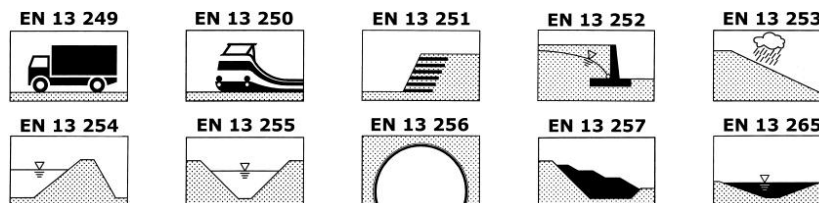


geoNETEX A PP UVLS

nonwoven geotextiles



Characteristic	Test Method	Unit	geoNETEX A PP UVLS																			
			100	130	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200	1500			
Material	DSC analysis		polypropylene (PP)																			
PHYSICAL PROPERTIES																						
Mass per unit area	EN ISO 9864	g/m²	100	130	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200	1500			
Thickness 2 kPa	EN ISO 9863-1	mm	1,80	1,90	2,10	2,60	3,00	3,50	3,60	4,00	4,20	4,40	4,60	5,20	6,00	6,00	7,00	8,00	10,00			
MECHANICAL PROPERTIES																						
Tensile strength - MD	EN ISO 10319	kN/m	6	8	9	14	16	22	23	27	32	36	43	52	58	64	70	81	100			
Tensile strength - CMD			8	11,5	12,5	16	23	22	23	28	35	38	47	55	64	68	70	87	100			
Elongation - MD	EN ISO 10319	%	70	70	70	80	80	70	70	75	75	70	60	60	60	60	60	60	100			
Elongation - CMD			85	85	85	90	90	80	80	75	75	70	60	60	60	65	60	60	100			
Static puncture test (CBR test)	EN ISO 12236	N	1200	1400	1600	2200	2700	3500	3800	4900	5500	6600	8000	9500	11000	11000	12000	15500	18000			
Dynamic perforation test	EN ISO 13433	mm	37	27	26	19	17	7,5	7,5	6	5	5	5	5	5	5	5	5	0			
Protection efficiency 300 kPa 600 kPa 1200 kPa	EN 13719	%	-	-	-	-	-	-	-	2,21 3,61 6,48	2,21 3,61 6,48	1,94 3,55 5,40	1,80 3,35 4,87	1,27 2,78 4,62	1,10 2,54 4,49	1,10 2,54 4,49	0,80 2,21 3,48	0,67 1,70 3,31	0,67 1,70 3,31			
HYDRAULIC PROPERTIES																						
Water permeability normal to the plane	EN ISO 11058	l/m².s	100	100	90	78	65	34	34	34	34	20	19	16	14	11	10	9	35			
Characteristic opening size O ₉₀	EN ISO 12956	mm	0,130	0,130	0,130	0,080	0,080	0,065	0,065	0,067	0,067	0,066	0,056	0,057	0,052	0,050	0,051	0,046	0,056			
Water flow capacity in the plane 20 kPa	EN ISO 12958	l/m.s	-	-	-	-	-	-	-	1,48 E-02	7,47 E-03	7,37 E-03	1,02 E-02	1,38 E-02	1,75 E-02	1,40 E-02	1,40 E-02	1,40 E-02	1,40 E-02			
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, D, P	F, F+S, D, P	F, F+S, D, P	F, F+S, D, P	F, F+S, D, P	F, F+S, D, P	F, F+S, D, P	F, F+S, D, P	F, F+S, D, P			
ROLL CHARACTERISTICS																						
Length / roll	m		200	150	130	100	130	110	100	90	85	70	60	100	90	85	65	65	50			
Width / roll (other widths available)	m		6,00				6,50															
Area / roll	m²		1200	900	845	650	845	715	650	585	552,5	455	390	650	585	552,5	422,5	422,5	325			
Diameter / roll	cm		50	50	50	50	60	60	60	60	60	60	60	80	80	80	80	80	80			
Weight / roll (btto)	kg		120	117	127	130	212	215	228	234	249	228	234	455	468	498	423	507	488			

Above mentioned data are nominal 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 T; geoNETEX A PP TT; geoNETEX A PP HTS; geoNETEX S07; geoNETEX M; geoNETEX M/B; geoNETEX M07

Woven geotextiles GEOJUTEX

Geomembranes JUNIFOL PEHD; JUNIFOL PELLD

Drainage products PETEXDREN; JUTADRAIN M

Bentonite mats