

MGD/X Syringe Filters

The MGD/X range is specifically designed for high particulate loaded samples. Constructed of a pigment –free polypropylene housing with a pre filtration stack of micro separations MGF (micro glass fibre media), these filters eliminate sample contamination and allow you to filter even the most difficult samples with less hand pressure.

Applications

MGD/X Syringe Filters are ideal for heavily particulate laden sample found in:

- ◆ Dissolution testing, Concentration analyses
- ◆ Content uniformity, Routine sample Preparation



Typical data – MGD/X Syringe Filters

	MGD/X 13 mm	MGD/X 25 mm	MGD/X 33 mm
Housing	Polypropylene	Polypropylene	Polypropylene
Filtration area	1.3cm ²	4.6cm ²	8.1cm ²
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
Glass Micro Fibre pre filtration media	100% borosilicate, MGF-1 µm-0.7µm	100% borosilicate, MGF-1 µm-0.7µm	100% borosilicate, MGF-1 µm-0.7µm

Catalogue number	Membrane	Pore size(m)	Catalogue number	Quantity/Pack	Catalogue number
Microsep-13mm syringe filter-Non sterile			Microsep-25mm syringe filter-Non sterile		Microsep-33mm syringe filter-Non sterile
MGDNN-13-02	Nylon	0.2	MGDNN-25-02	100	MGDNN-33-02
MGDNN-13-04	Nylon	0.45	MGDNN-25-04	100	MGDNN-33-04
MGDPV-13-02	PVDF	0.2	MGDPV-25-02	100	MGDPV-33-02
MGDPV-13-04	PVDF	0.45	MGDPV-25-04	100	MGDPV-33-04
MGTPT-13-02	PTFE	0.2	MGTPT-25-02	100	MGTPT-33-02
MGTPT-13-04	PTFE	0.45	MGTPT-25-04	100	MGTPT-33-04
MGDPES-13-02	PES	0.2	MGDPES-25-02	100	MGDPES-33-02
MGDPES-13-04	PES	0.45	MGDPES-25-04	100	MGDPES-33-04
MGDCA-13-02	CA	0.2	MGDCA-25-02	100	MGDCA-33-02
MGDCA-13-04	CA	0.45	MGDCA-25-04	100	MGDCA-33-04