

# Geotextiles for filtration and separation

## Secutex® C



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**Product description:** Needle punched and calendered geotextiles

Property	Test method*	Unit	R 151 C	R 201 C	R 251 C	R 301 C
Raw material	-	-	polypropylene (PP), white			
Mass per unit area	EN ISO 9864	g/m <sup>2</sup>	150	200	250	300
Thickness	EN ISO 9863-1	mm	1.0	1.2	1.4	1.6
Max. tensile strength, md / cmd**	EN ISO 10319	kN/m	9.0 / 10.0	12.0 / 14.0	16.0 / 19.0	19.0 / 24.0
Elongation at max. tensile strength, md / cmd**	EN ISO 10319	%	40 / 30	40 / 30	40 / 30	40 / 30
Puncture force	EN ISO 12236	N	1,750	2,300	3,000	4,000
Characteristic opening size	EN ISO 12956	mm	0.08	0.08	0.07	0.07
Water permeability - VI <sub>H50</sub> -Index - Flow rate <sub>H50</sub>	EN ISO 11058	m/s l/sm <sup>2</sup>	8.0 x 10 <sup>-2</sup> 80	7.0 x 10 <sup>-2</sup> 70	5.0 x 10 <sup>-2</sup> 50	4.0 x 10 <sup>-2</sup> 40
Detector tested	-	-	yes	yes	yes	yes
Roll dimensions, width x length	-	m x m	5.90 x 250	5.90 x 220	5.90 x 200	5.90 x 170

\*based on, \*\*md = machine direction, cmd = cross machine direction

The listed technical values are guiding values, achieved in our laboratories and/or independent testing institutes. Our products are subject to changes without prior notice.