

Бумага фильтровальная специальная, гильзы экстракционные CARL ROTH ROTILABO, MN 617 G, MN 616 G, MN 619 G, MN 280, MN 615, MN 616 WA, MN 620, MN 614, MN 645, MN 649

Технические характеристики

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Special filter papers



Round filters phosphate-free

Macherey-Nagel. Material: Paper, phosphate-free.
For soil analyses and for P-analysis in smelting and steel works.

Type: MN 617 G

Fast filtration speed.
Surface weight: 85 g/m². Filtration time according to DIN 53137: 9 s.
Thickness: 0.2 mm.

Type	Ø (mm)	Art. No.	Pack Qty.
MN 617 G	55	HK24.1	100 unit(s)
MN 617 G	70	HK25.1	100 unit(s)
MN 617 G	90	HK26.1	100 unit(s)
MN 617 G	110	HK27.1	100 unit(s)
MN 617 G	125	HK28.1	100 unit(s)
MN 617 G	150	HK29.1	100 unit(s)
MN 617 G	185	HK30.1	100 unit(s)
MN 617 G	240	HK31.1	100 unit(s)
MN 617 G	320	HK32.1	100 unit(s)
MN 617 G	400	HK33.1	100 unit(s)

Type: MN 616 G

Medium filtration speed.
Surface weight: 85 g/m². Filtration time according to DIN 53137: 22 s.
Thickness: 0.2 mm.

Type	Ø (mm)	Art. No.	Pack Qty.
MN 616 G	55	HK14.1	100 unit(s)
MN 616 G	70	HK15.1	100 unit(s)
MN 616 G	90	HK16.1	100 unit(s)
MN 616 G	110	HK17.1	100 unit(s)
MN 616 G	125	HK18.1	100 unit(s)
MN 616 G	150	HK19.1	100 unit(s)
MN 616 G	185	HK20.1	100 unit(s)
MN 616 G	240	HK21.1	100 unit(s)
MN 616 G	320	HK22.1	100 unit(s)
MN 616 G	400	HK23.1	100 unit(s)

Type: MN 619 G

Low filtration speed.
Surface weight: 75 g/m². Filtration time according to DIN 53137: 100 s.
Thickness: 0.17 mm.

Type	Ø (mm)	Art. No.	Pack Qty.
MN 619 G	55	HK04.1	100 unit(s)
MN 619 G	70	HK05.1	100 unit(s)
MN 619 G	90	HK06.1	100 unit(s)
MN 619 G	110	HK07.1	100 unit(s)
MN 619 G	125	HK08.1	100 unit(s)
MN 619 G	150	HK09.1	100 unit(s)
MN 619 G	185	HK10.1	100 unit(s)
MN 619 G	240	HK11.1	100 unit(s)
MN 619 G	320	HK12.1	100 unit(s)
MN 619 G	400	HK13.1	100 unit(s)



Folded filters MN 280 1/4 phosphate-free

Macherey-Nagel. Material: Paper, acid washed and phosphate-free.
Low filtration speed. With optimum purification and a flat surface. For determination of the micronutrients available to plants (Mg, Mn, Cu, Zn, Co, B, Mo) as well as for soil analyses.
Surface weight: 75 g/m². Filtration time according to DIN 53137: 100 s.
Thickness: 0.18 mm.

Type	Ø (mm)	Art. No.	Pack Qty.
MN 280 1/4	110	HK34.1	100 unit(s)
MN 280 1/4	125	HK35.1	100 unit(s)
MN 280 1/4	150	HK36.1	100 unit(s)
MN 280 1/4	185	HK37.1	100 unit(s)
MN 280 1/4	240	HK38.1	100 unit(s)



Folded filters MN 615 ff 1/4 for oil testing

Macherey-Nagel.
Medium filtration speed. For oil testing, free from oils and resins.
Thickness: 0.16 mm. Surface weight 70 g/m². Ether-soluble residue <0.1 mg on filters with Ø 270 mm.

Type	Ø (mm)	Art. No.	Pack Qty.
MN 615 ff 1/4	110	HK80.1	100 unit(s)
MN 615 ff 1/4	125	HK81.1	100 unit(s)
MN 615 ff 1/4	150	HK82.1	100 unit(s)
MN 615 ff 1/4	185	HK83.1	100 unit(s)
MN 615 ff 1/4	240	HK84.1	100 unit(s)
MN 615 ff 1/4	270	HK85.1	100 unit(s)

Special filter papers



Folded filters grained

Macherey-Nagel.

Surface weight: 75 g/m². Filtration time according to DIN 53137: 25 s. Grained surface. E.g. for analyses in breweries.

Type: MN 614 1/4

Medium filtration speed, bleached, low in nitrogen. Suitable for malt analysis as well as for filtration of essential oils, emulsions, essences, etc. Thickness 0.25 mm.

