

TEXSHIELD[®] NW Polyester

Product Description

TexShield[®] NW Polyester is a nonwoven continuous filament geotextile made from highly durable virgin polyester fibres. The product is highly needed to produce an engineering textile that is suitable for a wide range of geotechnical applications involving filtration, drainage, protection and separation. The product has been manufactured to meet the TNZ F7 specification requirements.

Features & Benefits

- Highly durable virgin grade polyester.
- 6m Wide roll width allows efficient installation.
- Product range is produced in ISO accredited quality factories to the highest manufacturing standards for both local and international markets.
- The product is wrapped in a highly UV stable outer wrap such that the product may be left outside.

General Areas of Application

- Landscaping
- Roof Garden
- Landfill
- Root Barrier System
- Drainage Application
- Erosion Control
- Road Construction

Test	Test Method	Unit	Value					
			NW 150P	NW 200P	NW 270P	NW 350P	NW 400P	NW 500P
MECHANICAL PROPERTIES								
Trapezoidal Strength	AS3706.3	N	310	400	480	620	740	900
CBR Burst Strength	AS3706.4	kN	1.8	2.5	3.5	4.8	5.5	6.3
Drop Cone H ₅₀	AS3706.5	mm	1700	1950	2280	3000	3400	4100
G-Rating	Austroroads	-	1750	2210	2825	3795	4325	5080
Grab Tensile Strength	AS2001.3	N	780	1070	1330	1870	2130	2400
HYDRAULIC PROPERTIES								
Pore Size	AS3706.7	microns	110	110	100	80	80	75
Nominal Flow Rate	AS3706.9	l/m ² /s	210	180	150	130	120	110
Permittivity	AS3706.9	s ⁻¹	2.1	1.8	1.5	1.3	1.2	1.1
TNZ F7 (2003)								
Strength Class			A	B	C	D	D	E
Filtration Class			1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4
PHYSICAL PROPERTIES								
Standard Roll Size	-	m	6 x 250	6 x 175	6 x 150	6 x 100	6 x 85	6 x 75

The above values, unless otherwise specified, are the minimum acceptable average test results for any roll based on the specified test methods and do not refer to an individual test specimen. The data provided is for informational purposes only and is not intended as a warranty or guarantee. Values are subject to change without notice.