F SERIES & FILTEX

TECHNICAL DATASHEET

Product Composition Main function		en geotextile / Geocomp lyester / Polypropylene Filtration	osite			
Property	Test Method	F-200	F-300	F-500	F-909	FILTEX
Physical						
Product	N/A	Needlepunched nonwoven short staple fibers geotextile				Nonwoven / net ''
Composition	N/A	Polyester Polypropylene			Polypropylene	
Weight	ASTM D5261	185 g/m ²	285 g/m ²	490 g/m ²	215 g/m ²	185 g/m ²
Thickness	ASTM D5199	1.3 mm	1.8 mm	2.9 mm	2.0 mm	2.6 mm
Mechanical						
Tensile Strength	ASTM D4632	400 N	600 N	1 100 N	625 N	90 N
Elongation at Break (2)	ASTM D4632	50-100 %	50-100 %	50-100 %	50-100 %	-
Trapezoid tear	ASTM D4533	190 N	260 N	425 N	325 N	-
CBR puncture	ASTM D6241	1350 N	2000 N	3700 N	2000 N	400 N
Hydraulic				i i i		
Permeability	ASTM D4491	0.12 cm/s	0.07 cm/s	0.05 cm/s	0.42 cm/s	· ·
Permittivity	ASTM D4491	0.61 s ⁻¹	0.25 s ⁻¹	0.15 s ⁻¹	1.42 s ⁻¹	-
Filtration opening size (FOS) (3)	CAN 148.1 No.4	70 µm	60 µm	60 µm	70-115µm	450-900 μm
Dimensions						
Width	N/A	3.81 m ⁽⁴⁾				3.5 m
Length	N/A	100 m				50 m

Our quality management system is certified by ISO-9001 standard. Our internal laboratory is certified by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

Values are based on minimum average roll values (MARV) except when specified.

The values entered are values obtained at the time of manufacture. Handling and storage conditions may change some properties.

Please note that this technical data sheet is updated to take into account the transfer of test methods to ASTM (American Society for Testing and Materials) standards instead of CGSB (Canadian General Standards Board) standards. With the exception of the FOS test method (CAN 148.1 No.10), ASTM test methods are now used, as the CGSB no longer provides updates for these standards.

1- Net treated with an antibacterial agent / 2- Interval / 3- Interval or maximum average roll value / 4- The 3.5m width will no longer be available for any new production in 2020. Check the standard widths available.

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Texel reserves the right to modify existing properties contingent on the evolution of technical knowledge. Each user is invited to verify if this document represents the most recent update. Texel offers no guarantee and assumes no responsibility regarding usage, installation and/or convenience of usage. Texel must be informed of all product defects or product nonconformity prior to installation. Responsibility is limited to replacement of non-compliant or defective product.

