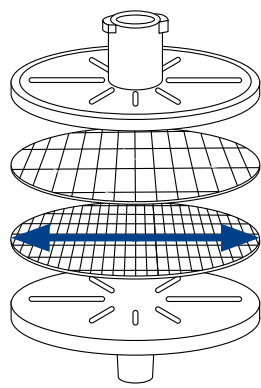


CHROMAFIL® Disposable syringe filters

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 = hydrophilized 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

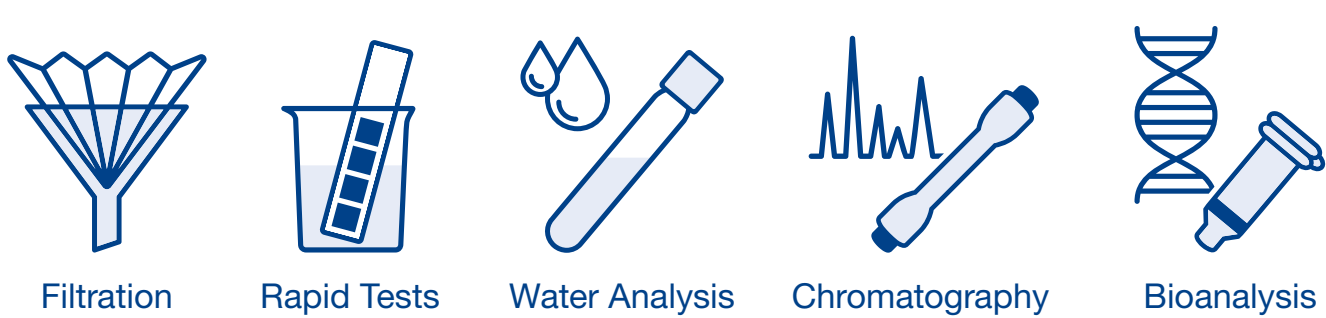
Advantages of CHROMAFIL®

- 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

www.mn-net.com/chromatography-service

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		
	0.45	25	729204		
	0.20	25	729205		
GF	1.00	25	729228		
	1.00	13	729234		
	0.20	25	729207		
	0.45	25	729208		
	0.20	25	729209		
IC	0.45	25	729258		
	0.20	25	729245		
	0.45	25	729246		
	0.20	13	729256		
	0.45	13	729257		



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		
PTFE-20/25	0.20	25	yellow / colorless	729007		
PTFE-20/15 MS	0.20	15	yellow / colorless	729008		
PTFE-45/15 MS	0.45	15	colorless / colorless	729009		
PTFE-20/3	0.20	3	colorless / colorless	729014		
PTFE-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		
PA-20/25	0.20	25	yellow / green	729012		
PA-45/25	0.45	25	colorless / green	729013		
PA-20/15 MS	0.20	15	yellow / green	729048		
PA-45/15 MS	0.45	15	colorless / green	729049		
PA-20/3	0.20	3	colorless / colorless	729010		
PA-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		
MV-20/25	0.20	25	yellow / yellow	729006		
MV-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

