

# CONFORMITY OF PRODUCT

## TME GeoTech PET Non-Woven Geotextile



### Purpose of Usage

*Filtration, Separation, Protection, Drainage, Soil.*

*Stabilization*

### Application Locations

*Road and Highway Construction, Railway Construction, Landfill Engineering, Drainage Systems, Coastal Protection Projects, Landscaping and Green Roof Systems, Foundation Engineering, Retaining Structures and Embankments.*

FEATURES	STANDARD	TEST VALUE	TME-PTN150	TME-PTN200	TME-PTN250	TME-PTN300	TME-PTN350	TME-PTN400	TME-PTN450	TME-PTN500	TME-PTN600	TME-PTN700	TME-PTN800	TME-PTN1000
UNIT WEIGHT	TS EN ISI 9864	g/m <sup>2</sup>	150	200	250	300	350	400	450	500	600	700	800	1000
THICKNESS	TS EN ISI 9863-2	mm	1.2	1.5	2.1	2.5	2.7	3	3.2	4.1	4.5	5.2	6.5	7
TENSILE STRENGTH (MD)	TS EN ISO 10319	kN/m	4	6	8	10	12	14	15	16	19	23	27	32
TENSILE STRENGTH (CD)			4.8	6.3	8.7	11.6	14	16	18	19	23	25	29	36
STRAIN AT MAX LOAD (MD)	TS EN ISO 10319	%	70											
STRAIN AT MAX LOAD (CD)			80											
STATIC PUNCTURE RESIS (CBR)	TS EN ISO 12236	N	1200	1400	1500	1700	1800	2000	2200	2500	3500	4000	5900	7500
CONE DROP TEST	TS EN ISO 13433	mm	50	40	35	30	25	22	18	16	14	13	10	8
OPENING SIZE CHARACTER.	TS EN ISO 12956	mm	23	28	33	38	43	48	53	58	63	68	73	78
PERMEABILITE	TS EN ISO 11058	L/m <sup>2</sup> /s	86	84	82	79	74	69	64	59	54	49	44	39
THICKNESS	TS EN ISO 12956	mm	0.15	0.14	0.13	0.11	0.9	0.7	0.6	0.5	0.4	0.3	0.2	0.1
WIDTH		m	1-9	1-9	1-9	1-9	1-9	1-9	1-9	1-9	1-9	1-9	1-9	1-9
LENGTH		m	100	100	100	100	100	50	50	50	50	50	50	50

*PET Non-Woven Geotextiles are manufactured from high-quality polyester (PET) fibers using a needle-punching process to form a strong, permeable, and durable geosynthetic material. These geotextiles are specifically designed to provide efficient filtration, separation, drainage, and protection functions in civil engineering and infrastructure projects.*