

ENVIROSIEVE

DEWATERING TUBE - ULTRA FLOW TEXTILE

TECHNICAL DATASHEET	G 023 001
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The high flow textile fabric used in the manufacture of the EnviroSieve Dewatering Tube is composed of high-tenacity polypropylene filaments which are woven into a stable network such that the yarns retain their relative positions. EnviroSieve Dewatering Tube Fabric is inert to biological degradation and resistant to naturally encountered chemicals, alkalies and acids. EnviroSieve Dewatering Tube textile fabric has been constructed to maintain excellent tensile strengths and filtration properties required for the application of the tube.

PROPERTY	TEST METHOD	NOMINAL VALUE MD/ CD	UNIT
MECHANICAL			
Tensile Strength	ISO 10319	105/105	kN/m
Elongation	ISO 10319	18/10	%
Tensile Strength at 5% Strain	ISO 10319	23/58	kN/m
Resistance to static Puncture	ISO 12236	12	kN
Dynamic Perforation resistance	ISO 13433	3	mm
HYDRAULIC			
Characteristic Opening Size (095)	ISO 12956	300	micron
Permeability H50	ISO 11058	25	mm/s
PHYSICAL			
Mass	ISO 9864	500	gsm
Thickness (2 kPa)	ISO 9863-1	2	mm

- MD and CD refer to values obtained in the machine direction (roll length) and cross machine direction (cross roll).

The listed technical values are guiding values, achieved in our laboratories and/or independent testing institutes. Our products are subject to changes without prior notice.

DISCLAIMER

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