# DATA SHEET

50/NG08 - R6 - 18/08/2026

Mod. 03 PGSQ 8.5_01 R.00 del 25.11.2022

CERTIFIED

**1071 - CPR**

# GEO PP 5NG/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 | $g/m^2$ | | 340 | -34,0 |
| Thickness | EN ISO 9863-1 | mm | 2 kPa | NPD | NPD |
| Wide-Width tensile strength | EN ISO 10319 | kN/m | MD | 27,4 | -2,7 |
| | | | CMD | 30,5 | -2,5 |
| | | | DIAG | NPD | NPD |
| Elongation | EN ISO 10319 | % | MD | 52,0 | -10,4 / +30 |
| | | | CMD | 63,0 | -12,6 / +35 |
| | | | DIAG | NPD | NPD |
| Energy Index | EN ISO 10319 | kN/m | | ≥6,5 | NPD |
| Static puncture resistance | EN ISO 12236 | N | | 4400 | -440 |
| Dynamic perforation test | EN ISO 13433 | mm | | 11,0 | +2 |
| 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 | | 63,5 | -19 / +19 |
| Permeability normal to the plane | EN ISO 11058 | m/s | | 0,015 | -0,004 |
| 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 | $m^2/s$ | 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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