DATA SHEET

N° 526/CE - R. 01 - 14/2/2018

Mod. 03 PGSQ 8.5_01 Rev. 00 del 30.06.2017

1071-CPR

GEO RPES AG 400

Geo&tex 2000 S.p.A., Via XXV Aprile 3, I-36020 SAN NAZARIO (VI), Italy

Produced in factories SN - CB1 - CB2

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1071 - CPR - 1970

Non woven Geotextile manufactured from polyester fibers, needlepunched

INTENDED USES:

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

FUNCTIONS:

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Characteristic	Test Method	Unit		Nominal Value	Tolerance
Mass per unit area	EN ISO 9864	g/m²		400	-60
Thickness	EN ISO 9863-1	mm	2 kPa	2,00	-0,40
Wide-Width tensile strength	EN ISO 10319	kN/m	MD	3,30	-1,00
			CMD	4,20	-1,30
			DIAG	NPD	NPD
Elongation	EN ISO 10319	%	MD	50,00	-20 / +20
			CMD	65,00	-20 / +20
			DIAG	NPD	NPD
Energy Index	EN ISO 10319	kN/m		NPD	NPD
Static puncture resistance	EN ISO 12236	N		700	-200
Dynamic perforation test	EN ISO 13433	mm		20,0	+ 5,0
Pyramidal puncture resistance	NF G 38019	kN		NPD	NPD
Supported Pyramidal Puncture Resistance	EN 14574	N		150	-30
Characteristic opening size - O90	EN ISO 12956	µm		65	-30 / +30
Permeability normal to the plane	EN ISO 11058	m/s		0,046	-0,017
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	2,00E-06	-6,00E-07
			100 kPa - i=1	NPD	NPD
			200 kPa - i=1	NPD	NPD
Durability prediction	EN 13249/57:2016,ANNEX B EN 13265:2016,ANNEX B	To be covered within 1 day after installation. Predicted to be durable 5 years in natural soils with 4<ph<9 and soil temperature < 25 °C			
Chemical resistance	EN 14030	Residual strength		MD	NPD
				CMD	NPD
Microbiological resistance	EN 12225	Residual strength		MD	NPD
				CMD	NPD

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: 36020 San Nazario, Via XXV Aprile 3 - CB1: 36020 Campolongo Sul Brenta, Via Zannini 128 - CB2: 36020 Campolongo Sul Brenta, Via Giusti 54/56

Issued		Verified		Approved	
Date	COM	Date	RCO	Date	RSGQ
14/02/2018		14/02/2018		14/02/2018	

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Geo&tex 2000 S.p.A., Via XXV Aprile 3, I-36020 San Nazario (VI)- ITALY
Tel. +39 (0)424 98330 - Fax. +39 (0)424 98593
www.geotex2000.com - info@geotex2000.com