

## Technical Datasheet

Lotrak<sup>®</sup> 140 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> 140 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.

Lotrak<sup>®</sup> 140 nonwoven geotextile meets the required recommendations as stated in the latest **“British Standard BS 8661 – Geotextiles: Guidance for specification for basic separation and filtration functions”**, providing reliable & lasting performance for these essential functions in line with geotextile specification guidelines.

TEST	STANDARD		Lotrak <sup>®</sup> 140
Tensile Strength (kN/m)	EN ISO 10319	<b>MD</b>	12
		<b>CD</b>	12
Elongation at max. load (%)	EN ISO 10319	<b>MD</b>	41
		<b>CD</b>	55
CBR Puncture Resistance (N)	EN ISO 12236		2000
Cone Drop Penetration (mm)	EN ISO 13433		26
Pore size 90% finer than (microns)	EN ISO 12956		90
Water Permeability $V_{I_{H50}}$	EN ISO 11058		0.110
Water Flow Rate (l/m <sup>2</sup> /sec)	EN ISO 11058		110
Effect of UV Light	The polypropylene (PP) used contains a UV inhibitor		
Roll Size (m)			4.5 x 100

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

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