

MULTITRACK VNW RANGE

Coloured Needle Punched Nonwoven Geotextiles

Technical Data Sheet

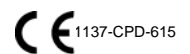
Mechanical Properties	Test	Units	200	300	400	450	500	600	700	800	1000	1200	1800
Tensile Strength - MD	EN ISO 10319	kN/m	7	10.5	14	15.5	17.5	21	24.5	28	33	39	57.6
Tensile Strength - XD	EN ISO 10319	kN/m	10	16.5	22	25	27.5	33	38.5	44	63	75	108
Elongation at break - MD	EN ISO 10319	%	130	130	130	150	150	150	140	140	140	140	110
Elongation at break - XD	EN ISO 10319	%	115	115	115	115	115	115	110	110	100	100	100
CBR Puncture Resistance	EN ISO 12236	N	1 200	1 800	2 400	2 700	3 000	3 600	4 200	5 300	7 000	8 400	10 500
Dynamic Cone Drop	EN 918	mm	25	12	8	7	6.5	5	3.5	0	0	0	0
Protection Efficiency	WI 189066	N	130	240	360	405	450	570	665	800	1000	1200	1800

Hydraulic Properties	Test	Units	200	300	400	450	500	600	700	800	1000	1200	1800
Characteristic Opening Size	EN ISO 12956	µm	95	80	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70
Permeability	EN ISO 11058	m/s	95x10 ⁻³	80x10 ⁻³	70x10 ⁻³	65x10 ⁻³	60x10 ⁻³	50x10 ⁻³	40x10 ⁻³	35x10 ⁻³	30x10 ⁻³	25x10 ⁻³	15x10 ⁻³
Waterflow normal to the plane	EN ISO 11058	l/m ² .s	95	80	70	65	60	50	40	35	30	25	15
Waterflow in the plane	EN ISO 12958	m ² /s	7x10 ⁻⁶	8x10 ⁻⁶	8,5x10 ⁻⁶	8,5x10 ⁻⁶	8,5x10 ⁻⁶	8,5x10 ⁻⁶	8,5x10 ⁻⁶	8,5x10 ⁻⁶	8,5x10 ⁻⁶	8,5x10 ⁻⁶	8,5x10 ⁻⁶

Physical Properties	Test	Units	200	300	400	450	500	600	700	800	1000	1200	1800
Thickness under 2 kPa	EN 964/1	mm	2.3	3	3.6	4	4.5	5.4	5.7	6.7	7.9	8.6	11.5
Weight	EN 965	g/m ²	200	300	400	450	500	600	700	800	1000	1200	1800
Roll width		cm	525	525	525	525	525	525	525	525	525	525	525
Roll length		m	100	100	50 / 100	50 / 100	50 / 100	50 / 100	50	50	50	50	30
Full load volume (+/- 10%)		m ²	26 000	18 000	14 000	12 000	11 000	10 000	6 500	6 500	6 000	4 500	3 000
Roll diameter (+/- 10%)		cm	57	62	50 / 65	54 / 70	59 / 75	58 / 78	61	62	68	72	62

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. Polypropylene is the constituent polymer used in the production of the VNW 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 & Highstrength Woven fabrics and Thermally Bonded Nonwovens

Version 01 dd. 01/12/04

• FASTRACK • MULTITRACK • MULTIGRID • E'GRID • NEOWEB
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