

TERRATEX TP SERIES

WOVEN POLYPROPYLENE GEOTEXTILE DATA SHEET

PRODUCT			TP 15	TP 25	TP 30	TP 40	TP 50	TP 60	TP 80	TP 100
MECHANICAL	STANDARD	UNITS								
Tensile Strength MD/CD	EN10319	kN/m	24/16	28/28	33/33	44/40	50/50	66/66	88/88	110/110
Elongation MD/CD	EN10319	%	18/12	17/11	14/11	15/11	16/11	16/11	15/13	16/13
Resistance to Static Puncture	EN ISO 12236	N	2660	3400	4000	5600	6700	8750	11150	13400
Dynamic Perforation Resistance	EN ISO 918	mm	17	12	9	9	6	5	3	3
HYDRAULIC										
Characteristic Opening Size - O_{90}	EN ISO 12956	μm	313	360	270	380	240	225	175	200
Coefficient of Permeability V_{H50}	EN ISO 11058	$(\text{L}/\text{m}^2/\text{sec}) \times 10^{-3}$	6	24	17	34	18	11	10	9
Water flow rate	EN ISO 11058	$\text{L}/\text{m}^2/\text{min}$	360	1440	1020	2040	1080	660	600	540
PHYSICAL										
Mass / Unit Area	EN 965	gms / m ²	90	135	165	210	240	310	400	500
Thickness	EN 964-1	mm	0.52	0.61	1	0.77	1.17	1.01	1.15	1.27
UV Resistance at 500 hours	EN 12224	% retained	80	80	80	80	80	80	80	80
PACKAGING										
Roll Length	NA	m	100	100	100	100	100	100	100	100
Roll Width	NA	m	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
Roll Area	NA	m	520	520	520	520	520	520	520	520
TYPICAL APPLICATION										
			(*)							
General Earthworks, Roads, Retaining Structures, Reservoirs, Dams, Canals, Foundations, Landfills			F/R/S	F/R/S	F/R/S	F/R/S	F/R/S	F/R/S	F/R/S	F/R/S
Erosion Control and Drainage			F/S	F/S	F/R/S	F/R/S	F/R/S	F/R/S	F/R/S	F/R/S
Rail Road Stabilization			F/R/S	F/R/S	F/R/S	F/R/S	F/R/S	F/R/S	F/R/S	F/R/S
Liquid Waste Containment Structures			F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R
SUPPLY			Stock	Stock	Indent	Indent	Stock	Indent	Stock	Indent

Notes

- 1) TerraTex TP woven polypropylene geotextiles are composed of 100% polypropylene filaments
- 2) The properties listed on this data sheet are mean values tested to the EN standards listed.
- 3) TerraTex TP geotextiles are CE marked and are manufactured according to ISO 9001 quality assurance procedures.
- 4) TerraTex TP geotextiles are resistant to naturally occurring soil acids to pH ≥ 2 and naturally occurring soil alkalis.
- 5) TerraTex TP geotextiles tested to the standards noted herein and found to be unaffected by naturally occurring oxidation (ENV ISO 13438), microbiological degradation (ENV 12225), and chemical ageing (ENV ISO 12960-method A)
- 6) To minimize UV degradation TerraTex TP rolls when stored outside to have their protective wrapping kept intact and when installed to be covered within 7 days (maximum) of deployment.
- 7) MD/CD : MD indicates machine direction, CD indicates cross direction.

(*) F = filtration : R = reinforcement : S = separation.

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