

SPECIFICATION SHEET

FASTRACK HF RANGE

High Flow Woven Geotextiles

Technical Data Sheet

Mechanical Properties	Test	Units	HF 180	HF 180 PTV	HF 180 ZW	HF 360-L	HF 400	HF 1300
Tensile Strength - MD	EN ISO 10319	kN/m	41.0	41.0	40.0	41.0	28.8	18.0
Tensile Strength - XD	EN ISO 10319	kN/m	46.0	41.0	40.0	41.0	21.0	18.0
Elongation at break - MD	EN ISO 10319	%	35.0	30.0	35.0	35.0	35.0	40.0
Elongation at break - XD	EN ISO 10319	%	26.0	26.0	15.0	23.0	20.0	30.0
CBR Puncture Resistance	EN ISO 12236	N	5 800	5 800	5 000	4 500	3 200	2 500
Dynamic Cone Drop	EN ISO 13433	mm	10.0	11.5	13.0	10.75	16.0	16.0

Hydraulic Properties	Test	Units	HF 180	HF 180 PTV	HF 180 ZW	HF 360-L	HF 400	HF 1300
Characteristic Opening Size	EN ISO 12956	µm	180	180.0	249	360	400	1300
Hydraulic Velocity	EN ISO 11058	m/s	70 x 10 ⁻³	70 x 10 ⁻³	65 x 10 ⁻³	122 x 10 ⁻³	185 x 10 ⁻³	600 x 10 ⁻³
Waterflow in the Plane	EN ISO 12958	m ² /s	1 x 10 ⁻⁷	1 x 10 ⁻⁷	1 x 10 ⁻⁷	1 x 10 ⁻⁷	1 x 10 ⁻⁷	1 x 10 ⁻⁷
Permeability	EN ISO 11058	l/m ² .s	70.0	70	65.0	122.0	185.0	600.0

Physical Properties	Test	Units	HF 180	HF 180 PTV	HF 180 ZW	HF 360-L	HF 400	HF 1300
Thickness under 2 kPa	EN ISO 9863-1	mm	0.75	0.70	0.70	0.70	0.60	0.50
Weight	EN ISO 9864	g/m ²	215.0	215.0	212.0	207.0	129.3	91.2
Roll width		cm	525	525	525	525	525	525
Roll length		m	100	100	100	100	100	100
Full load volume (+/- 10%)		m ²	54 600	54 600	54 600	66 150	71 400	105 000
Roll diameter (+/- 10%)		cm	34	34	34	32	30	24

L - Above HF 360 products with in woven loops

Notes relating to the use of Fibrellok geotextile products

- Fibrellok reserves the right to alter product specifications without prior notice.
- It is the responsibility of all users to satisfy themselves that the above data is current.
- The above figures are average values obtained from testing to current EN geotextile test standards.
Although not guaranteed, these results do to the best of our knowledge, offer a true and accurate record of the products performance.
- Polypropylene and polyethylene are the constituent polymer used in the production of the HF geotextile range.
- Fibrellok cannot accept responsibility for the performance of these products as the conditions of use are beyond our control.
- Installation details are available on request

Other grades of geotextile within the Fibrellok range include:

- Standard Grade & Highstrength Woven fabrics and Thermally Bonded and Needle punched Nonwovens.

Version C, 07/02/2012

