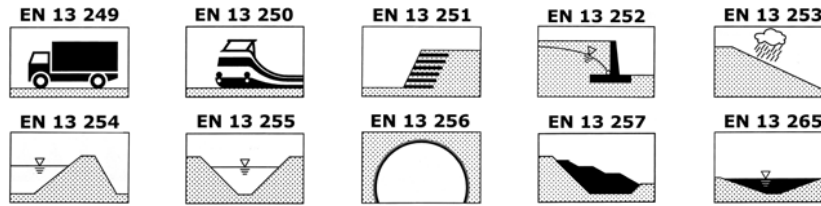


geoNETEX A PP TT UVLS

nonwoven geotextiles



Characteristic	Test Method	Unit	geoNETEX A PP TT UVLS													
			90	100	110	120	150	160	170	180	200	235A	250	280	290	300
Material	DSC analysis		polypropylene (PP)													
PHYSICAL PROPERTIES																
Mass per unit area	EN ISO 9864	g/m ²	90	100	110	120	150	160	170	180	200	235	250	280	290	300
Thickness 2 kPa	EN ISO 9863-1	mm	0,60	0,55	0,52	0,58	0,65	0,75	0,80	0,70	0,90	1,10	1,10	1,00	1,20	1,25
MECHANICAL PROPERTIES																
Tensile strength - MD	EN ISO 10319	kN/m	6,2	5,9	8	8,5	11	11,5	12	12,5	17	16	19	20	22	24
Tensile strength - CMD			7,3	5,9	8,5	10	11	12,5	12	12,5	18	16	20	20	22	24
Elongation - MD	EN ISO 10319	%	40	45	50	50	50	60	45	50	60	50	60	55	60	65
Elongation - CMD			55	50	60	60	65	70	60	65	70	65	70	70	70	75
Static puncture test (CBR test)	EN ISO 12236	N	1100	900	1270	1350	1540	1800	2000	2200	2500	2500	3000	3200	3400	3700
Dynamic perforation test	EN ISO 13433	mm	30	40	35	32	28	24	22	22	20	20	17	16	16	15
Protection efficiency 300 kPa 600 kPa 1200 kPa	EN 13719	%	-	-	-	-	-	-	-	-	-	-	-	-	-	2,17 3,98 6,89
HYDRAULIC PROPERTIES																
Water permeability normal to the plane	EN ISO 11058	m/s	0,100	0,070	0,079	0,077	0,070	0,053	0,060	0,050	0,042	0,025	0,036	0,025	0,034	0,034
Characteristic opening size O90	EN ISO 12956	mm	0,090	0,090	0,100	0,080	0,065	0,085	0,090	0,063	0,060	0,063	0,050	0,063	0,050	0,050
Water flow capacity in the plane 20 kPa	EN ISO 12958	m ² /s	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DURABILITY																
Resistance to weathering	EN 12224		to be covered within 14 days													
Resistance to oxidation	EN ISO 13438		we expect the geotextile to be resistant for at least 25 years in natural soils with pH 4-9 and temperature < 25 °C													
FUNCTIONS			F, F+S	F, F+S	F, F+S	F, F+S	F, F+S	F, F+S	F, F+S	F, F+S	F, F+S	F, F+S	F, F+S	F, F+S	F, F+S	F, F+S, P
ROLL CHARACTERISTICS																
Length / roll	m	100	150	150	150	100	150	100	100	100	100	100	100	100	100	100
Width / roll	m	6,50 (other widths available)														
Area / roll	m ²	650	975	975	975	650	975	650	650	650	650	650	650	650	650	650
Diameter / roll	cm	25	34	34	37	30	38	32	33	34	36	37	39	39	40	40
Weight / roll (btto)	kg	66	105	115	124	105	163	118	124	137	160	170	189	196	202	202

Above mentioned data are average values and of informative character only. The manufacturer reserves the right to alter the specifications without prior notice. It is the responsibility of all users to satisfy themselves that the above specifications are current.

Other geosynthetic products:

Nonwoven geotextiles geoNETEX A PP; geoNETEX A PP T; geoNETEX A PP HTS; geoNETEX S07; geoNETEX M; geoNETEX M/B; geoNETEX A PET

Woven geotextiles Geojutex

Geomembranes Junifol PEHD; Junifol PELLD

Bentonite mats

Drainage products PetexDren; Jutadrain C; Jutadrain M

Geogrids Jutagrid