DATA SHEET

20/NG08 - R6 - 18/08/2026

Mod. 03 PGSQ 8.5_01 R.00 del 25.11.2022

CERTIFIED

1071 - CPR

GEO PP 2NG/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:

☑	**EN 13249:2016** Characteristics required for use in the construction of roads and other trafficked areas	☑	**EN 13250:2016** Characteristics required for use in the construction of railways
☑	**EN 13251:2016** Characteristics required for use in earthworks, foundations and retaining structures	☑	**EN 13252:2016** Characteristics required for use in the construction of roads and other trafficked areas
☑	**EN 13253:2016** Characteristics required for use in the construction of roads and other trafficked areas	☑	**EN 13254:2016** Characteristics required for use in the construction of roads and other trafficked areas
☑	**EN 13255:2016** Characteristics required for use in the construction of roads and other trafficked areas	☐	**EN 13256:2016** Characteristics required for use in the construction of roads and other trafficked areas
☑	**EN 13257:2016** Characteristics required for use in the construction of roads and other trafficked areas	☑	**EN 13265:2016** Characteristics required for use in the construction of roads and other trafficked areas

FUNCTIONS:

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Characteristic	Test Method	Unit		Nominal Value	Tolerance
Mass per unit area	EN ISO 9864	g/m²		135	-13,5
Thickness	EN ISO 9863-1	mm	2 kPa	NPD	NPD
Wide-Width tensile strength	EN ISO 10319	kN/m	MD	10,7	-1,0
			CMD	11,3	-1,0
			DIAG	NPD	NPD
Elongation	EN ISO 10319	%	MD	41,0	-8,2 / +30
			CMD	57,0	-11,4 / +35
			DIAG	NPD	NPD
Energy Index	EN ISO 10319	kN/m		≥2,1	NPD
Static puncture resistance	EN ISO 12236	N		1600	-160
Dynamic perforation test	EN ISO 13433	mm		31,0	+7
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		70,0	-21 / +21
Permeability normal to the plane	EN ISO 11058	m/s		0,060	-0,018
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	m²/s	20 kPa - i=1	NPD	NPD
			100 kPa - i=1	NPD	NPD
			200 kPa - i=1	NPD	NPD
Durability prediction	EN 13249/57:2016,ANNEX B	Da coprire entro 1 mese dall'installazione. Previsione di durabilità minima di 100 anni in terreni naturali con 4≤pH≤9 e temperatura del terreno ≤25°C			
	EN 13265:2016,ANNEX B				
Chemical resistance	EN 14030	Residual strength		MD	>90%
				CMD	>90%
Microbiological resistance	EN 12225	Residual strength		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

Issued		Verified		Approved	
Date	QM	Date	RCQ	Date	RSGQ
18/08/2026		18/08/2026		18/08/2026	

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