

## GEOFELT ACM 300-500-700

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	Average values		
				ACM 300	ACM 500	ACM 700
<b>Thickness under 2kPa</b>		EN 9863-1	mm	3,0	4	5,0
<b>Weight</b>		EN 9864	g/m <sup>2</sup>	300	500	700
<b>Tearing resistance</b>	<b>MD</b>	EN ISO 10319	kN/m	6	15	22
	<b>CD</b>			12	30	40
<b>Elongation</b>	<b>MD</b>		%	95	95	95
	<b>CD</b>			60	60	60
<b>Dynamic perforation</b>		EN 918	mm	12	8	4
<b>Static puncturing</b>		EN ISO 12236	kN	1,8	3,2	4,5
<b>Permeability</b>		EN ISO 11058	m/s	0,077	0,037	0,026
<b>Filtration opening</b>		EN ISO 12956	µm	88	83	63
<b>Flow capacity in the plane</b>	<b>20kN</b>	EN ISO 12958	10 <sup>-6</sup> m <sup>2</sup> /s	9,7	9,7	11
	<b>100kN</b>			1,7	2,8	4,7

MD : Machine Direction

CD : Cross Direction

**PACKAGING**

<b>Product</b>	<b>Width (m)</b>	<b>Length (m)</b>	<b>Surface (m<sup>2</sup>)</b>	<b>Weight (kg)</b>
ACM 300	2,5	100	250	75
	5	100	500	150
ACM 500	2,5	50	125	93,75
	5	50	250	187,5
ACM 700	2,5	50	125	87,5
	5	50	250	175

*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.*