

Terrex SNW

Data Sheet



TERREX SNW is a range of high performance needle-punched non-woven staple fibre UV-stabilised polypropylene geotextiles. The range of application spans protection, drainage and separation and includes erosion control and revetment construction. TERREX SNW may also be used in the construction of reinforced soil walls and slopes. Appropriate grades of TERREX SNW may be used to provide a protection layer to geomembrane barriers.

Geotextile Properties

Product Grade		SNW14	SNW17	SNW25	SNW31	SNW40UV	SNW46	SNW50	SNW55	SNW62	SNW70	SNW80	SNW90	SNW100	SNW120	SNW140
Thickness at 2kPa <i>EN ISO 9863-1</i>	(mm)	1.2	1.5	1.8	2.2	2.4	2.8	3.0	3.2	3.5	3.8	4.4	4.7	5.0	6.0	7.0
Mass per unit area <i>EN ISO 9864</i>	(g/m ²)	120	150	200	250	300	370	400	450	500	565	650	750	800	1000	1200
Tensile strength MD/CMD <i>EN ISO 10319</i>	(kN/m)	8 / 8	10 / 10	14 / 14	18 / 18	22 / 22	27 / 27	30 / 30	33 / 33	37 / 37	42 / 42	45 / 45	54 / 54	58 / 58	70 / 70	84 / 84
Elongation MD/CMD <i>EN ISO 10319</i>	(%)	40 / 55	45 / 55	45 / 55	50 / 55	50 / 55	50 / 55	50 / 55	55 / 60	60 / 65	60 / 65	65 / 70	65 / 70	70 / 70	70 / 70	70 / 70
CBR puncture resistance <i>EN ISO 12236</i>	(N)	1 400	1 700	2 500	3 100	4 000	4 600	5 000	5 500	6 200	7 000	8 000	9 000	10 000	11 500	14 000
Dynamic perforation cone drop <i>EN ISO 13433</i>	(mm)	28	22	18	13	12	10	9	7	5	4	2	1	1	0	0
Pore size O ₉₀ <i>EN ISO 12956</i>	(µm)	120	110	100	95	90	85	80	75	72	70	65	60	58	55	49
Water flow normal to the plane <i>EN ISO 11058</i>	(l/m ² .s)	110	100	80	70	60	55	50	45	40	35	30	28	28	20	15
Resistance to weathering		To be covered within 14 days for filtration, drainage and separation applications. SNW40UV has enhanced UV stabilisation permitting exposure in excess of 30 days.														

Product Dimensions

Width	(m)	5.25	5.25	5.00	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	50	50	50	50	50	50	50	35	35

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.

