Бумага фильтровальная из стекловолокна, кварцевого волокна CARL ROTH GF 6, GF 8, GF 92, MN 85/70, MN 85/70 BF, 111A, 112A, 113A

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Glass/quartz fibre filter papers

Glass fibre round filters

Cytiva. Material: Borosilicate glass fibres, Inorganic binding agent.

- Chemically resistant to the majority of organic and inorganic solvents, aggressive chemicals and highly concentrated bases (not resistant to hydrofluoric acid)
- Constant weight, negligible influence on fluctuations in ambient humidity
- Mechanically stable (limited bending resistance)

Note: Filter units and clamping fixtures must have flexible sealing surfaces.

Type GF 6
Applications: Environmental analysis, biology, physics, drinks industry.

Use: Gas/air monitoring, water and waste water tests, scintillation measurements, dry mass determinations.

- Filtration speed: Low
- Retention rate: 99.97%
- Retention range: < 1 µm
- Surface weight: 80 g/m²
- Thickness: 0.35 mm

Type	Ø (mm)	Art. No.	Pack Qty.	
GF 6	25	**AY36.1**	200 unit(s)	
GF 6	47	**AY39.1**	200 unit(s)	
GF 6	50	**AY40.1**	200 unit(s)	
GF 6	55	**AY41.1**	100 unit(s)	
GF 6	70	**AY42.1**	100 unit(s)	
GF 6	90	**AY43.1**	100 unit(s)	
GF 6	100	**AY44.1**	100 unit(s)	
GF 6	110	**AY45.1**	100 unit(s)	
GF 6	125	**AY46.1**	100 unit(s)	
GF 6	150	**AY47.1**	100 unit(s)	
GF 6	185	**AY48.1**	100 unit(s)	
GF 6	200	**Y716.1**	100 unit(s)	
GF 6	240	**AY49.1**	100 unit(s)	

Type GF 8
Applications: Environmental analysis and industry.

Use: Determination of PCB, DDE, DDT, furans and dioxins in the air, dust calculations and filtration of coarse particles.

- Filtration speed: High
- Retention rate: 99%
- Retention range: 3 µm
- Surface weight: 80 g/m²
- Thickness: 0.35 mm

Type	Ø (mm)	Art. No.	Pack Qty.	
GF 8	90	**AY51.1**	100 unit(s)	

Type GF 92
Applications: Environmental analysis, biology, drinks industry.

Use: Membrane upstream filters, soot extraction from gas analysers.

- Filtration speed: Medium-fast
- Surface weight: 70 g/m²
- Retention range: 2–3 µm
- Thickness: 0.35 mm

Type	Ø (mm)	Art. No.	Pack Qty.	
GF 92	47	**AY55.1**	200 unit(s)	
GF 92	50	**AY56.1**	200 unit(s)	
GF 92	100	**AY57.1**	100 unit(s)	
GF 92	135	**AY58.1**	100 unit(s)	
GF 92	142	**AY59.1**	100 unit(s)	

A 121 °C

Quartz fibre round filters MN QF-10

Macherey-Nagel. Material: Quartz fibres. Autoclavable: Yes.

Made from pure quartz fibres, without binding agent. High chemical resistance to organic and inorganic solvents, acids (except hydrofluoric acid) and alkalis. For filtration of aggressive media in trace analytics, emissions control, airborne dust analytics, etc.
Extremely low metallic trace element content.

- Filtration speed (according to DIN 53137): <5 s
- Surface weight: 85 g/m²
- Retention range: Up to 0.3 µm
- Temperature stable up to 950 °C
- Thickness: 0.46 mm

Ø (mm)	Art. No.	Pack Qty.	
45	**EN12.1**	100 unit(s)	
47	**EN13.1**	100 unit(s)	
50	**EN14.1**	100 unit(s)	
90	**EN15.1**	100 unit(s)	

Glass/quartz fibre filter papers

Glass fibre round filters

Macherey-Nagel.

For fast filtration with simultaneously high retention. Very good resistance to most organic and inorganic solvents (not resistant to hydrofluoric acid).

- Filtration speed, air: 15 s
- Surface weight: 70 g/m²
- Retention range: ≥0,6 µm
- Thickness: 0.35 mm

Type: MN 85/70
Material: Borosilicate glass fibres Organic binding agent.

Most commonly used glass fibre filter with high mechanical stability for general use. Temperature stable up to 200 °C.

