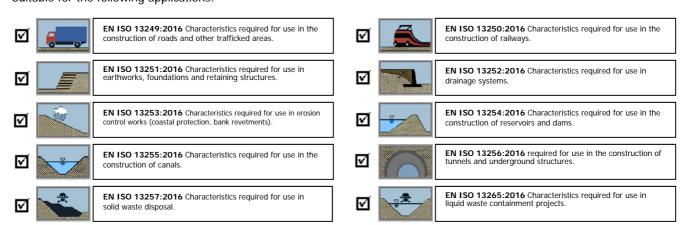
TECHNICAL DATASHEET GEOFELT PE-R 300



Non woven Geotextile manufactured from polyester fibers, only needlepunched. Suitable for the following applications:



Functions:

Characteristic	Test Method		Unit	Nominal Value	Tolerance
Mass per unit area	EN ISO 9864	g/m²		300	-45
Thickness	EN ISO 9863-1	mm	2 kPa	1,40	-0,28
Wide-Width tensile strength	EN ISO 10319	kN/m	MD	3,00	-0,90
			CMD	3,00	-0,90
			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		500	-150
Dynamic perforation test	EN ISO 13433	mm		40,0	+8,0
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		70	-30 / +30
Permeability normal to the plane	EN ISO 11058	m/s		0,058	-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	m ² /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	durable 5			in 1 day after installat in natural soils with	
Chemical resistance	EN 14030	Residual strength		MD	NPD
Citotilicariosistatice	LI4 14030			CMD	NPD
Microbiological resistance	EN 12225	Residual strength		MD CMD	NPD NPD

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 7 from ± 5%.

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





Quality Management according to UNI EN ISO 9001:2008

The values given are indicative and correspond to average results obtained in our laboratories and independent testing institutes. The right is reserved to make changes without notice at any time.

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GEOFELT GmbH

Rainerstrasse 14 4020 Linz/Austria T: +43 (0) 732 / 609860 F: +43 (0) 732 / 6098608 www.geofelt.com