

GEOTEXTILE NON-WOVEN GRADES-WHITE SPECIFICATION SHEET

TEST	STANDARD		MP80	MP100 (LDP720)	MP140 (LDP726)	MP200 (LDP722)	MP300
Tensile Strength (kN / m)	EN 10319	MD	6	8	12	18	25
		CD	6	8	12	18	25
Elongation at maximum load (%)	EN 10319	MD	36	45	45	50	65
		CD	42	45	45	50	65
CBR Puncture Resistance (N)	EN ISO 12236		1050	1500	2000	2900	4300
Cone Drop Penetration (mm)	EN 13433		48	36	26	18	13
Poly Size 90% finer than (microns)	EN ISO 12956		128	100	90	70	70
Water Permeability (m/sec)(x10-3)	EN ISO 11058		144	130	110	80	65
Effect of UV Light	The polypropylene used contains a UV inhibitor						
Weight (g / m2)			80	100	140	200	300
Roll Size (m)		Weight	4.5	4.5	4.5	5.25	4.5
		Length	100	100	100	100	50/100

There are no two geotextiles on the market that share the exact same properties. When comparing geotextiles there are three key areas to look at, they are;

- **Tensile Strength**
- **CBR Puncture Resistance**
- **Water Permeability.**

**THE HIGHER THE TEST DATA,
THE MORE SUPERIOR THE
PRODUCT.**

PLEASE NOTE: Some woven membranes are Thermally Bonded which can give a slightly higher tensile strength. However, our needle punched non-woven membrane has far superior Water Filtration properties over Thermally Bonded. Ideally suited to riding arena applications where good drainage is essential.

All products are manufactured under BS EN ISO 9001.

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COMPARISON OF MP-NWM AND TERRAM

			TERRAM 700	MP80	TERRAM 1000	MP100 (LDP720)	TERRAM 1500	MP140 (LDP726)	TERRAM 200	MP200 (LDP722)	TERRAM 3000	TERRAM 4000	MP300
Tensile Strength (kN / m)	EN 10319	Warp	6	6	8	8	12.5	12	14.5	18	18	22	25
		Weft	6	6	8	8	12.5	12	14.5	18	18	22	25
Elongation at maximum load (%)	EN 10319	Warp	60	36	60	45	60	45	60	50	60	60	65
		Weft	60	42	60	45	60	45	60	50	60	60	65
CBR Puncture Resistance (N)	EN ISO 12236		1050	1050	1500	1500	2250	2000	2750	2900	3250	4300	4300
Cone Drop Penetration (mm)	EN 13433		42	48	38	36	32	26	26	18	24	22	13
Poly Size 90% finer than (microns)	EN ISO 12956		95	128	75	100	65	90	65	70	60	60	70
Water Permeability (m/sec)(x10-3)	EN ISO 11058		100	144	90	130	65	110	55	80	50	30	65
Roll Dimensions (m)		Weight	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.25	4.5	4.5	4.5
		Length	150	100	100	100	100	100	100	100	100	50	100



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