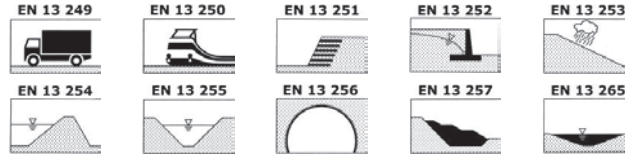


## geoNETEX S07 nonwoven geotextiles



Characteristic	Test Method	Unit	geoNETEX S07											
			150	200	300	350	400	450	500	600	700	800	1000	1200
Material	DSC analysis		polypropylene (PP)											
<b>PHYSICAL PROPERTIES</b>														
Mass per unit area	EN ISO 9864	g/m <sup>2</sup>	150	200	300	350	400	450	500	600	700	800	1000	1200
Thickness 2 kPa 20 kPa	EN ISO 9863-1	mm	2,00	2,20	2,50	3,20	4,20	4,30	4,40	5,50	6,00	6,30	7,10	7,50
			-	-	-	-	3,00	3,30	3,50	4,30	4,80	5,00	6,20	6,80
<b>MECHANICAL PROPERTIES</b>														
Tensile strength - MD	EN ISO 10319	kN/m	7	7,5	12	17	19	23	23	28	30	35	40	45
Tensile strength - CMD			10	10	14	25	30	30	33	45	50	60	75	99
Elongation - MD	EN ISO 10319	%	80	90	90	90	90	80	80	90	90	90	105	100
Elongation - CMD			90	100	95	95	95	90	85	90	90	90	90	70
Static puncture test (CBR test)	EN ISO 12236	N	1200	1200	2200	3000	3300	3800	4000	5500	6000	7000	9000	11000
Dynamic perforation test	EN ISO 13433	mm	29	28	22	16	10	10	7	2,8	2,8	2,8	2,8	2,8
Protection efficiency 300 kPa 600 kPa 1200 kPa	EN 13719	%	-	-	-	-	-	-	2,37	2,03	1,95	1,11	1,11	0,41
			-	-	-	-	-	3,54	3,39	3,49	2,68	2,68	1,83	
			-	-	-	-	-	5,75	5,30	5,35	4,16	4,16	3,29	
<b>HYDRAULIC PROPERTIES</b>														
Water permeability normal to the plane	EN ISO 11058	l/m <sup>2</sup> .s	95	75	70	65	60	60	50	40	40	40	35	30
Characteristic opening size O <sub>90</sub>	EN ISO 12956	mm	0,092	0,092	0,085	0,081	0,080	0,080	0,080	-	-	-	-	-
Water flow capacity in the plane 20 kPa	EN ISO 12958	l/m.s	-	-	-	-	-	4,5 E-03	-	-	-	1,56 E-02	1,56 E-02	1,56 E-02
<b>DURABILITY</b>														
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											
<b>FUNCTIONS</b>			F, F+S	F, F+S	F, F+S	F, F+S	F, F+S	F, F+S, D	F, F+S, P	P	P	D, P	D, P	D, P
<b>ROLL CHARACTERISTICS</b>														
Length / roll	m	130	100	110	90	100	85	70	60	100	90	80	65	
Width / roll	m	6,50 (other widths available)												
Area / roll	m <sup>2</sup>	845	650	715	585	650	552,5	455	390	650	585	520	422,5	
Diameter / roll	cm	50	45	58	54	60	60	59	59	80	80	80	80	
Weight / roll (btto)	kg	134	137	222	212	267	249	235	241	462	475	527	514	

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 T; geoNETEX A PP TT; geoNETEX A PP HTS; geoNETEX M; geoNETEX M/B; geoNETEX M07

**Woven geotextiles** GEOJUTEX  
**Geomembranes** JUNIFOL PEHD; JUNIFOL PELLD  
**Drainage products** PETEXDREN; JUTADRAIN M

**Bentonite mats**

manufactured by

