

Miers Range of Non-Woven Geotextiles

Miers stock a wide range of non-woven geotextiles ideal for many applications that require separation, filtration and strengthening for the Civil Engineering and Construction industries.

Mechanical Properties	Test Method	Units	Miers 700	Miers 1000	Miers 1300	Miers 1500	Miers 2000	Miers 300
Tensile Strength - CMD	EN ISO 10319	kN/m	6	8.5	13	15	18	22
Tensile Strength - MD	EN ISO 10319	kN/m	6	8.5	13	15	18	22
Elongation - CMD	EN ISO 10319	%	45	55	55	55	55	55
Elongation - MD	EN ISO 10319	%	50	45	45	50	50	50
CBR Puncture Resistance	EN ISO 12236	N	890	1500	2200	2500	3000	4000
Dynamic Cone Drop	EN ISO 13433	mm	40	32	21.5	20	16.5	12
Hydraulic Properties								
Characteristic Opening Size (O ₉₀)	EN ISO 12956	µm	140	120	100	90	85	90
Permeability Normal To The Plane	EN ISO 11058	l/m ² /s	120	110	100	90	70	60
Physical Properties								
Weight	EN ISO 9864	g/m ²	80	105	160	180	215	300
Thickness (2kPa)	EN 9863-1	mm	1.0	1.1	1.45	1.25	1.4	2.4
Meets British Standards	BS8661:2019	Grade 1,2,3		Grade 1		Grade 2	Grade 3	
Roll Width		m	4.5	4.5	5.25	5.25	5.25	2.62 or 5.25
Roll Length		m	100	100	100	100	100	100
Manufacturing Process								
Colour			Non-Woven					
Maximum allowed time between installation and covering of the geosynthetic	EN ISO 9864	Weeks	White					
			2					

Please Note: All results are subject to tolerances, details of which can be provided



Miers Construction Products your First Choice for all Geotechnical Products

- Geotextiles
- Pond Liners
- Silt Fencing
- Threshold Channel Drainage
- Geogrids
- Clay Liners
- Grass Protection
- Gabions
- Erosion Control
- Paviour System
- Offering Design Services and Full On-Site Support
- Geocomposites
- Cellular Confinement System
- Japanese Knotweed Systems