Micro Separations Syringe Filters

Micro Separations syringe filters are ideal for preparing 1-100 ml samplers prior to chromatography or other instrumental analyses. The Over molded Design for higher operating pressures and fast filtration.

Filter Type Available

- Nylon- Aqueous and organic solutions
- RC- Fast low and flow protein binding
- Hydrophilic PTFE – Aqueous and mild organic solutions
- Hydrophobic PTFE – Organic solvents
- PES- high flow rate, low extractable
- MCE- Biologically inert, widely used membranes in analytical and research applications

Features

- GHPLC certified for Low Extractable
- IC Certified for Low Levels of inorganic Extractable(s)
- Color coding for Easy Identification

Specification

Type	MPXX 13 mm	MPXX 25 mm	MPXX 33 mm
Housing	Polypropylene	Polypropylene	Polypropylene
Filtration area	1.3cm²	4.6cm²	8.1cm²
Maximum pressure	100 psi(6.9 bar)	75 psi(5.2 bar)	75 psi(5.2 bar)
Volume holdup full housing with air purge	50 µl (approx.)	250 µl (approx.)	350 µl (approx.)
Flow direction	Flow should enter from the inlet	Flow should enter from the inlet	Flow should enter from the inlet
Inlet connection	Female luer lock	Female luer lock	Female luer lock
Outlet connection	male luer	male luer	male luer
Sterilization	Autoclave at 121°C (131° C Max) at 15 psi for 20 min	Autoclave at 121°C (131° C Max) at 15 psi for 20 min	Autoclave at 121°C (131° C Max) at 15 psi for 20 min

Ordering Information

Catalogue number	Membrane	Pore size(µm)	Catalogue number	Quantity/Pack	Catalogue number
Microsep-13mm syringe filter-Non sterile			Microsep-25mm syringe filter-Non sterile		Microsep-33mm syringe filter-Non sterile
MPNN-13-02	Nylon	0.22µm	MPNN-25-02	100	MPNN-33-02
MPNN-13-04	Nylon	0.45µm	MPNN-25-04	100	MPNN-33-04
MPPV-13-02	PVDF	0.22µm	MPPV-25-02	100	MPPV-33-02
MPPV-13-04	PVDF	0.45µm	MPPV-25-04	100	MPPV-33-04
MPPT-13-02	PTFE	0.22µm	MPPT-25-02	100	MPPT-33-02
MPPT-13-04	PTFE	0.45µm	MPPT-25-04	100	MPPT-33-04
MPPES-13-02	PES	0.22µm	MPPES-25-02	100	MPPES-33-02
MPPES-13-04	PES	0.45µm	MPPES-25-04	100	MPPES-33-04
MPCA-13-02	CA	0.22µm	MPCA-25-02	100	MPCA-33-02
MPCA-13-04	CA	0.45µm	MPCA-25-04	100	MPCA-33-04