



FIBRELOK ARENA 3000F

Superior needle punched non-woven geotextile

ARENA 3000F Manufactured by needle punching a web of high tenacity polypropylene fibres, to produce a consistent & uniform product of the highest performance.

ARENA products offer a combination of high permeability and particle retention providing engineers with a versatile fabric ideally suited for protection, separation and filtration functions.

Applications for Fibrelok ARENA 3000F:

- Protection fleece for impermeable liners
- Pipeline protection fleece
- Landfill sites
- River bank erosion control
- Equestrian Arenas & Gallops.



Mechanical Properties	Test Method	Units	ARENA3000F
Tensile Strength -MD	EN ISO 10319	KN/m	22
Tensile Strength -XD	EN ISO 10319	KN/m	22
Elongation at break - MD	EN ISO 10319	%	50.0
Elongation at break - XD	EN ISO 10319	%	55.0
CBR Puncture Resistance	EN ISO 12236	N	4000
Dynamic Cone Drop	EN ISO 13443	mm	12.0
Hydraulic Properties	Test Method	Units	ARENA3000F
Opening Size (O ₉₀)	EN ISO 12956	mm	70
Permeability vertical (VI _{H50})	EN ISO 11058	l/m ² s	75
Physical Properties	Test Method	Units	ARENA3000F
Thickness under 2kPa	EN ISO 9863-1	mm	2.40
Weight	EN ISO 9864	g/m ²	300
Roll Size		m	5.25 x 100m – 1.75 x 100m
Joining Methods For Arena Construction – Hot Melt Glue – Hot air weld			Product: Fibrelok Geoflex Glue Sticks

1. Fibrelok Geosynthetics reserves the right to alter product specifications without prior notice.
2. It is the responsibility of all users to satisfy themselves that the above data is current.
3. The above figures are average values obtained from testing to current EN geotextile test standards.
4. Although not guaranteed, these results do to the best of our knowledge; offer a true and accurate record of the products performance.
5. Fibrelok Geosynthetics cannot accept responsibility for the performance of these products as the conditions of use are beyond our control.
6. Installation details are available on request.