

# 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 (μ) ratings of filtration available:
  10μ sintered 316 stainless steel
  20μ sintered 316 stainless steel
  50μ sintered 316 stainless steel
  70μ sintered 316 stainless steel
  100μ 316 stainless steel mesh
  200μ 316 stainless steel mesh
  300μ 316 stainless steel mesh
- Pressures up to 6,000 psig (41.37 MPa)



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#### **How to Order**

Part No. 102120-10

Standard filter with 10 micron nominal filtration

If other than the standard 10 micron (μ) 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, ¼" FNPT inlet, ¼" MNPT outlet

- FILTER RATING

10 10μ sintered 316 stainless steel

20µ sintered 316 stainless steel 20

50µ sintered 316 stainless steel

70µ sintered 316 stainless steel

100 100 µ 316 stainless steel mesh

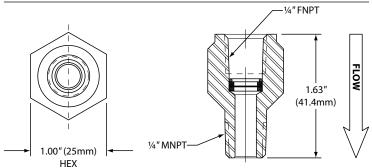
200 200 µ 316 stainless steel mesh

300 300 µ 316 stainless steel mesh

### Maximum Temperature & Operating Inlet Pressures

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

## **Outline Dimensions**



#### Repair Kit Information

- 1-2		
Part Number	Description	
100089	Screen filter kit (specify porosity)	
G100089-10	10μ nominal filtration	
G100089-20	20μ nominal filtration	
G100089-50	50μ nominal filtration	
G100089-70	70μ nominal filtration	
G100089-100	100μ nominal filtration	
G100089-150	150µ nominal filtration	
G100089-200	200µ nominal filtration	
G100089-300	300µ nominal filtration	