



FASTRACK HS RANGE

High-Strength Woven Geotextiles

Technical Data Sheet

			STANDARD	STANDARD	STANDARD	STANDARD		
<i>Mechanical Properties</i>	Test	Units	100/50	150/50	200/50	400/50	300/50*	600/50*
Tensile Strength - warp	EN ISO 10319	kN/m	110	160	210	430	320	600
Tensile Strength - weft	EN ISO 10319	kN/m	58	58	58	58	58	50
Strength at 6 % elongation	EN ISO 10319	kN/m	> 50	> 75	> 100	> 200	> 150	na
Strength at 10 % elongation	EN ISO 10319	kN/m	> 100	> 150	> 200	> 400	> 300	na
Elongation at break - warp	EN ISO 10319	%	10.5	10.5	10	10.5	11	12
CBR Puncture Resistance	EN ISO 12236	N	6 000	7 000	7 400	8 700	7 800	na
Dynamic Cone Drop	EN 918	mm	38	38	33	20	30	na
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<i>Hydraulic Properties</i>	Test	Units	100/50	150/50	200/50	400/50	300/50*	600/50*
Characteristic Opening Size	EN ISO 12956	µm	650	300	220	150	200	na
Hydraulic Velocity	EN ISO 11058	m/s	45 x 10 ⁻³	27 x 10 ⁻³	15 x 10 ⁻³	10 x 10 ⁻³	12 x 10 ⁻³	na
Permeability	EN ISO 11058	l/m ² .s	45	27	15	10	12	5
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<i>Physical Properties</i>	Test	Units	100/50	150/50	200/50	400/50	300/50*	600/50*
Thickness under 2 kPa	EN 964/1	mm	0.5	0.7	1	1.8	1.3	na
Weight	EN 965	g/m ²	285	380	481	885	675	1200
Roll width		cm	505	505	505	505	505	na
Roll length		m	100**	100**	100**	100**	100**	100**
Full load volume (+/- 10%)		m ²	68 680	54 540	49 490	26 765	34 340	na
Roll diameter (+/- 10%)		cm	30	30	35	45	40	na

*Only produced to order

** roll length +/- 20 % due to nature of production process.

Notes relating to the use of Wrekin geotextile products

1. Wrekin reserves the right to alter product specifications without prior notice.
2. It is the responsibility of all users to satisfy themselves that the above data is current.
3. 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.
4. Polyester is the constituent polymer used in the production of the HS geotextile range.
5. Wrekin cannot accept responsibility for the performance of these products as the conditions of use are beyond our control.
6. Installation details are available on request



Other grades of geotextile within the Wrekin range include:

- Standard Grade & Highflow Woven fabrics and Thermally Bonded and Needleponched Nonwovens

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