

## Technical Datasheet

Lotrak<sup>®</sup> 300 is a mechanically bonded nonwoven geotextile that demonstrates a high tensile and CBR to offer an element of protection, in addition to the standard requirements of separation and filtration. In applications such as attenuation SUDS systems or small pond/lagoon applications, Lotrak<sup>®</sup> 300 offers effective protection of the impermeable liner. Lotrak<sup>®</sup> 300 is approved by Network Rail (Certificate of Acceptance PA05/06066) as a separator in track formation between ballast and sand or stone blanket and conforms to NR/SP/TRK/010 'Geotextiles'. (PADS Number: 057/101451).

TEST	STANDARD		Lotrak <sup>®</sup> 300
Tensile Strength (kN/m)	EN ISO 10319	<b>MD</b>	25
		<b>CD</b>	25
Elongation at max. load (%)	EN ISO 10319	<b>MD</b>	65
		<b>CD</b>	65
CBR Puncture Resistance (N)	EN ISO 12236		4300
Cone Drop Penetration (mm)	EN ISO 13433		13
Pore size 90% finer than (microns)	EN ISO 12956		70
Water Permeability $V_{I_{H50}}$	EN ISO 11058		0.065
Water Flow Rate (l/m <sup>2</sup> /sec)	EN ISO 11058		65
Effect of UV Light	The polypropylene (PP) used contains a UV inhibitor		
Roll Sizes (m)			4.5 x 100 2 x 100 2 x 50

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

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