

Separation and Filtration Non-wovens

TenCate Polyfelt TS geotextiles are mechanically bonded continuous filament nonwovens from 100% UV stabilized polypropylene. They are characterized by a high resistance to installation damage, high water permeability and increased UV resistance.

Properties (Standard)		Unit	TS 10 (4.01)	TS 20 (4.01)	TS 30 (4.01)	TS 40	TS 50	TS 60	TS 65	TS 70	TS 80
Mechanical Properties											
Tensile Strength [EN ISO 10319]	MD	kN/m	7.5	9.5	11.5	13.5	15.0	20.0	21.5	24.0	28.0
	CD	kN/m	7.5	9.5	11.5	13.5	15.0	20.0	21.5	24.0	28.0
Elongation at max. load [EN ISO 10319]	MD	%	90	90	90	100	100	100	100	100	100
	CD	%	75	75	75	40	40	40	40	40	40
Static puncture resistance (CBR-Test) [EN ISO 12236]		N	1200	1500	1750	2100	2350	2900	3300	3850	4250
Cone drop test (hole-Ø) [EN ISO 13433]		mm	28	24	20	25	22	19	17	15	14
Hydraulic Properties											
Permeability vertical [EN ISO 11058] (dh-50mm)	l/m ² s	(mm/2)	130	115	100	100	90	80	70	60	55
Opening size [EN ISO 12956]		micron	105	105	100	100	100	95	95	90	90
Identification Properties											
Thickness [EN ISO 9863-1]	2 kPa	mm	0.8	0.9	1.1	1.7	1.9	2.2	2.5	2.9	3.2
Mass per unit area [EN ISO 9864]		g/m ²	105	125	155	180	200	260	285	325	385
Forms of Supply											
Width		m	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4
Length		m	300	250	225	200	175	135	125	100	90

The values given are average values obtained in our laboratories and in testing institutes. The right is reserved to make changes without notice at any time.

Flexible Lining Products is a trading style of Greentech Ltd.

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