

TECHNICAL DATASHEET

TS1000 ORANGE

PRODUCT DESCRIPTION

TS1000 Orange geotextile is mechanically bonded continuous-filament nonwoven, manufactured from UV-stabilised polypropylene. The mechanical properties of TS1000 Orange provide excellent resistance to installation damage, excellent hydraulic properties and outstanding long-term performance.

Coloured bright Orange the geotextile has multiple functions offering a high visibility warning layer (for future dig) in contaminated land applications, whilst offering both separation and filtration functions.



MECHANICAL PROPERTIES	TEST METHOD	UNITS	TS1000 ORANGE
TENSILE STRENGTH - MD	EN ISO 10319	kN/m	8
TENSILE STRENGTH - XD	EN ISO 10319	kN/m	8
ELONGATION AT BREAK - MD	EN ISO 10319	%	90.0
ELONGATION AT BREAK - XD	EN ISO 10319	%	75.0
CBR PUNCTURE RESISTANCE	EN ISO 12236	N	1500
DYNAMIC CONE DROP	EN ISO 13443	mm	26.0
OPENING SIZE O ₉₀	EN ISO 12956	mm	0.12
WATER PERMEABILITY VERTICAL V _{IH50}	EN ISO 11058	l/m ² .s	130
THICKNESS UNDER @ kPa	EN ISO 9863-1	mm	0.8
MASS	EN ISO 9864	g/m ²	105
ROLL SIZE		m	4.0 X 100
ROLL DIAMETER (+/-10%)		cm	30

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.

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