

Polystrain TFI-3100 HT

GEOSYNTHETIC SOLUTIONS **

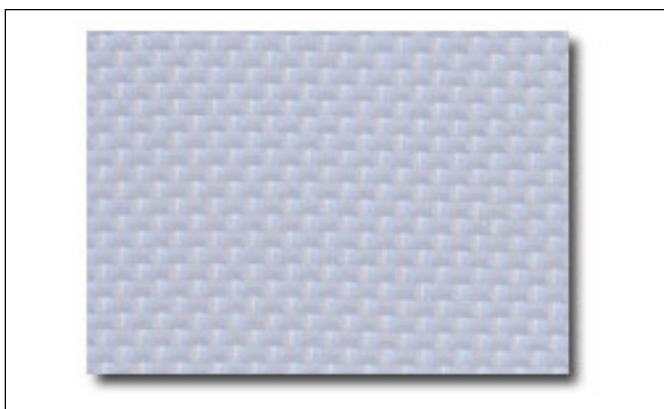


Fibertex
SOUTH AFRICA

Polystrain TFI-3100 HT is a bi-directional high tenacity, woven multi-filament polyester geotextile, used for separation and reinforcement. The mechanical properties guarantee high tensile strength with excellent creep resistance to provide superior long-term design strength.

SPECIFICATIONS

Physical Properties:	Units		TFI-3100 HT	Test Method
Composition	Woven filament, high tenacity, polyester yarns			
Tensile Strength (Ultimate)	MD	kN/m	≥100	EN-ISO-10319
	CD	kN/m	≥100	EN-ISO-10319
Elongation (Ultimate)	MD	%	10 ±2	EN-ISO-10319
	CD	%	10 ±2	
Tensile Strength @ 2% Strain	MD	kN/m	≥18	EN-ISO-10319
	CD	kN/m	≥18	
Tensile Strength @ 5% Strain	MD	kN/m	≥45	EN-ISO-10319
	CD	kN/m	≥45	
Residual 100 year Creep Strength @ Break	MD & CD	kN/m	≥71	EN-ISO-13431
Static Puncture Resistance	(CBR)	kN	≥8	EN-ISO-12236
Dynamic Perforation	(Cone Drop)	mm	≤10	EN-ISO-13443
Water Flow Normal To The Plane	(Through-flow)	l/m ² /s	≥1	EN-ISO 11058
Roll Width x Length	5.15m x 200m			



The information contained in this publication is provided in good faith and to the best of our knowledge is true and accurate. Fibertex South Africa reserves the right to make technical modifications to their products without notice.

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