

Comparison of Lotrak® and Terram

TEST	STANDARD		Terram 700	Lotrak® 80	Terram 1000	Lotrak® 100	Terram 1300	Lotrak® 140	Terram 1500	Lotrak® 160	Terram 2000	Lotrak® 200	Terram 3000	Terram 4000	Lotrak® 300
Tensile Strength (kN/m)	EN 10319	Warp	6	6	8	8	10	12	12.5	14	14.5	18	18	22	25
		Weft	6	6	8	8	10	12	12.5	14	14.5	18	18	22	25
Elongation at max. load (%)	EN 10319	Warp	60	36	60	45	60	45	60	50	60	50	60	60	65
		Weft	60	42	60	45	60	45	60	50	60	50	60	60	65
CBR Puncture Resistance (N)	EN ISO 12236		1050	1050	1500	1500	2000	2000	2250	2300	2750	2900	3250	4300	4300
Cone Drop Penetration (mm)	EN 13433		42	48	38	36	34	26	32	23	26	18	24	22	13
Pore size 90% finer than (microns)	EN ISO 12956		95	128	75	100	65	90	65	80	65	70	60	60	70
Water Permeability $V_{I_{H50}}$	EN ISO 11058		0.100	0.144	0.090	0.130	0.065	1.110	0.065	0.090	0.055	0.080	0.050	0.030	0.065
Water Flow Rate (l/m ² /sec)	EN ISO 11058		100	144	90	130	65	110	65	90	55	80	50	30	65
Effect of UV Light				UV inhibitor		UV inhibitor		UV inhibitor		UV inhibitor		UV inhibitor			UV inhibitor
Roll Sizes (m)			4.5x150	4.5x100	4.5x100	4.5x100 2.25x50 2.25x25	4.5x100	4.5x100	4.5x100	4.5x100	4.5x10	4.5x100	4.5x100	4.5x50	4.5x100 2x100 2x50
Handy Pack size (m)						4.5x10									

Lotrak® products are needlepunch nonwovens
Terram products are thermal bonded nonwovens



In Don & Low, all products are manufactured under BS EN ISO 9001.

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