

Product Technical Information

ITA/ATEXP/576

Rév. 1 – 16/02/10

GEOFELT ACM 400-800-1000

Anti puncturing geotextile for geomembrane protection

PRESENTATION

GEOFELT is a range of non woven geotextile, non resistant to UV, based on root-proof fibers, 100% polypropylene.

Geotextiles from GEOFELT are used to protect geomembranes in several kind of jobs:

- Hydraulic jobs and retention basin,
- Environmental protection jobs,
- Tunnels and underground jobs (roads and railways),
- Bridges.



CHARACTERISTICS

	Norms	Units	Nominal values		
			ACM 400	ACM 800	ACM 1000
Thickness under 2kPa	EN 9863-1	mm	3,5	5,5	6,5
Weight	EN 9864	g/m ²	400	800	1000
Tearing resistance	EN ISO 10319	kN/m	11	24	26
			20	45	48
Elongation		%	95	95	95
			60	60	60
Dynamic perforation	NF EN ISO 13 433	mm	10	3	2
Static puncturing	EN ISO 12236	kN	2,4	4,8	5,6
Permeability	EN ISO 11058	m/s	0,065	0,032	0,021
Filtration opening	EN ISO 12956	µm	70	< 63	< 63
Flow capacity in the plane	EN ISO 12958	10 ⁻⁶ m ² /s	9,6	14	-
			1,9	4,2	-

MD : Machine Direction

CD : Cross Direction

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CONDITIONNEMENT

Product	Width (m)	Length (m)	Surface (m ²)	Weight (kg)
ACM 400	2,5	75	187,5	75
	5	75	375	150
ACM 800	2,5	50	125	100
	5	50	250	200
ACM 1000	2,5	40	100	100
	5	40	200	200

This document is only a product technical data sheet. For each waterproofing design, please, consult the related technical agreement and in case of doubt contact the Siplast's Technical Department.