



Secutex® (PP White)



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Multifunctional geotextiles for separation, filtration and protection

**Non-Woven
Geotextile**

Technical Information

Product description: Needle punched staple fibre nonwoven geotextiles

Characteristic Value	Test Method (based on)	Unit	R 401	R 501	R 601	R 801
Raw materials			Polypropylene (PP), white			
Mass per unit area	DIN EN 965	g/m ²	400	500	600	800
Thickness	DIN EN964-1	mm	3.3	4.2	5	6
Tensile strength (longitudinal)	DIN EN ISO 10319	kN/m	16.0	20.0	25.0	30.0
Tensile strength (transverse)	DIN EN ISO 10319	kN/m	24.0	30.0	38.0	45.0
Elongation at max. strength (longitudinal)	DIN EN ISO 10319	%	60	60	60	60
Elongation at max. strength (transverse)	DIN EN ISO 10319	%	40	40	40	40
Puncture force (mean-standard deviation)	DIN EN ISO 12236	N	3900	5000	6000	8000
Elongation at static puncture strength	DIN EN ISO 12236	%	35	35	35	35
Characteristic opening size	DIN EN ISO 12956	mm	0.08	.08	0.08	0.08
Water permeability - V _I _{H50} Index	DIN EN ISO 11058	m/s	5.0 x 10 ⁻²	4.0 x 10 ⁻²	3.0 x 10 ⁻²	2.2 x 10 ⁻²
Water permeability - flow rate _{H50}	DIN EN ISO 11058	l/sm ²	50	40	30	22
Detector tested	-	-	yes	yes	yes	yes
Standard roll dimension	-	-	5.90 x 100	5.90 x 50	5.90 x 50	5.90 x 50

Please contact our office for information regarding geotextiles that are not covered in this chart.

The above technical values are average values over the roll width. These data are guiding values achieved in laboratories and independent testing institutes. Our products can be subject to change without prior notice.

