

MACHEREY-NAGEL

Sewage plants

Filtration



Filter papers for sewage plants

- Reliable results
- ISO-compliant filtration
- German brand quality



MACHEREY-NAGEL

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Filter papers for sewage plants

Optimal filter for every application

Analytics is of highest importance for the successful and smooth operation of a wastewater treatment plant. Filter papers are crucial in various analytical methods, for example in sample preparation or in the determination of dry matter. Filter papers from MACHEREY-NAGEL are ideally suited for the analysis in wastewater treatment plants and are characterized by their high quality. Due to the unique variety of products you always find the right solution for your needs.


Determination of dry substance – Filtration of samples for all N-parameters

Filter	Application	Description	Ø	REF
	Filtration of 100 mL sample	MN 615 ¼	185 mm	53 10 18
	Filtration of 1000 mL sample	MN 615 ¼	320 mm	53 10 32

Determination of dry residues and/or ash content


Filter	Application	Description	Ø	REF
	Suction filter	MN 640 w	90 mm	20 20 09
			110 mm	20 20 11
	Filtration without residues on suction filters	MN 640 w with elevated border	90 mm	20 29 01
			110 mm	20 29 03
			125 mm	20 29 02

Elimination of turbidity in photometry (without sample digestion)

Filter	Application	Description	Ø	REF
	Membran filtration kit for sample preparation: 2 syringes 20 mL 25 CHROMAFIL® membrane filters	PET	0.45 µm	916 50
		GF/PET*	0.45 µm	916 01
	CHROMAFIL® membrane filters without accessories	PET	0.45 µm	916 52
		GF/PET*	0.45 µm	916 02


*with glass fiber pre filter, retain large particles, without clogging

Determination of suspended solids in sewage plants (DIN EN 872)

Filter	Application	Description	PT*	REF
	Filtration with glass fiber filters	MN 85/70 BF	0.6 µm	40 40 ..
	Higher filter performance with glass fiber filters	MN 85/90 BF	0.5 µm	40 60 ..

* PT= particle retention

Determination of filterable solids (DIN 38 409)

Filter	Application	Description	Ø	REF
	for very low content	PORAFIL® CM 0.45 µm	50 mm	651 000 45 050
	for low content < 20 mg/L	MN 85/70 BF	55 mm	40 40 05
	for medium content > 20 mg/L	MN 640 w	55 mm	20 20 05
	for very high content > 1000 mg/L	MN 640 w	70 mm	20 20 07

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