

Technical Datasheet

Lotrak[®] 50R is a woven polypropylene geotextile used as an excellent reinforcement fabric in a wide range of civil engineering applications. This geotextile provides high tensile strength and CBR properties and is particularly suited as a reinforcement to soft ground.

TEST	STANDARD		Lotrak [®] 50R
Tensile Strength (kN/m)	EN ISO 10319	MD	52
		CD	52
Tensile Strength at 5% strain (%)	EN ISO 10319	MD	25
		CD	45
Elongation at max. load (%)	EN ISO 10319	MD	11
		CD	8
CBR Puncture Resistance (N)	EN ISO 12236		6000
Cone Drop Penetration (mm)	EN ISO 13433		8
Pore size 90% finer than (microns)	EN ISO 12956		210
Water Permeability $V_{I_{H50}}$	EN ISO 11058		0.014
Water Flow Rate (l/m ² /sec)	EN ISO 11058		14
Effect of UV Light	The polypropylene (PP) used contains a UV inhibitor		
Roll Size (m)			5 x 100

All products are manufactured under BS EN ISO 9001.

Don & Low reserves the right to change specifications or other product information. Don & Low accepts no responsibility or liability for information provided by third parties. No warranties, express or implied, are offered regarding the suitability of any product for your use, as site conditions and customer requirements vary. Should you require further information, please contact us. Products are sold subject to the seller's terms and conditions of sale. No warranty or immunity is offered against infringement of patents or other intellectual property rights.

©Don & Low Limited, 2024. The intellectual property in the products is owned and protected by Don & Low or its licensors.