Type	Ø (mm)	Art. No.	Pack Qty.
MN 614 1/4	55	HK57.1	100 unit(s)
MN 614 1/4	70	HK58.1	100 unit(s)
MN 614 1/4	90	HK59.1	100 unit(s)
MN 614 1/4	110	HK60.1	100 unit(s)
MN 614 1/4	125	HK61.1	100 unit(s)
MN 614 1/4	150	HK62.1	100 unit(s)
MN 614 1/4	185	HK63.1	100 unit(s)
MN 614 1/4	240	HK64.1	100 unit(s)
MN 614 1/4	320	HK65.1	100 unit(s)
MN 614 1/4	400	HK66.1	100 unit(s)

Type: MN 620 1/4

Unbleached. Suitable for removing carbonic acids before the analysis, for example. Thickness: 0.26 mm.

Type	Ø (mm)	Art. No.	Pack Qty.
MN 620 1/4	70	HK67.1	100 unit(s)
MN 620 1/4	90	HK68.1	100 unit(s)
MN 620 1/4	110	HK69.1	100 unit(s)
MN 620 1/4	125	HK70.1	100 unit(s)
MN 620 1/4	150	HK71.1	100 unit(s)
MN 620 1/4	185	HK72.1	100 unit(s)
MN 620 1/4	240	HK73.1	100 unit(s)
MN 620 1/4	320	HK74.1	100 unit(s)
MN 620 1/4	385	HK75.1	100 unit(s)
MN 620 1/4	400	HK76.1	100 unit(s)



Germ testing paper ROTILABO®

ROTH SELECTION.

Folded, waterproof, germ testing paper. For carrying out germ resistance tests, e.g. for root vegetable seeds. Surface weight: 160 g/m². Shape: Width 110 mm, fold depth 20 mm, double folds (50 units), length 2 m.

Length (m)	Width (mm)	Art. No.	Pack Qty.
2	110	AT14.1	1 unit(s)

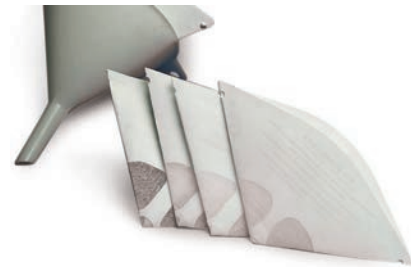


Phase separating paper MN 616 WA

Macherey-Nagel. Material: Paper, Impregnated with silicone.

Circular filters for **qualitative analysis**. The hydrophobic surface separates water from non water-miscible liquids. Enables partial quantities to be filtered out. Surface weight: 85 g/m². Temperature stable up to +120 °C. Largely solvent resistant.

Ø (mm)	Art. No.	Pack Qty.
125	1284.1	100 unit(s)



Single-use sieve

Material: Cardboard, water-resistant, nylon sieve cloth.

Suitable for liquids of various consistencies, for example varnishes and paints. Height: 12 cm, upper Ø approx. 16 cm.

Type	Retention range (µm)	Colour coding	Art. No.	Pack Qty.
superfine	125	blue	TA93.1	125 unit(s)
extra fine	150	turquoise	AXL8.1	125 unit(s)
fine	190	yellow	TA92.1	125 unit(s)
medium	260	orange	TA91.1	125 unit(s)
coarse	1000	white	AXL9.1	125 unit(s)



Test papers ROTILABO®

ROTH SELECTION.

Untreated cellulose sheets made from 100% cotton linters. Good absorbency, surface weight of 290 g/m², thickness 0.75 mm. For impregnating with agent solution.

Suitable for determining the resistance to antibiotics or chemotherapeutic substances in bacteria cultures and pathogenic organisms.

Ø (mm)	Art. No.	Pack Qty.
6	KA07.1	1,000 unit(s)
9	KA08.1	1,000 unit(s)
12	KA09.1	1,000 unit(s)
12.7	KA10.1	1,000 unit(s)
25	KA11.1	1,000 unit(s)



Special filter papers

Blotting paper blocks ROTILABO®

ROTH SELECTION.

Highly absorbent paper for removing surplus liquid from small samples or microscope slides.

Surface weight: 73 g/m². Dimensions: L 100 x W 37 mm.

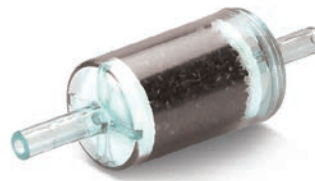


Length (mm)	Width (mm)	Pack.	Art. No.	Pack Qty.
100	37	1 x 50 sheets	XP50.1	1 unit(s)

Activated carbon filter ROTILABO®

ROTH SELECTION.

For filtration of liquids or gases. Filter material: Activated carbon granules, PC casing. Temperature stable up to max. 70 °C, pressure stable up to max. 2 bar. For hose connections with inside Ø 6.3 mm. Dimensions: Ø 26 x L 82 mm.



