinforcement fabrics, offering maximum resistance against tearing, damage and degradation from common soil chemicals. This makes the TT GT series woven geotextile a reliable solution in areas subject to high traffic or heavy rainfall where traditional geotextiles are prone to damage and fail to serve as the desired solution to your needs.

TECHNICAL SPECIFICATIONS OF NTPEP PP WOVEN GEOTEXTILE

Property	Test Method	TT200GT		TT250GT		TT270GT		TT315GT	
		Roll Value (English)	Roll Value (Metric)	Roll Value (English)	Roll Value (Metric)	Roll Value (English)	Roll Value (Metric)	Roll Value (English)	Roll Value (Metric)
Grab Tensile Strength	ASTM D4632	200lb	890N	250lb	1112N	270lb	1200N	315lb	1401N
Grab Elongation	ASTM D4632	15%	15%	15%	15%	15%	15%	15%	15%
CBR Puncture Strength	ASTM D6241	700lb	3113N	750lb	3336N	850lb	3780N	900lb	4003N
Trapezoidal Tear	ASTM D4533	75lb	333.6N	90lb	400N	100lb	444.8N	120lb	533.7N
Apparent Opening size AOS ¹	ASTM D4751	40 Sieve	0.425mm	40 Sieve	0.425mm	40 Sieve	0.425mm	40 Sieve	0.425mm
Permittivity	ASTM D4491	0.05sec ⁻¹	0.05sec ⁻¹	0.05sec ⁻¹	0.05sec ⁻¹	0.05sec ⁻¹	0.05sec ⁻¹	0.05sec ⁻¹	0.05sec ⁻¹
Flow Rate	ASTM D4491	4gal/min/ft ²	163 l/min/m ²	4gal/min/ft ²	163 l/min/m ²	4gal/min/ft ²	163 l/min/m ²	4gal/min/ft ²	163 l/min/m ²
UV Resistance@500 hours	ASTM D4355	70%	70%	70%	70%	70%	70%	70%	70%
Roll Size		12.5ft X 432ft	3.81m X 131m	12.5ft X 432ft	3.81m X 131m	12.5ft X 360ft	3.81m X 110m	12.5ft X 360ft	3.81m X 110m
		15.0ft X 360ft	4.57m X 110m	15.0ft X 360ft	4.57m X 110m	15.0ft X 300ft	4.57m X 91m	15.0ft X 300ft	4.57m X 91m
		17.5ft X 309ft	5.30m X 94m	17.5ft X 309ft	5.30m X 94m	17.5ft X 257ft	5.30m X 78m	17.5ft X 257ft	5.30m X 78m

All values are Minimum Average Roll Values
(1) Max Average Roll Values

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