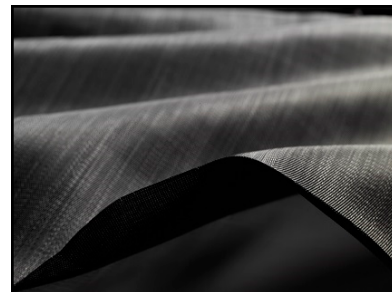


# Geolon PE & FW

Geolon PE & FW woven geotextiles are engineered materials suitable for short and long term filter applications. They are composed of high quality polypropylene and polyethylene fibres, assembled to form a structured and stable woven geotextile.



Properties	Test method	Unit	FW180	PE 525	PE 1000
<b>Hydraulic Properties</b>					
Water permeability normal to the plane	EN ISO 11058	mm/s	50	300	350
Characteristic opening size O90	EN ISO 12956	µm	180	350	600
<b>Mechanical Properties</b>					
Tensile strength (MD*)	EN ISO 10319	kN/m	40	44	41
Tensile strength (CMD*)	EN ISO 10319	kN/m	40	35	35
Elongation at nominal strength (MD*)	EN ISO 10319	%	25	34	31
Elongation at nominal strength (CMD*)	EN ISO 10319	%	25	25	20
Static puncture resistance (CBR)	EN ISO 12236	kN	6	4	3.50
Dynamic perforation (cone drop)	EN ISO 13433	mm	10	12	12
<b>Form of Supply</b>					
Width		m	5,20	5.05	5.05
Length		m	100	100	100
Roll weight		kg	140	105	110

## Notes

\* MD = Machine Direction / CMD = Cross Machine Direction

The values are average values obtained in our laboratories and in accredited institutes. The information given in this datasheet is to the best of our knowledge true and correct. However, new research results and practical experience can make revisions necessary. The right is reserved to make any change without notice at any time. No guarantee or liability can be drawn from the information mentioned herein.

## Certification and Accreditation



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Rev 82023