Corden EPS Protection Fleece
300g/m2 Protection Geotextile

Description
Corden EPS non-woven geotextile is manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics. For further information on our product range please contact Corden EPS.

Mechanical Test Data				
Property	Method	Units	Mean Product Value (Tolerance)	
Static Puncture Strength (CBR)	BS EN ISO 12236	kN	3.0	(-10%)
Mass Per Unit Area	EN ISO 9864	g/m2	300	(-20%)
Thickness @ 2kPa	BS EN ISO 9863:1	mm	2.6	(nominal)
Push Through Displacement	BS EN ISO 12236	mm	65	(n/a)
Tensile - Strength (md)	BS EN ISO 10319	kN/m	20	(-10%)
Tensile - Strength (cmd)	BS EN ISO 10319	kN/m	20	(-10%)
Tensile - Elongation (md)	BS EN ISO 10319	%	80	(± 20%)
Tensile - Elongation (cmd)	BS EN ISO 10319	%	80	(± 20%)
Dynamic Perforation Test	BS EN ISO 13433	mm	6	(+2)
Apparent Pore size 90% finer (O_{90})	EN ISO 12956	µm	80	(± 20)
Water flow	BS EN ISO 11058	l/s/m2	60	(- 15)
Physical Property Data				
Fibre Type	High tenacity virgin polypropylene staple fibre with UV inhibitor.			
Needle Detection	The product is electronically and manually inspected during manufacture.			
Roll Dimensions		m	2.00m x 100m	
Approximate Roll Weight	For handling guidance only	kg	60	

Durability Data		
Resistance to weathering (UV)	EN 12224	>90%
Resistance to oxidization (100 years)	EN 12226	>90%
Microbiological resistance	EN 12225	No Loss
Resistance to liquids	EN 14030	No Loss

Durability
Corden EPS non-woven geotextile range is manufactured from high quality polypropylene staple fibres which have a high resistance to acids, alkalis and most solvents. Polypropylene can be considered as inert to acid and alkali attack and is suitable for most geo-synthetic applications.

Handling and Storage
- Roll weights can be between 300kg and 1475kg. Appropriate equipment is required for unloading and handling.
- Rolls of geotextile should be stored on stable/level ground and stacked no more than 5 rolls high.
- Rolls can be stored outside when packaged but should be protected from UV exposure

Additional information
For additional information or assistance, please contact Corden EPS directly.

Corden EPS
www.cordeneps.co.uk
sales@corden-bssp.co.uk
44 (0)800 917 6565