

# CONFORMITY OF PRODUCT

## TME GeoTech PET Woven Geotextile



### Purpose of Usage

*Soil Reinforcement, Load Distribution, Subgrade Stabilization, Separation of Soil Layers, Improvement of Bearing Capacity, Long-Term Structural Support*

### Application Locations

*Road and Highway Construction, Railway Infrastructure, Embankments and Slopes, Retaining Wall Systems, Working Platforms on Weak Soils, Industrial and Port Areas, Foundation Engineering, Ground Stabilization Projects*

Property	Unit	TMEPTW100	TME-PTW300	TME-PTW500	TME-PTW600	TME-PTW1200
Ultimate Tensile Strength MD	KN/m	100	300	500	600	1200
Ultimate Tensile Strength CD	KN/m	50	50	50	50	50
Strain at short term strength	%	10	12	12	12	12
Elongation	%	30	30	30	30	30
Apparent Opening Size	mm	0.15	0.15	0.15	0.15	0.15
UV resistance ( Retained 500 Hours)	%	70	70	70	70	70
Width	m	5,2	5,2	5,2	5,2	5,2
Height	m	100	100	100	100	75
Roll weight	Kg	140	320	480	580	810

PET Woven Geotextiles are manufactured from high-tenacity polyester yarns that are woven together to form a strong and dimensionally stable geosynthetic fabric. These geotextiles are specifically designed to provide high tensile strength and excellent load distribution performance in soil reinforcement applications.