

# Polytex Geotextiles

## PRODUCT OVERVIEW



The **Polytex** range consists of modern, woven polypropylene slit film geotextiles, designed to be used in filtration, separation and reinforcement. Polytex multi-purpose geotextiles have extremely high strength to mass ratios at low elongations, thus offering a cost effective geosynthetic solution to a variety of subsurface problems.

### SPECIFICATIONS

Effective as at: 01.10.2022

Physical Properties:	Units	PT 115	PT 515	PT 615	Test Method	
Composition	UV Stabilised woven Polypropylene (PP) Tapes					
Thickness	Under 2 kPa	mm	0.6	1.1	1.2	EN ISO 9863:2016/ SANS 9863:2013
Tensile Strength	Warp	kN/m	26	52	52	EN ISO 10319:2015/ SANS 1525:2013
	Weft	kN/m	18	34	52	
Elongation	Warp	%	17	21	26	EN ISO 10319:2015/ SANS 1525:2013
	Weft	%	11	12	12	
Penetration Load (CBR)	Load @ Rupture	kN	2.8	5.4	7.0	EN ISO 12236:2006/ SANS 12236:2013
	Elongation	%	32	33	36	
Through flow	50 mm head	l/s/m <sup>2</sup>	29	37	40	EN ISO 11058:2010/ SANS 110518:2013
Pore Size	O <sub>90%</sub>	micron	210	215	275	EN ISO 12956:2010/ SANS 12956:2013
Roll Widths	Nominal	m	<i>*1.3, *1.8, *2.5, 3.1 &amp; 5.0</i>			*Applicable to PT115 only
Roll Lengths	Nominal	m	200			Standard

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+27 31 736 7100 | [salesza@fibertex.com](mailto:salesza@fibertex.com) | [fibertex.com](http://fibertex.com)