

TERRATEX N SERIES

NON-WOVEN POLYESTER GEOTEXTILE DATA SHEET

PRODUCT			135N	140N	160N	180N	1120N	1160N
MECHANICAL	STANDARD	UNIT						
Wide width tensile strength Mean peak strength	AS 3706.2	kN/m	9.5	12.4	14.2	20.5	28.0	40.0
Grab tensile strength Mean peak strength	AS 2001.2.3	N	530	770	880	1250	1980	3000
CBR puncture resistance Peak strength	AS 3706.4	N	1600	2000	2300	3185	4550	7050
Trapezoidal tear resistance Mean peak strength	AS 3706.3	N	230	290	340	440	645	810
G Rating (strength)	TNZ F7/2003	G	>1150 mod robust	>1450 robust	>1850 very robust	>2600 very robust	>3500 extremely robust	>5250 extremely robust
Strength Class	TNZ F7/2003	--		A	B	C	D	E
HYDRAULIC								
Pore size dry sieve EOS-O ₉₅	AS 3706.7 : 1990	µm	135	120	110	95	85	80
Permeability Flow rate Q ₁₀₀	AS 3706.9 : 2001	L/m ² /s	210	170	140	110	100	80
Permittivity	AS 3706.9 : 2001	sec ⁻¹	2.1	1.7	1.4	1.1	1.0	0.8
Filtration class	TNZ F7/2003	--	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4
PACKAGING								
Roll width x length	NA	m	4 x 200	4 x 200	4 x 150	4 x 100	4 x 90	4 x 60

Notes

- 1) TerraTex N non-woven polyester geotextiles are composed of 100% polyester filaments
- 2) The properties listed on this data sheet are family MD mean values tested to the standards listed,
- 3) TerraTex N geotextiles are resistant to naturally occurring soil acids to pH ≥ 2 and naturally occurring soil alkalis of pH ≤ 11.
- 4) TerraTex N geotextiles unaffected by bacteria and fungi.
- 5) Notwithstanding TerraTex N polyester geotextiles being manufactured from 100% polyester and having a natural UV resistance it is recommended the rolls when stored outside have their protective wrapping kept intact and when installed to be covered as soon as possible after deployment.
- 6) TerraTex N is manufactured according to ISO 9001 quality assurance procedures.

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TYPICAL APPLICATIONS

- General Earthworks
- Reservoirs and Dams
- Filtration and Drainage
- Waste Containment
- Coastal and Marine
- Separation of Soils

