

## F-4 Series In-line Filter



This filter is designed to be used as a standard in-line filter or it may easily be threaded into a pressure regulator or valve body for inlet protection. If desired, we will install this filter for you into any of our standard pressure control products prior to shipment.

For your special requirements, this filter can be custom manufactured from almost any machinable alloy. Let us know your requirement.

### Features & Specifications

- Compact size
- Economical design
- Easily changed filter elements
- Stainless steel body (316 series) with Teflon® seals
- Nominal micron ( $\mu$ ) ratings of filtration available:
  - 10 $\mu$  sintered 316 stainless steel
  - 20 $\mu$  sintered 316 stainless steel
  - 50 $\mu$  sintered 316 stainless steel
  - 70 $\mu$  sintered 316 stainless steel
  - 100 $\mu$  316 stainless steel mesh
  - 200 $\mu$  316 stainless steel mesh
  - 300 $\mu$  316 stainless steel mesh
- Pressures up to 6,000 psig (41.37 MPa)

### GO Regulator

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filters

# F-4 Series In-line Filter

## How to Order

Part No. 102120-10 Standard filter with 10 micron nominal filtration

If other than the standard 10 micron ( $\mu$ ) filtration is desired, specify by the use of a dash number. For example: 102120-20 for 20 micron sintered 316 stainless steel filtration or 102120-200 for 200 micron stainless steel mesh filtration.

### F4 102120 - 10

#### FILTER STYLE

**102120** Stainless steel, 1/4" FNPT inlet, 1/4" MNPT outlet

#### FILTER RATING

**10** 10 $\mu$  sintered 316 stainless steel  
**20** 20 $\mu$  sintered 316 stainless steel  
**50** 50 $\mu$  sintered 316 stainless steel  
**70** 70 $\mu$  sintered 316 stainless steel  
**100** 100 $\mu$  316 stainless steel mesh  
**200** 200 $\mu$  316 stainless steel mesh  
**300** 300 $\mu$  316 stainless steel mesh

*NOTE: The choices above represent an abbreviated list of the more commonly ordered options. For a complete listing of all available options, please see the Selection Wizard on the GO website at [www.gore.com](http://www.gore.com) or contact the factory.*

## Maximum Temperature & Operating Inlet Pressures

Maximum Temperature	@	Operating Inlet Pressure
450° F (232° C)	@	6,000 psig (41.37 MPa)

## Repair Kit Information

Part Number	Description
100089	Screen filter kit (specify porosity)
G100089-10	10 $\mu$ nominal filtration
G100089-20	20 $\mu$ nominal filtration
G100089-50	50 $\mu$ nominal filtration
G100089-70	70 $\mu$ nominal filtration
G100089-100	100 $\mu$ nominal filtration
G100089-150	150 $\mu$ nominal filtration
G100089-200	200 $\mu$ nominal filtration
G100089-300	300 $\mu$ nominal filtration

## Outline Dimensions

