

# TECHNICAL DATA SHEET

## TEXEL GEOPURE



<b>Product</b>	Needlepunched nonwoven short staple fibers
<b>Composition</b>	Polypropylene
<b>Main Function</b>	Separation

Texel Geopure was specifically developed for leaching and polishing fields to separate the sand and the natural soil from the washed gravel surrounding the filtration system. Built with decomposition proof material, Texel Geopure has mechanical resistance and permeability that are more efficient than the conventional blotting paper solutions.

Property	Test Method	Metric	Imperial
<b>Physical</b>			
Weight	ASTM D5261	75 g/m <sup>2</sup>	2.2 oz/yd <sup>2</sup>
Thickness	ASTM D5199	0.60 mm	24 mils
<b>Mechanical</b>			
Grab tensile	ASTM D4632	180 N	40 lb
Grab Elongation	ASTM D4632	50 – 105 %	
Trapezoid tear	ASTM D4533	65 N	14.6 lb
Puncture resistance (CBR)	ASTM D6241	450 N	101 lb
<b>Hydraulic</b>			
Permittivity	ASTM D4491	2.0 s <sup>-1</sup>	
Water Flow	ASTM D4491	7 525 l/min/m <sup>2</sup>	185 gal/min/ft <sup>2</sup>
F.O.S. (maximum)	CAN 148.1 No.10	180 µm	
<b>Dimensions</b>			
Standard Width	-	1.52 m	5 ft
Standard length	-	50 m	165 ft

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).

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.

All values are MARV except when specified otherwise.

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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 nonconformity prior to installation. Responsibility is limited to replacement of non-compliant or defective product.

