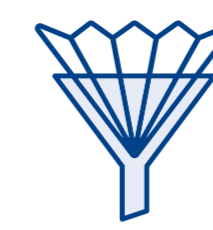


# CHROMAFIL® Disposable syringe filters



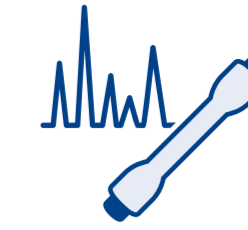
Filtration



Schnellteste



Wasseranalytik



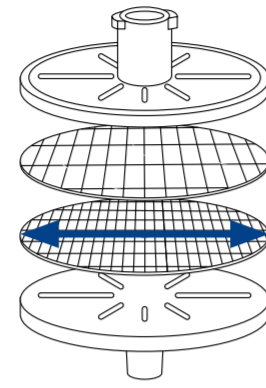
Chromatographie



Bioanalytik

## Anatomy of CHROMAFIL®

CHROMAFIL® disposable syringe filters consist of a polypropylene shell loaded with one or more membrane(s). They are produced in a colorless (Xtra) and a color-coded version, which are identical in functionality and just meant to simplify the handling in daily use.



Sample size [mL]	Recommended membrane diameter [mm]	Dead volume [mL]	Filtration area [cm²]
≤ 1	3	5	0.07
1 – 5	13	30	1.33
1 – 5	15	35	1.77
5 – 100	25	80	4.91

Pack sizes		
Standard (100 pc.)	BIGbox (400 pc.)	Sterile (50 pc.)

**Abbreviations**  
 A = aqueous solutions, AO = aqueous-organic solutions, CA = cellulose acetate, GF = glass fiber, H-PTFE = hydrophillized polytetrafluoroethylene, IC = special filter for ion chromatography, MS = minispike on filter exit, MV = cellulose mixed esters, O = organic solutions, PA = polyamide, PES = polyethersulfone, PET = polyester, PP (housing material) = polypropylene, PTFE = polytetrafluoroethylene, PVDF = polyvinylidene difluoride, RC = regenerated cellulose, S = sterile

## Advantages of CHROMAFIL®

- Reduced matrix contamination increases column longevity
- Avoids expensive frequent column replacements
- Less system downtime keeps your lab operational
- Reproducible and reliable analytical results
- Secure supply, manufactured in Germany



## CHROMAFIL® Xtra (labeled)

	Pore size [µm]	Diameter [mm]	REF	Details
PET	0.20	25	729221	
	0.45	25	729220	
	1.20	25	729229	
	0.20	13	729222	
	0.45	13	729223	
RC	0.20	25	729230	
	0.45	25	729231	
	0.20	13	729236	
	0.45	13	729237	
	0.20	25	729207	
PTFE	0.45	25	729205	
	1.00	25	729247	
	0.20	13	729208	
	0.45	13	729209	
	0.20	25	729270	
H-PTFE	0.45	25	729271	
	0.20	25	729245	
	0.45	25	729246	
	0.20	13	729256	
	0.45	13	729257	
CA/CA sterile	0.20	25	729226	
	0.45	25	729227	
	0.20	13	729254	
	0.45	13	729255	
	0.20	25	729212	
PA (Nylon)	0.45	25	729213	
	0.20	13	729248	
	0.45	13	729249	
	0.20	25	729260	
	0.45	25	729261	
PVDF	0.20	25	729218	
	0.45	25	729219	
	0.20	13	729243	
	0.45	13	729244	
	0.20	25	729240	
PES	0.45	25	729241	
	5.00	25	729242	
	0.20	25	729206	
MV	0.45	25	729204	
	0.20	25	729206	
GF	1.00	25	729228	
	1.00	13	729234	
IC	0.45	25	729258	
	0.45	25	729258	

## CHROMAFIL® color coded

Type	Pore size [µm]	Diameter [mm]	Top / bottom	REF	Details
PET-20/25	0.20	25	yellow / orange	729021	
PET-45/25	0.45	25	colorless / orange	729020	
PET-20/15 MS	0.20	15	yellow / orange	729022	
PET-45/15 MS	0.45	15	colorless / orange	729023	
GF/PET-20/25	1.00/0.20	25	blue / orange	729032	
GF/PET-45/25	1.00/0.45	25	black / orange	729033	
RC-20/25	0.20	25	yellow / blue	729030	
RC-45/25	0.45	25	colorless / blue	729031	
RC-20/15 MS	0.20	15	yellow / blue	729036	
RC-45/15 MS	0.45	15	colorless / blue	729037	
GF/RC-20/25	1.00/0.20	25	blue / blue	729050	
GF/RC-45/25	1.00/0.45	25	black / blue	729051	
O-20/25	0.20	25	yellow / colorless	729007	
O-20/15 MS	0.20	15	yellow / colorless	729008	
O-45/15 MS	0.45	15	colorless / colorless	729009	
O-20/3	0.20	3	colorless / colorless	729014	
O-45/3	0.45	3	colorless / colorless	729015	
CA-20/25	0.20	25	yellow / red	729026	
CA-45/25	0.45	25	colorless / red	729027	
CA-45/15 MS	0.45	15	colorless / red	729055	
CA-20/25 (S)	0.20	25	yellow / red	729024	
CA-45/25 (S)	0.45	25	colorless / red	729025	
AO-20/25	0.20	25	yellow / green	729012	
AO-45/25	0.45	25	colorless / green	729013	
AO-20/15 MS	0.20	15	yellow / green	729048	
AO-45/15 MS	0.45	15	colorless / green	729049	
AO-20/3	0.20	3	colorless / colorless	729010	
AO-45/3	0.45	3	colorless / colorless	729011	
GF/PVDF-45/25	1.00/0.45	25	black / white	729039	
PVDF-20/15 MS	0.20	15	yellow / white	729043	
PVDF-45/15 MS	0.45	15	colorless / white	729044	
A-20/25	0.20	25	yellow / yellow	729006	
A-45/25	0.45	25	colorless / yellow	729004	
GF-100/25	1.00	25	yellow / black	729028	
GF-100/15 MS	1.00	15	blue / colorless	729034	

## Solvent compatibility of membranes



## CHROMAFIL® brochure



[www.mn-net.com](http://www.mn-net.com)

