

## Technical Datasheet

Lotrak<sup>®</sup> 100 is a mechanically bonded nonwoven geotextile, with market established technical and hydraulic properties to address everyday, industry requirements of separation and filtration. Lotrak<sup>®</sup> 100 is an effective separator beneath selected granular materials and for lining french or narrow trench drains. The main purpose of this geotextile is to prevent the loss of construction aggregates into the underlying soil.

TEST	STANDARD		Lotrak <sup>®</sup> 100
Tensile Strength (kN/m)	EN 10319	<b>Warp</b>	8
		<b>Weft</b>	8
Elongation at max. load (%)	EN 10319	<b>Warp</b>	45
		<b>Weft</b>	45
CBR Puncture Resistance (N)	EN ISO 12236		1500
Cone Drop Penetration (mm)	EN 13433		36
Pore size 90% finer than (microns)	EN ISO 12956		100
Water Permeability $V_{I_{H50}}$	EN ISO 11058		0.130
Water Flow Rate (l/m <sup>2</sup> /sec)	EN ISO 11058		130
Effect of UV Light	The polypropylene (PP) used contains a UV inhibitor		
Roll Sizes (m)			4.5 x 100 2.25 x 50 2.25 x 25
Handy Pack size (m)			4.5 x 10

### All products are manufactured under BS EN ISO 9001.

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