

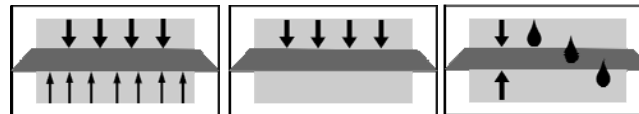
Technical data ACM™

Non Woven for protection and separation

Product	ACM™ 200	ACM™ 300	ACM™ 400	ACM™ 500	ACM™ 600	ACM™ 700	ACM™ 800	ACM™ 1000				
Certification	CE	CE	CE	CE	CE	CE	CE	CE	0334-CPD-0004			
Characteristic properties												
Polymers and construction	Nonwoven Geofabric made of needle punched synthetics fibres											
Mechanical properties												
Weight	g/m ²	200	300	400	500	600	700	800	1000	nom	EN ISO 9864	
Thickness at 2 kPa	mm	2.7	3	3.5	4	4.5	5	5.5	6.5	nom	EN ISO 9863-1	
Tensile Strength	MD	kN/m	4.0	6.0	11.0	15.0	18.0	22.0	24.0	26.0	nom	EN ISO 10319
	CMD	kN/m	8.0	12.0	20.0	30.0	36.0	40.0	45.0	48.0	nom	
Elongation at break	MD	%	95	95	95	95	95	95	95	95	nom	EN ISO 10319
	CMD	%	70	60	60	60	60	60	60	60	nom	
Static puncture Resistance	CBR	kN	1.0	1.8	2.4	3.2	4.0	4.5	4.8	5.6	nom	EN ISO 12236
Dynamic puncture test		mm	14.0	12.0	10.0	8	6	4	3	2	nom	EN ISO 13433
Puncture resistance	NFG	kN	0.6	1.1	1.5	2.0	2.5	2.8	3.0	3.5	nom	NF G 38-019
Hydraulic properties												
Characteristic Opening Size	µm	85	77	70	< 63	< 63	< 63	< 63	< 63	nom	EN ISO 12956	
Water permeability (vertical)	20 kPa	m*s ⁻¹	0.137	0.089	0.065	0.041	0.035	0.032	0.022	0.021	nom	EN ISO 11058
Water flow in the plane	20 kPa	10 ⁻⁶ m ² /s ⁻¹	-	9.7	13	9.7	12	11	12	-	nom	EN ISO 12958
	100 kPa	10 ⁻⁶ m ² /s ⁻¹	-	1.7	2.3	2.8	3.4	4.7	5.1	-	nom	
Standard dimensions												
Colour marking		black	green	grey	brown	yellow	bleu	black	white			
Length	m	150	100	50	50	50	50	50	40			
Width	m	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00			

Function / Application

Intended use



min = minimum value | max = maximum value (according to SN 670 240) | nom = nominal value

The values given are average obtained according to internal and external testing. We reserve the right to make changes at any in accordance with our knowledge, technology and experiences without any notice.