

CHROMAFIL®

Disposable syringe filters from the chromatography specialist



Solvent compatibility

- Acetaldehyde
- Acetic acid, 100 %
- Acetone
- Acetonitrile
- Ammonia, 25 %
- Benzene
- n-Butanol
- Cyclohexane
- Dichloromethane
- Diethyl ether
- Dimethylformamide
- 1,4-Dioxane
- Ethanol
- Ethyl acetate
- Ethylene glycol
- Formic acid, 100 %
- Hydrochloric acid, 50 %
- Methanol
- Nitric acid, 65 %
- Oxalic acid, 50 %
- Petroleum ether
- Phosphoric acid, 10 % aqueous
- Potassium hydroxide, 80 %
- 2-Propanol
- Sodium hydroxide, 1 mol/L
- Tetrahydrofuran
- Toluene
- Trichloroethane
- Trichloroethane (chloroform)
- Urea
- Water
- Xylene

CHROMAFIL® Xtra labeled						CHROMAFIL® color coded						
Type	Pore size [µm]	Diameter [mm]	REF	Details	Type	Pore size [µm]	Diameter [mm]	Top	Bottom	REF	Details	
PET	Xtra PET-20/25	0.20	25	729221		PET-20/25	0.20	25	yellow	orange	729021	
	Xtra PET-45/25	0.45	25	729220		PET-45/25	0.45	25	colorless	orange	729020	
	Xtra PET-120/25	1.20	25	729229		PET-20/15 MS	0.20	15	yellow	orange	729022	
	Xtra PET-20/13	0.20	13	729222		PET-45/15 MS	0.45	15	colorless	orange	729023	
	Xtra PET-45/13	0.45	13	729223		GF/PET-20/25	1.00/0.20	25	blue	orange	729032	
RC	Xtra RC-20/25	0.20	25	729230		RC-20/25	0.20	25	yellow	blue	729030	
	Xtra RC-45/25	0.45	25	729231		RC-45/25	0.45	25	colorless	blue	729031	
	Xtra RC-20/13	0.20	13	729236		RC-20/15 MS	0.20	15	yellow	blue	729036	
	Xtra RC-45/13	0.45	13	729237		RC-45/15 MS	0.45	15	colorless	blue	729037	
						GF/RC-20/25	1.00/0.20	25	blue	blue	729050	
PTFE	Xtra PTFE-20/25	0.20	25	729207		O-20/25	0.20	25	yellow	colorless	729007	
	Xtra PTFE-45/25	0.45	25	729205		O-20/15 MS	0.20	15	yellow	colorless	729008	
	Xtra PTFE-100/25	1.00	25	729247		O-45/15 MS	0.45	15	colorless	colorless	729009	
	Xtra PTFE-20/13	0.20	13	729208		O-20/3	0.20	3	colorless	colorless	729014	
	Xtra PTFE-45/13	0.45	13	729209		O-45/3	0.45	3	colorless	colorless	729015	
H-PTFE	Xtra H-PTFE-20/25	0.20	25	729245		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						
	Xtra H-PTFE-45/25	0.45	25	729246								
	Xtra H-PTFE-20/13	0.20	13	729256								
	Xtra H-PTFE-45/13	0.45	13	729257								
CA/CA sterile	Xtra CA-20/25	0.20	25	729226		CA-20/25	0.20	25	yellow	red	729026	
	Xtra CA-45/25	0.45	25	729227		CA-45/25	0.45	25	colorless	red	729027	
	Xtra CA-20/13	0.20	13	729254		CA-45/15 MS	0.45	15	colorless	red	729055	
	Xtra CA-45/13	0.45	13	729255		CA-20/25 (S)	0.20	25	yellow	red	729024	
						CA-45/25 (S)	0.45	25	colorless	red	729025	
PA (Nylon)	Xtra PA-20/25	0.20	25	729212		AO-20/25	0.20	25	yellow	green	729012	
	Xtra PA-45/25	0.45	25	729213		AO-45/25	0.45	25	colorless	green	729013	
	Xtra PA-20/13	0.20	13	729248		AO-20/15 MS	0.20	15	yellow	green	729048	
	Xtra PA-45/13	0.45	13	729249		AO-45/15 MS	0.45	15	colorless	green	729049	
	Xtra GF/PA-20/25	0.20	25	729260		AO-20/3	0.20	3	colorless	colorless	729010	
	Xtra GF/PA-45/25	0.45	25	729261		AO-45/3	0.45	3	colorless	colorless	729011	
PVDF	Xtra PVDF-20/25	0.20	25	729218		GF/PVDF-45/25	1.00/0.45	25	black	white	729039	
	Xtra PVDF-45/25	0.45	25	729219		PVDF-20/15 MS	0.20	15	yellow	white	729043	
	Xtra PVDF-20/13	0.20	13	729243		PVDF-45/15 MS	0.45	15	colorless	white	729044	
	Xtra PVDF-45/13	0.45	13	729244								
PES	Xtra PES-20/25	0.20	25	729240		Advantages Your benefits when using CHROMAFIL® syringe filters • Protection of sensitive instrumentation • Less system downtime and increased column lifetime • Reproducible and reliable analytical results						
	Xtra PES-45/25	0.45	25	729241		Choose the right size Diameter [mm] refers to filter membrane Ø						
	Xtra PES-500/25	5.00	25	729242								
MV	Xtra MV-20/25	0.20	25	729206		A-20/25	0.20	25	yellow	yellow	729006	
	Xtra MV-45/25	0.45	25	729204		A-45/25	0.45	25	colorless	yellow	729004	
GF	Xtra GF-100/25	1.00	25	729228		GF-100/25	1.00	25	yellow	black	729028	
	Xtra GF-100/13	1.00	13	729234		GF-100/15 MS	1.00	15	blue	colorless	729034	
IC	Xtra IC-45/25	0.45	25	729258		Webshop For more product information, please scan the QR codes or visit www.mn-net.com						
PP	Housing material		Package sizes			Sample volume						
			<ul style="list-style-type: none"> Standard pack size 100 filters Sterile filters in packs of 50 Bigboxes of 400 filters on request 	<ul style="list-style-type: none"> ≤ 1 mL: 3 mm 1–5 mL: 13 mm 1–5 mL: 15 mm 5–100 mL: 25 mm 	<ul style="list-style-type: none"> Dead volume: 5 µL 30 µL 35 µL 80 µL 	<ul style="list-style-type: none"> Filtration area: 0.07 cm² 1.33 cm² 1.77 cm² 4.91 cm² 						

