

LOTRAK R

PRODUCT DESCRIPTION

Lotrak® separation geotextiles are used between the sub grade and sub base. This prevents intermixing of expensive stone and other aggregates within the soil, while providing good ground stabilisation.

Design to control particle movement of the soil, Lotrak® separators, prevent clogging while maintaining water flow by creating a bridging zone to promote natural soil filtration. The main purpose of all Lotrak® separation geotextiles is to prevent the loss of construction gravel and aggregates into the underlying soil and/or subgrade.



TEST	STANDARD		25R	50R	70R
TENSILE STRENGTH (kN/m)	EN 10319	MD	26	52	74
		CD	26	52	72
TENSILE STRENGTH AT 2% STRAIN (%)	EN 10319	MD	-	-	-
		CD	-	-	-
TENSILE STRENGTH AT 5% STRAIN (%)	EN 10319	MD	16	25	55
		CD	16	45	55
ELONGATION AT MAX. LOAD (%)	EN 10319	MD	9	11	9
		CD	9	8	7
CBR PUNCTURE RESISTANCE (N)	EN ISO 12236		3200	6000	9200
CONE DROP PENETRATION (mm)	EN 918		12	8	6
PORE SIZE 90% FINER THAN (MICRONS)	EN ISO 12956		270	210	240
GRID OPENING SIZE (mm)			-	-	-
WATER PERMEABILITY (X 10 ⁻³) (m/sec)	EN ISO 11058		10	14	18
EFFECT OF UV LIGHT		THE POLYPROPYLENE (PP) USED CONTAINS A UV INHIBITOR			
ROLL SIZE (m)		WIDTH	5.0	5.0	5.0
		LENGTH	100	100	100

ALL PRODUCTS ARE MANUFACTURED UNDER BS EN ISO 9001

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1. TCS Geotechnics is a trading name of Technical Civils Solutions Ltd
2. TCS Geotechnics Ltd reserves the right to alter product specifications without prior notice.
3. It is the responsibility of all users to satisfy themselves that the above data is current.
4. The above figures are average values obtained from testing to current EN ISO standards
5. TCS Ltd cannot accept responsibility for the performance of these products as the conditions of use are beyond our control.
6. Installation details are available on request.

