

ALGADE Instrumentation 	DATA SHEET FILTERS FOR AEROSOLS SAMPLING	Reference : NT-XFAB570-224 indA
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« Pink » C577 Filters

From high-quality filter paper from Bernard Dumas, we cut to the desired format, up to 140 mm in diameter (as standard).

- High-efficiency cellulose-glass fiber filter
- Water repellent
- Shade: pink
- Applications: high efficiency in all forms. Nuclear power, pharmaceuticals, biology, food research

Technical characteristics

Features	Units	Values		
		Min	Mean	Max
Grammage	g.m ⁻²	140	150	160
Thickness (50kPa)	mm	-	0.400	-
	inch	-	0.015	-
Pressure drop (@ 5.3 cm.s ⁻¹)	Mm CE	-	76.4	81.5
	Pa	-	750	800
Efficiency (0.3 µm @ 5.3 cm.s ⁻¹)	%	96	98	
Penetration (0.3 µm @ 5.3 cm.s ⁻¹)	%	-	2	4
Resistance				
• Machine direction	DaN/inch	4.00	-	-
	g/inch	4076	-	-
• Cross direction	DaN/inch	2.00	-	-
	g/inch	2038	-	-
Hydrofugation	Mm CE	635	1000	-

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« Yellow » C569 Filters

From high-quality filter paper from Bernard Dumas, we cut to the desired format, up to 140 mm in diameter (as standard).

- Cellulose-glass fiber filter
- Water repellent
- Shade: yellow
- Applications: high efficiency in all forms. Nuclear power, pharmaceuticals, biology, food research

Technical characteristics

Features	Units	Values		
		Min	Mean	Max
Grammage	g.m ⁻²	95	100	105
Thickness (50kPa)	mm	-	0.320	-
	inch	-	0.12	-
Pressure drop (@ 5.3 cm.s ⁻¹)	Mm CE	-	37.7	40.8
	Pa	-	370	400
Efficiency (0.3 µm @ 5.3 cm.s ⁻¹)	%	82	85	
Penetration (0.3 µm @ 5.3 cm.s ⁻¹)	%	-	15	18
Resistance				
• Machine direction	DaN/inch	3.00	-	-
	g/inch	3057	-	-
• Cross direction	DaN/inch	1.80	-	-
	g/inch	1834	-	-
Hydrofugation	Mm CE	635	1000	-
Gurley rigidity	Mg/inch	-	700	-