

FILTERS

Last Drop biocompatible glass mobile phase filters *Low pressure*

SPECS

- Materials
- Body: Glass
- Frit: Glass
- For use with 1/8" tubing

- The solution for biocompatibility and high flowrates
- Easy-push tubing connection

Because it has a glass frit, the flowrate can be much higher with this filter than with PTFE mobile phase filters. The glass foot allows withdrawal of nearly all of the mobile phase – less than 2% is left in the bottle.

Includes 1/8" tubing connector.

Frit material	Pore size	Maximum flow rate *	Product No.
Glass	1.0 - 1.6 µm	30 ml/min	JR-9000-0520B
	10-16 µm	50 ml/min	JR-9000-0526G
	40-100 µm	200 ml/min	JR-9000-0528G

Replacement connectors

For tubing	Size	Qty/pkg	Product No.
1/8" OD	6.8 mm	1	JR-9000-0525GC



No-Met biocompatible mobile phase filters *Low pressure*

SPECS

- Materials
- Body: PTFE/
Polyethylene
- Adapter: PEEK
- Fitting: PEEK
- Ferrule: ETFE
- For use with 1/8" tubing

- Very competitively priced
- Inert and biocompatible
- Replacement filters
- Also recommended for IC

Stainless steel in the flowpath is not acceptable in a growing number of applications involving the separation of biomolecules. High salt buffers can corrode stainless steel, and the metal ions released from metallic filters may contaminate or otherwise react with the biomolecules of interest.

The No-Met polyethylene filter is designed for these applications, with inert polymeric fittings for 1/8" tubing and a 20 µm filter effectively eliminating metal contamination from the fluid path. Use them for IC and biochromatography applications.

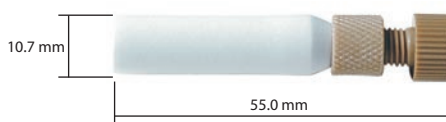
No-Met filters can be used at flow rates up to 500 ml/min, measured with methanol/water (1:1), ultrasonically degassed. Flow rates can vary with solvent and tubing ID.

The economy version can easily be slipped over 1/8" OD tubing, with no fitting required.

Connection	Filter material	Pore size	Maximum flow rate *	Product No.
1/4-28 nut and ferrule	PTFE	5 µm	2.2 ml/min	JR-32171
	Polyethylene	<20 µm	500 ml/min	JR-32178
Economy slip-on connection	Polyethylene	5 µm	300 ml/min	JR-32174

Replacement element

Filter material	Pore size	Maximum flowrate *	Product No.
PTFE	5 µm	2.2 ml/min	JR-32172
Polyethylene	<20 µm	500 ml/min	JR-32179



NOTES

* Flowrate measured with methanol/water (1:1), ultrasonic degassed, helium sparging to prevent regassing.

TECH TIPS

- Because they are hydrophobic, No-Met filters may initially require some priming with methanol or acetonitrile.
- Connect the No-Met filter with 1/8" OD/ 1.59 mm OD tubing:
PFA tubing 9
PTFE tubing 12