



## MS<sup>®</sup> G-MP syringe filter



### Introduction

MS<sup>®</sup> G-MP syringe filters is designed specially to filter high particulate solutions. With four layers, the first filter is a composite membrane of 10 $\mu$ m glass fiber and 1.0 $\mu$ m PP, the second prefilter is 0.7 $\mu$ m GF/F membrane media, the last one is filtration media as specified. G-MP special membrane materials can eliminate sample contamination and allows you to filter difficult samples with less hand pressure and fast flow rate. They prevent the build up of back pressure typically caused by the blocking of an unprotected membrane.

### Feature

#### Increased volume throughput:

Volume of sample filtered can be three to seven times greater than conventional filters.

#### Superior performance:

Four layers of filtration media reduce blockage and the need to replace the filter in mid-operation.

#### Less hand force required:

The unique pre-filter layer allows high particulate samples to be filtered with less hand force, minimizing operator fatigue.



## Application

- Hard-to-filter samples
- Dissolution testing
- Content uniformity
- Environmental samples
- Composite assays
- Food analysis
- Biofuel analysis

## Technical Specification

<b>Specification</b>	25mm
<b>Filtration Area</b>	4.6cm <sup>2</sup>
<b>Maximum Pressure</b>	75psi(5.2bar)
<b>Materials of construction</b>	Housing: Polypropylene Filtration Media: As specified
<b>Connectors</b>	Inlet: Female Luer Lock (FLL) Outlet: Male Luer (ML)
<b>Flow direction</b>	Flow from inlet to outlet (FLL to ML)

## Order Information

25mm Non-sterile

Catalog No.	Membrane	Pore size(μm)	Package(pcs/pk)
SFNY025022NM	Nylon	0.22	100
SFNY025045NM	Nylon	0.45	100
SFPVDF025022NM	PVDF	0.22	100
SFPVDF025045NM	PVDF	0.45	100
SFPTFE025022NM	PTFE	0.22	100
SFPTFE025045NM	PTFE	0.45	100
SFPES025022NM	PES	0.22	100
SFPES025045NM	PES	0.45	100
SFPP025022NM	PP	0.22	100
SFPP025045NM	PP	0.45	100
SFCA025022NM	CA	0.22	100
SFCA025045NM	CA	0.45	100

**Note: Sterilization is available.**