Ø (mm)	Length (mm)	Art. No.	Pack Qty.
26	82	HC24.1	10 unit(s)

Extraction sleeves ROTILABO®

ROTH SELECTION. Material: Cellulose, 100%.

Grease-free, high mechanical strength and high retention capacity. Ideal for many extraction systems.



Ø Internal (mm)	Height (mm)	Art. No.	Pack Qty.
19	90	HTH3.1	25 unit(s)
20	80	HTH4.1	25 unit(s)
22	80	HTH5.1	25 unit(s)
26	60	HTH6.1	25 unit(s)
28	80	HTH7.1	25 unit(s)
30	80	HTH8.1	25 unit(s)
30	100	HTH9.1	25 unit(s)
33	80	HTK0.1	25 unit(s)
33	94	HTK1.1	25 unit(s)
33	100	HTK2.1	25 unit(s)
33	118	HTK3.1	25 unit(s)
34	130	HTK4.1	25 unit(s)
41	123	HTK5.1	25 unit(s)
43	123	HTK6.1	25 unit(s)

Extraction sleeves

Extraction sleeves MN 645

Macherey-Nagel. Material: Cellulose.

For holding solids during Soxhlet and other extractions. Also suitable for separating solid or liquid particles from air and gases.

Extraction sleeves according to DIN 12449 are suitable for extractors according to DIN 12602 and 12604.



Ø ext. (mm)	Ø Internal (mm)	Height (mm)	Standards	Art. No.	Pack Qty.
23	20	80	not in acc. with DIN	H202.1	25 unit(s)
25	22	80	DIN 12449	H203.1	25 unit(s)
26	23	100	not in acc. with DIN	H204.1	25 unit(s)
27	24	60	not in acc. with DIN	H205.1	25 unit(s)
31	28	80	not in acc. with DIN	H206.1	25 unit(s)
32	29	100	not in acc. with DIN	H207.1	25 unit(s)
33	30	80	not in acc. with DIN	H208.1	25 unit(s)
33	30	100	not in acc. with DIN	H210.1	25 unit(s)
34	31	118	not in acc. with DIN	H211.1	25 unit(s)
36	33	94	DIN 12449	H209.1	25 unit(s)
36	33	205	DIN 12449	L867.1	25 unit(s)
52	48	230	DIN 12449	L868.1	25 unit(s)
61	57	315	DIN 12449	L869.1	25 unit(s)

Extraction sleeves made of glass fibres MN 649

Macherey-Nagel. Material: Borosilicate glass fibres.

Micro-glass fibres consist of binding-agent-free borosilicate glass, temperature stable for short periods up to 500 °C. The sleeves have a high chemical compatibility, a very high separation capacity and a very high particle retention capacity.

Suitable for emissions measurements at high temperatures, for separating dust particles or aerosols from gases or air flows.

Extraction sleeves according to DIN 12449 are suitable for extractors with defined nominal volumes according to DIN 12602 and 12604.



Ø ext. (mm)	Ø Internal (mm)	Wall thickness (mm)	Height (mm)	Standards	Art. No.	Pack Qty.
17	15	1,0	50	not in acc. with DIN	CYH8.1	25 unit(s)
18	16	1,0	100	not in acc. with DIN	CYH9.1	25 unit(s)
25	22	1,5	80	DIN 12449	CYK0.1	25 unit(s)
26	23	1,5	90	not in acc. with DIN	CYK1.1	25 unit(s)
26	23	1,5	100	not in acc. with DIN	CYK2.1	25 unit(s)
30	27	1,5	80	not in acc. with DIN	CYK3.1	25 unit(s)
31	28	1,5	60	not in acc. with DIN	CYK4.1	25 unit(s)
31	28	1,5	120	not in acc. with DIN	CYK5.1	25 unit(s)
33	30	1,5	150	not in acc. with DIN	CYK6.1	25 unit(s)
36	33	1,5	80	not in acc. with DIN	CYK7.1	25 unit(s)
36	33	1,5	90	not in acc. with DIN	CYK8.1	25 unit(s)
36	33	1,5	94	DIN 12449	CYK9.1	25 unit(s)
36	33	1,5	100	not in acc. with DIN	CYL0.1	25 unit(s)
36	33	1,5	118	not in acc. with DIN	CYL1.1	25 unit(s)
36	33	1,5	205	DIN 12449	CYL2.1	25 unit(s)
36	35	1,5	150	not in acc. with DIN	CYL3.1	25 unit(s)
47	43	2,0	123	not in acc. with DIN	CYL4.1	25 unit(s)
52	48	2,0	230	DIN 12449	CYL5.1	25 unit(s)
61	57	2,0	315	DIN 12449	CYL6.1	25 unit(s)
79	75	2,0	330	not in acc. with DIN	CYL7.1	25 unit(s)

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