

TEXEL 100C

TECHNICAL DATASHEET

Product	Needlepunched nonwoven short staple fibers geotextile
Composition	Polypropylene ¹
Main function	Separation

TEXEL 100C belongs to the C Series, which counts a vast array of polyvalent geotextiles with mechanical and hydraulic properties especially adapted for separation and filtration applications. These geotextiles remain inert in their contact with chemical and biological agents naturally found in soils and possess a good resistance to UV rays. The TEXEL C Series is comprised of performant, durable and adapted products for different civil engineering projects.

Property	Test Method	Metric	Imperial
Mechanical			
Tensile strength	ASTM D4632	1110 N	250 lbs
Elongation at break	ASTM D4632	50-105	
Trapezoid tear	ASTM D4533	444 N	100 lbs
CBR puncture	ASTM D6241	3110 N	700 lbs
UV resistance	ASTM D4355	70 %/500h	
Hydraulic			
Flow rate	ASTM D4491	3251 lpm/m ²	80 gpm/ft ²
Permittivity	ASTM D4491	1.2 s-1	
AOS ²	ASTM D4751	150 µm	100 us sieves
Dimensions			
Width	N/A	3.81 - 4.57 - 5.25 m	12.5 - 15 - 17.2 ft
Length	N/A	91.44 m	300 ft

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

All values are MARV except when specified.

1-May contain polyester / 2- Maximum average roll value

Revision: 02-07-2017