

- Extended solvent compatibility
- Colour coded or colour free labelled
- Low dead volume
- Well suited for automation
- Star-shaped distribution device

**CHROMAFIL® disposable syringe filters** are used for filtration of suspended matter from liquid samples (1 – 100ml) or gases. This is important for preventing column or frit blockage and wear to valve seals. The filters connect to standard Luer hub syringes.

These filters are available in a broad range of pore sizes and membrane types. The polypropylene housings are highly solvent resistant and exhibit low extractables.

**CHROMAFIL Xtra syringe filters** are labelled for method validation and certification. They are imprinted for direct identification of the membrane type, diameter and pore size. They are manufactured in colour-free polypropylene and HPLC test certificates are available for every membrane type. CHROMAFIL Xtra are suitable for use in automated instrumentation. Please enquire for further details and ordering information.



### Recommended filter sizes for different sample volumes

Sample Volume	Recommended Diameter	Dead Volume
<1ml	3mm	5µl
1 – 5ml	15mm	12µl
5 – 100ml	25mm	<80µl

### Ordering Information<sup>3</sup>

CHROMAFIL Type	Membrane Pore Size (µm)	Membrane Diameter (mm)	Catalogue No.	Price <sup>1</sup> (100/pk)	Recommended Applications
<b>Cellulose mixed esters (MV)</b>					
A-20/25	0.20	25	729006		Filtration of polar sample solutions
A-45/25	0.45	25	729004		
<b>Cellulose acetate (CA)</b>					
CA-20/25 S	0.20	25	729024		Filtration under sterile conditions
CA-45/25 S	0.45	25	729025		
CA-20/25	0.20	25	729026		Filtration of water soluble oligomers and polymers, especially biological macromolecules
CA-45/25	0.45	25	729027		
<b>Regenerated cellulose (RC)</b>					
RC-20/15 MS	0.20	15	729036		Filtration of polar and medium polar sample solutions (MS = minispikes on filter exit)
RC-45/15 MS	0.45	15	729037		
RC-20/25	0.20	25	729030		
RC-45/25	0.45	25	729031		
<b>Polyamide (PA)/Nylon</b>					
AO-20/3	0.20	3	729010		Filtration of medium polarity sample solutions
AO-45/3	0.45	3	729011		
AO-20/25	0.20	25	729012		
AO-45/25	0.45	25	729013		
<b>Polytetrafluoroethylene (PTFE)</b>					
O-20/3	0.20	3	729014		Filtration of nonpolar sample solutions. Flush with alcohol for polar sample solutions. (MS = minispikes on filter exit)
O-45/3	0.45	3	729015		
O-20/15 MS	0.20	15	729008		
O-45/15 MS	0.45	15	729009		
O-20/25	0.20	25	729007		
<b>Polyvinylidene difluoride (PVDF)</b>					
PVDF-20/15 MS	0.20	15	729043		Filtration of polar and nonpolar solutions (MS = minispikes on filter exit)
PVDF-45/15 MS	0.45	15	729044		
<b>Polyester (PET)</b>					
PET-20/15 MS	0.20	15	729022		Multi-purpose membrane for polar and nonpolar solutions, especially suited for mixtures of water and organic solvents used as eluents in HPLC (MS = minispikes on filter exit)
PET-45/15 MS	0.45	15	729023		
PET-20/25	0.20	25	729021		
PET-45/25	0.45	25	729020		
<b>Glass fibre (GF)</b>					
GF-100/15 MS	1.0	15	729034		For solutions with a high load of particulate matter and highly viscous solutions (MS = minispikes on filter exit)
GF-100/25	1.0	25	729028		
<b>Glass fibre (GF)/Polyester (PET)</b>					
GF/PET-20/25	1.0/0.20	25	729032		For solutions with a high load of particulate matter and highly viscous solutions (MS = minispikes on filter exit)
GF/PET-45/25	1.0/0.45	25	729033		

<sup>1</sup> BIG BOX (400/pk for 25mm filters and 800/pk for 15mm filters) also available – please enquire

<sup>2</sup> 50/pk

<sup>3</sup> Please enquire for ordering information for CHROMAFIL Xtra syringe filters