

Technical Data propex® Geotextiles

Test Method	Standard	Unit	propex® Styles																									
			6054		6055		6056		6057		6060		6061		6081		6082		6083		6084		6085		6086		6088	
			Warp	Weft	Warp	Weft	Warp	Weft	Warp	Weft	Warp	Weft	Warp	Weft	Warp	Weft	Warp	Weft	Warp	Weft	Warp	Weft	Warp	Weft	Warp	Weft	Warp	Weft
Mass per Unit Area M_A	EN 965	g/m ²	97	0.6	83	0.45	93	0.5	119	0.55	136	0.65	141	0.7	213	0.8	211	0.8	264	1.3	336	1.2	314	1.1	415	1.5	498	1.6
Thickness (2KN/m ²) d	EN 964/1	mm																										
Tensile Strength T_{max}	EN ISO 10 319	kN/m	22	17	18	16	20	25	25	25	32	30	32	32	45	50	45	58	58	70	70	70	70	60	85	85	105	105
Tensile Force at 5 % Strain T_5		kN/m						5	5	5	10	8	10	10	12	12	15	15	30	30	45	45	45	40	55	55	65	65
Strain at max. Load ϵ		%	28	28	28	28	28	28	28	28	25	25	20	12	23	12	25	25	23	12	10	10	10	10	10	10	10	10
Static Puncture Test (CBR)	EN ISO 12 236	kN	2,2		2,0		2,5		3,0		3,5		2,9		3,6		5,2		5,5		8,0		7,8		10,5		12,0	
Push-Through Force CBR [X-s]																												
Dynamic Puncture Test	EN 918	mm	16		17		16		13		10		11		11		7,5		8,4		9		9		7		7	
Hole Diameter																												
Water Permeability	EN ISO 11 058	mm/s	25		15		12		15		12		11		30		15		30		10		11		18		14	
normal to plane V_{H50}																												
Characteristic Opening Size	EN ISO 12 956	µm	220		220		180		160		180		190		240		170		200		170		230		210		190	
O_{90} (wet sieving)																												
UV-Resistance strength retained after 50 MJ/m ²	EN 12 224	%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	100%	100%	100%	100%	100%	100%	100%	100%
Packing		Unit	6054		6055		6056		6057		6060		6061		6081		6082		6083		6084		6085		6086		6088	
Fabric width		cm	450	525	525	525	525	525	450	525	350	525	525	525	525	525	525	525	525	525	520	520	400	520	520	520	520	520
Roll length		m	200	200	200	200	200	200	200	200	200	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100
Roll diameter		cm	34	34	34	34	34	34	35	35	36	32	32	32	32	32	32	32	37	37	35	35	35	35	35	35	35	35
Total weight		kg	100	115	115	115	115	115	120	135	103	120	120	120	180	180	180	180	150	150	185	185	135	170	220	220	272	272
Area		m ²	900	1050	1050	1050	1050	1050	900	1050	700	785	785	785	785	785	785	785	525	525	520	520	400	520	520	520	520	520

* All our data's are average values

* Specific weight of Polypropylene : 0.90 g/cm³, Melting Point: approx. 165 °C

* All ProPex® geotextiles are subjected to external product control (Fremdüberwachung)

* Testing Institute: Institute für textile Bau- und Umwelttechnik GmbH (tBU) D-48268 Greven (Germany)

* ProPex Fabrics GmbH production is certified according ISO 9001 and CE production control

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