



DATA SHEET

No. 1003/CE Revision 04 dated 18/5/2009

Mod. 03 PGQ 5.4_01 Rev. 01 del 03.09.2007



0799-CPD

GEO PP TC 100

Geo&tex 2000 S.p.A., Via XXV Aprile 3, I-36020 San Nazario (VI) - ITALY

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0799 - CPD - 15

Non woven Geotextile manufactured from UV-stabilised polypropylene staple fiber, needlepunched and thermocalendered suitable for the following applications:

<input checked="" type="checkbox"/>		EN 13249 : Characteristics required for use in the construction of roads and other trafficked areas	<input checked="" type="checkbox"/>		EN 13250 : Characteristics required for use in the construction of railways
<input checked="" type="checkbox"/>		EN 13251 : Characteristics required for use in earthworks, foundations and retaining structures	<input checked="" type="checkbox"/>		EN 13252 : Characteristics required for use in drainage systems
<input checked="" type="checkbox"/>		EN 13253 : Characteristics required for use in erosion control works (coastal protection, bank revetments)	<input checked="" type="checkbox"/>		EN 13254 : Characteristics required for use in the construction of reservoirs and dams
<input checked="" type="checkbox"/>		EN 13255 : Characteristics required for use in the construction of canals	<input type="checkbox"/>		EN 13256 : Characteristics required for use in the construction of tunnels and underground structures
<input checked="" type="checkbox"/>		EN 13257 : Characteristics required for use in solid waste disposal	<input checked="" type="checkbox"/>		EN 13265 : Characteristics required for use in liquid waste containment projects

Functions:

F - D - R - F+D - F+S+D - F+R+S - F+S - R+S - F+R

<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
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Characteristic	Test Method	Unit	Nominal Value	Tolerance	
Mass per unit area	EN ISO 9864	g/m ²	100	± 10%	
Thickness	EN ISO 9863-1	mm	0,65	± 20%	
Wide-Width Tensile Strength	EN ISO 10319	kN/m	MD	6,00	-0,60
			CMD	6,00	-0,60
Elongation	EN ISO 10319	%	MD	50	± 15
			CMD	60	± 20
Static Puncture Resistance	EN ISO 12236	N	1100	-105	
Dynamic Perforation Test	EN ISO 13433	mm	33,00	+ 6,60	
Characteristic Opening Size	EN ISO 12956	µm	90	± 30	
Permeability normal to the Plane	EN ISO 11058	m/s	0,086	-0,026	
Long Term Protection Efficiency	EN 13719	%	300 kPa	NR	NR
			600 kPa	NR	NR
			1200 kPa	NR	NR
Water Flow Capacity in the Plane	EN ISO 12958 (hard/hard and i=1)	m ² /s	20 kPa	4,50E-07	-1,40E-07
			100 kPa	1,50E-07	-4,50E-08
			200 kPa	1,00E-07	-3,00E-08
			To be covered within 1 month after installation. Predicted to be durable for more than 25 years in natural soils with 4<ph<9 and soil temperature < 25 °C		
Durability	EN 12224				
Oxidation Resistance	EN ISO 13438	Residual Strength	MD	>90%	
Chemical Resistance	EN 14030	Residual Strength	CMD	>90%	
			MD	>90%	
Microbiological Resistance	EN 12225	Residual Strength	CMD	100%	
			MD	100%	

MD : Machine Direction - CMD : Cross Machine Direction - NR : Not Required for application

TOLERANCE ON ROLL WIDTH: ± 3 cm. TOLERANCE ON ROLL LENGTH: ± 2% IF LENGTH ≤ 200 m, ± 1% IF LENGTH > 200 m. STANDARD CORES: PAPER, DIAMETER INNER 81mm / OUTER 89mm ± 5%. TOLERANCE ON GROSS/NET WEIGHT ± 5%. TECHNICAL DATA BASED ON STATISTIC ANALYSIS ON 95% CONFIDENCE LIMIT. PRESENT DATA SHEET CAN BE MODIFIED WITHOUT PRIOR NOTICE

Issued	
Date	COM
18/5/2009	

Verified	
Date	RCQ
18/5/2009	

Approved	
Date	RSQ
18/5/2009	



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