

# Filters

## AND MOBILE PHASE FILTERS

Filters trap foreign particulates from sample and mobile phase streams before they can damage valuable columns and instruments.

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#### In-line filter cartridges

*Low pressure*

##### SPECS

- Materials
  - Cartridge: PTFE/CTFE
  - Filter screen: 316 stainless
- 1/4-28 detail
- Dimensions
  - OD 5.20 mm
  - Thickness 2.03 mm
  - Bore 0.8 mm
  - Filter surface diameter 2 mm
- Tolerances
  - ±0.05 mm (.002")

- Easy to replace
- Compact design
- Fit all 1/4-28 fitting details
- Three porosity options

These convenient-to-use filters can be simply dropped into any 1/4-28 fitting detail, such as in a union. The filters are constructed of PTFE and CTFE, with a Type 316 stainless low-pressure-drop screen. The inner design of the cartridge ensures the equal distribution of the solvent to the screen.

Pore size	Maximum flow rate *	Qty/pkg	Product No.
2 µm	30 ml/min	5	JR-CFE-S2-5
10 µm	30 ml/min	5	JR-CFE-S10-5
75 µm	30 ml/min	5	JR-CFE-S75-5



#### NOTES

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

#### TECH TIP

We recommend using these in-line filter cartridges in combination with our low pressure fittings:

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#### DISCLAIMER

The maximum holding pressure for any type of connections involving tubing and a ferrule varies considerably with the tubing material, the ferrule material, the clearance between tubing OD and ferrule ID, and the shape of the fitting detail.

