

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