Type	Ø (mm)	Art. No.	Pack Qty.	
MN 85/70	25	**EN17.1**	100 unit(s)	
MN 85/70	37	**EN18.1**	100 unit(s)	
MN 85/70	40	**EN19.1**	100 unit(s)	
MN 85/70	45	**EN20.1**	100 unit(s)	
MN 85/70	55	**EN21.1**	100 unit(s)	
MN 85/70	70	**EN22.1**	100 unit(s)	
MN 85/70	90	**EN23.1**	100 unit(s)	
MN 85/70	110	**EN24.1**	100 unit(s)	
MN 85/70	125	**EN25.1**	100 unit(s)	
MN 85/70	150	**EN26.1**	100 unit(s)	
MN 85/70	185	**EN27.1**	100 unit(s)	
MN 85/70	200	**EN28.1**	100 unit(s)	
MN 85/70	240	**EN29.1**	100 unit(s)	
MN 85/70	270	**EN30.1**	100 unit(s)	
MN 85/70	320	**EN31.1**	100 unit(s)	

MN 85/70 BF
Material: Borosilicate glass fibres Free from binding agent.

Use, for example, as an upstream filter in the membrane filtration of particle-laden media. Temperature stable up to 500 °C.

Type	Ø (mm)	Art. No.	Pack Qty.	
MN 85/70 BF	25	**HK45.1**	100 unit(s)	
MN 85/70 BF	37	**HK46.1**	100 unit(s)	
MN 85/70 BF	45	**HK47.1**	100 unit(s)	
MN 85/70 BF	55	**HK48.1**	100 unit(s)	
MN 85/70 BF	70	**HK49.1**	100 unit(s)	
MN 85/70 BF	90	**HK50.1**	100 unit(s)	
MN 85/70 BF	110	**HK51.1**	100 unit(s)	
MN 85/70 BF	125	**HK52.1**	100 unit(s)	
MN 85/70 BF	150	**HK53.1**	100 unit(s)	
MN 85/70 BF	185	**HK54.1**	100 unit(s)	
MN 85/70 BF	240	**HK55.1**	100 unit(s)	
MN 85/70 BF	270	**HK56.1**	100 unit(s)	

Round filters ROTILABO®

ROTH SELECTION.

Filter paper for **qualitative analysis**. Made of 100% cellulose.
Ash content: 0.06%.

Type 111A
Very fast filtration speed. Filtration time according to DIN 53137: 10 s.

Surface weight: 80 g/m². Retention range: 12–15 µm.
Thickness: 0.16 mm.

Type	Ø (mm)	Retention range (µm)	Art. No.	Pack Qty.	
111A	25	12–15	**XP31.1**	100 unit(s)	
111A	47	12–15	**XP32.1**	100 unit(s)	
111A	55	12–15	**AP58.1**	100 unit(s)	
111A	70	12–15	**AP59.1**	100 unit(s)	
111A	90	12–15	**AP60.1**	100 unit(s)	
111A	110	12–15	**AP61.1**	100 unit(s)	
111A	125	12–15	**AP62.1**	100 unit(s)	
111A	150	12–15	**AP63.1**	100 unit(s)	
111A	185	12–15	**AP64.1**	100 unit(s)	
111A	240	12–15	**AP65.1**	100 unit(s)	

Type 112A
Fast filtration speed. Filtration time according to DIN 53137: 20 s.

Surface weight: 80 g/m². Retention range: 8–12 µm.
Thickness: 0.16 mm.

Type	Ø (mm)	Retention range (µm)	Art. No.	Pack Qty.	
112A	47	8–12	**XP34.1**	100 unit(s)	
112A	55	8–12	**AP66.1**	100 unit(s)	
112A	70	8–12	**AP67.1**	100 unit(s)	
112A	90	8–12	**AP68.1**	100 unit(s)	
112A	110	8–12	**AP69.1**	100 unit(s)	
112A	125	8–12	**AP70.1**	100 unit(s)	
112A	150	8–12	**AP71.1**	100 unit(s)	
112A	185	8–12	**AP72.1**	100 unit(s)	
112A	240	8–12	**AP73.1**	100 unit(s)	

Type 113A
Medium filtration speed. Filtration time according to DIN 53137: 50 s.

Surface weight 87 g/m². Retention range: 5–8 µm. Thickness: 0.16 mm.

Type	Ø (mm)	Retention range (µm)	Art. No.	Pack Qty.	
113A	47	5–8	**XP36.1**	100 unit(s)	
113A	55	5–8	**AP74.1**	100 unit(s)	
113A	70	5–8	**AP75.1**	100 unit(s)	
113A	90	5–8	**AP76.1**	100 unit(s)	
113A	110	5–8	**AP77.1**	100 unit(s)	
113A	125	5–8	**AP78.1**	100 unit(s)	
113A	150	5–8	**AP79.1**	100 unit(s)	
113A	185	5–8	**AP80.1**	100 unit(s)	
113A	240	5–8	**AP81.1**	100 unit(s)	

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