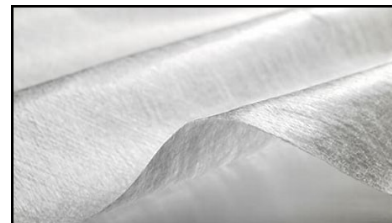


# Polyfelt TS

Polyfelt TS geotextiles are mechanically bonded nonwovens made of 100% polypropylene continuous filaments. 9 ASQUAL certified products.



Properties	Test method	Unit	TS09 L	TS09 F-2	TS10	TS10 F-3	TS30	TS30 F-4	TS50 F-5	TS60 F-6	TS70 F-7
<b>ASQUAL certified geotextile</b>											
Certified values according to function**											
Filtration			✓	✓	✓	✓	✓	✓	✓	✓	✓
Separation			✓	✓	✓	✓	✓	✓	✓	✓	✓
Drainage / Filtration						✓	✓	✓	✓	✓	✓
Protection									✓	✓	
Tensile strength (MD*)	EN ISO 10319	kN/m	5	6	8	8	12	12	16	20	25
Tensile strength (CMD*)	EN ISO 10319	kN/m	5	6	8	8	12	12	16	20	25
Elongation at max. load (MD*)	EN ISO 10319	%	90	85	90	80	90	80	80	80	83
Elongation at max. load (CMD*)	EN ISO 10319	%	70	70	70	70	70	70	70	70	70
Dynamic perforation	EN ISO 13433	mm	40	34	32	31	25	25	21	17	15
Puncture resistance	NF G 38-019	N	200	400	400	400	700	700	900	1100	1200
CBR puncture resistance	EN ISO 12236	kN	0.70	1.05	1.20	1.20	1.75	1.75	2.35	3.00	3.85
Permeability normal to the plane ( $\Delta h = 50$ mm)	EN ISO 11058	mm/s	180	100	110	100	90	100	85	70	55
Characteristic opening size (O90)	EN ISO 12956	$\mu\text{m}$	260	125	135	105	110	100	100	95	90
Water flow capacity in the plane (20 kPa)	EN ISO 12958	l/ms	-	-	-	5.3E-4	1.0E-3	1.0E-3	1.5E-3	2.0E-3	2.7E-3
Water flow capacity in the plane (100 kPa)	EN ISO 12958	l/ms	-	-	-	2.8E-4	2.0E-4	4.0E-4	5.0E-4	5.5E-4	6.8E-4
Mass per unit area	EN ISO 9864	g/m <sup>2</sup>	70	90	105	100	155	150	200	250	300
Thickness at 2 kPa load	EN ISO 9863-1	mm	0.65	1.10	0.80	1.20	1.05	1.60	2.00	2.40	2.90
<b>Form of Supply****</b>											
Long range (per roll)											
Width x Length		m	2x250	-	2x300	3x175	-	3x230	3x180	3x140	3x120
		m	4x250	6x250	4x300	6x300		6x230	6x180	6x140	6x120
Medium range (on pallet)											
Width x Length		m	2x130	-	2x130	-	4x130	3x130	-	-	-
		m	4x130		4x130						

**Notes**

- \* MD = Machine Direction, CMD = Cross Machine Direction
- \*\* See certified tolerances in the ASQUAL certificate
- \*\*\* See Solmax general terms of sales

Attention! The values given are indicative and correspond to average results obtained in our laboratories and testing institutes. The right is reserved to make changes without notice at any time. Please check that you have at your disposal the latest edition of the technical data sheet.

**Certification and Accreditation**



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