

Terrex NW

Data Sheet



TERREX NW is a range of high performance thermally bonded needle-punched non-woven UV-stabilised polypropylene geotextiles. Their main range of application is in separation and drainage of granular stone layers in highway, landfill and revetment construction. TERREX NW is also widely used in filtration applications and may be used in the construction of reinforced soil walls and slopes. Appropriate grades of TERREX NW may be used to provide a protection layer to geomembrane liners and other materials.

Geotextile Properties

Product Grade		NW6	NW8	NW9	NW10	NW12	NW13	NW15	NW16	NW18	NW20	NW21	NW25	NW26	NW32	NW40
Thickness at 2kPa <i>EN ISO 9863-1</i>	(mm)	0.85	1.0	1.1	1.2	1.4	1.5	1.2	1.25	1.3	1.4	1.5	1.6	1.8	1.9	2.5
Mass per unit area <i>EN ISO 9864</i>	(g/m ²)	80	100	110	120	145	160	180	200	215	235	260	300	325	385	500
Tensile strength MD/CMD <i>EN ISO 10319</i>	(kN/m)	6 / 6	8 / 8	9 / 9	10 / 10	12 / 12	13 / 13	15 / 15	16 / 16	18 / 18	20 / 20	21 / 21	25 / 25	26 / 26	32 / 32	40 / 40
Elongation MD/CMD <i>EN ISO 10319</i>	(%)	40 / 40	40 / 45	40 / 45	40 / 45	40 / 45	45 / 50	45 / 50	45 / 50	45 / 50	50 / 50	50 / 50	50 / 50	50 / 50	50 / 50	55 / 55
CBR puncture resistance <i>EN ISO 12236</i>	(N)	1 000	1 400	1 500	1 600	2 000	2 200	2 500	2 700	3 000	3 400	3 500	4 000	4 350	5 400	6 500
Dynamic perforation cone drop <i>EN ISO 13433</i>	(mm)	40	34	30	28	24	21	20	19	17	16	15	12	11	10	6
Pore size O ₉₀ <i>EN ISO 12956</i>	(µm)	140	130	115	110	105	105	90	85	75	70	65	65	65	65	65
Water flow normal to the plane <i>EN ISO 11058</i>	(l/m ² -s)	120	110	108	106	105	100	90	85	70	65	60	55	45	40	30
Resistance to weathering		To be covered within 14 days for filtration, drainage and separation applications														

Product Dimensions

Width	(m)	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25
Length	(m)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

Notes

1. Cut widths may also be available, please enquire. Rolls supplied cut to width are subject to wider tolerance.
2. In line with our policy of continuous improvement, we reserve the right to make changes without notice at any time. It is the responsibility of all users to satisfy themselves that the above data is current.
3. The above figures have been obtained from statistical interpretation of test results and are subject to tolerances.
4. Final determination of the suitability of any information is the sole responsibility of the user.

