



# DATA SHEET

N° 110250/NG08 - R. 05 - 22/3/2024

Mod. 03 PGSI 8\_01 Rev. 00 del 25.11.2022



1071-CPR

## GEO PP 4NG/08











Geo&tex 2000 S.p.A., Via XXV Aprile 3, I-36029 VALBRENTA (VI), Italy  
Produced in factories SN - CB1 - CB2

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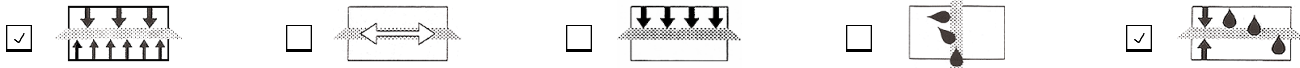
1071 - CPR - 1970

Non woven Geotextile manufactured from UV-stabilised polypropylene staple fiber, needlepunched and thermocalendered

INTENDED USES:

<input checked="" type="checkbox"/>	 <b>EN 13249:2016</b> Characteristics required for use in the construction of roads and other trafficked areas	<input checked="" type="checkbox"/>	 <b>EN 13250:2016</b> Characteristics required for use in the construction of railways
<input checked="" type="checkbox"/>	 <b>EN 13251:2016</b> Characteristics required for use in earthworks, foundations and retaining structures	<input checked="" type="checkbox"/>	 <b>EN 13252:2016</b> Characteristics required for use in drainage systems
<input checked="" type="checkbox"/>	 <b>EN 13253:2016</b> Characteristics required for use in erosion control works (coastal protection, bank revetments)	<input checked="" type="checkbox"/>	 <b>EN 13254:2016</b> Characteristics required for use in the construction of reservoirs and dams
<input checked="" type="checkbox"/>	 <b>EN 13255:2016</b> Characteristics required for use in the construction of canals	<input type="checkbox"/>	 <b>EN 13256:2016</b> Characteristics required for use in the construction of tunnels and underground structures
<input checked="" type="checkbox"/>	 <b>EN 13257:2016</b> Characteristics required for use in solid waste disposal	<input checked="" type="checkbox"/>	 <b>EN 13265:2016</b> Characteristics required for use in liquid waste containment projects

FUNCTIONS:



Characteristic	Test Method	Unit	Nominal Value	Tolerance	
Mass per unit area	EN ISO 9864	g/m <sup>2</sup>	250	-25 / +25	
Thickness	EN ISO 9863-1	mm	2 kPa	NPD	
Wide-Width tensile strength	EN ISO 10319	kN/m	MD	21,50	-2,00
			CMD	22,50	-2,00
			DIAG	NPD	NPD
Elongation	EN ISO 10319	%	MD	46,00	-9,2 / +30
			CMD	59,00	-11,8 / +35
			DIAG	NPD	NPD
Energy Index	EN ISO 10319	kN/m	≥4,5	NPD	
Static puncture resistance	EN ISO 12236	N	3300	-330	
Dynamic perforation test	EN ISO 13433	mm	18,0	+ 4,0	
Pyramidal puncture resistance	NF G 38019	kN	NPD	NPD	
Supported Pyramidal Puncture Resistance	EN 14574	N	NPD	NPD	
Characteristic opening size - O90	EN ISO 12956	μm	55	-16 / +16	
Permeability normal to the plane	EN ISO 11058	m/s	0,030	-0,009	
Long term protection efficiency	EN 13719	%	300 kPa	NPD	NPD
			600 kPa	NPD	NPD
			1200 kPa	NPD	NPD
Water flow capacity in the plane	EN ISO 12958	m <sup>2</sup> /s	20 kPa - i=1	NPD	NPD
			100 kPa - i=1	NPD	NPD
			200 kPa - i=1	NPD	NPD
				NPD	NPD
Durability prediction	EN 13249/57:2016,ANNEX B EN 13265:2016,ANNEX B	To be covered within 1 month after installation. Predicted to be durable for more than 100 years in natural soils with 4≤pH≤9 and soil temperature ≤ 25 °C			
Chemical resistance	EN 14030	Residual strength	MD	>90%	
Microbiological resistance	EN 12225	Residual strength	CMD	>90%	
			MD	100%	
			CMD	100%	


MD : Machine Direction - CMD : Cross Machine Direction - NPD: No performance determined / declared

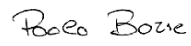
TOLERANCE ON ROLL WIDTH: ± 3 cm. TOLERANCE ON ROLL LENGTH: ± 2% IF LENGTH ≤ 200 m, ± 1% IF LENGTH > 200 m.


STANDARD CORES: PAPER, DIAMETER INNER 71mm / OUTER 78mm ± 5%.

TECHNICAL DATA BASED ON STATISTIC ANALYSIS ON 95% CONFIDENCE LIMIT. PRESENT DATA SHEET CAN BE MODIFIED WITHOUT PRIOR NOTICE

Production plant codes: SN: 36029 Valbrenta, Via XXV Aprile 3 - CB1: 36029 Valbrenta, Via Zannini 128 - CB2: 36029 Valbrenta, Via Giusti 54/56

Date	Issued	COM
22/03/2024		

Date	Verified	RCQ
22/03/2024		

Date	Approved	RSQ
22/03/2024		



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