

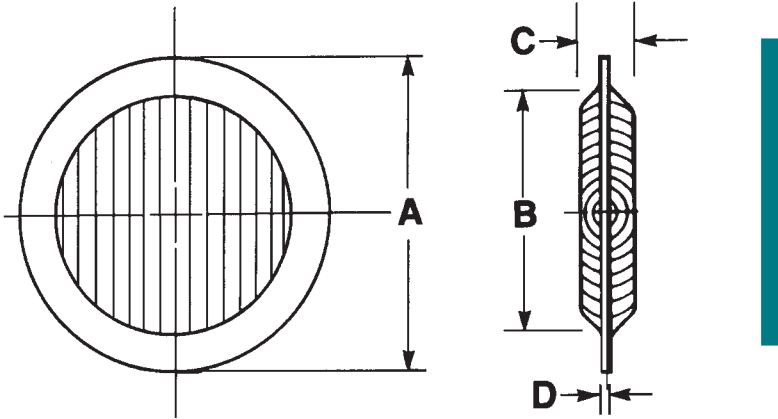
Norman F-4173 Series Filter Discs



NORMAN FILTER COMPANY, L.L.C.
PHONE: 708-233-5521 • FAX: 708-430-5961

Pleated – Recleanable Disc Filters F-4173

Designed to provide a compact, lightweight element for reliable economical filtration protection in various critical areas of a system to remove contaminants which might otherwise clog or damage control components.



Material — 304 Stainless Steel
Operating Pressure — 6000 PSI.
Collapse Pressure — 50 PSID.

HOW TO ORDER

Part Number Designation

F-4173-5-10

Model _____
 Dash No. _____
 Micron Code _____

MICRON RATING

are based on retention of particles whose two smallest dimensions exceed the specified rating.

Dash No.	Dimensions				Effective Area In ²
	A ±.005	B ±.015	C ±.015	D ±.015	
1	.375	.300	.100	.015	.22
2	.500	.420	.150	.020	.66
3	.625	.490	.170	.030	1.00
4	.750	.615	.170	.030	1.60
5	1.000	.875	.170	.030	3.30
6	1.375	1.250	.170	.030	6.60

Micron Code	Micron Rating	
	Nominal	Absolute
2X	2	10
2	2	15
5	5	20
10	10	25
20	20	40
40	40	75
75	75	100
100	100	150
200	200	300





Filter discs offer low-cost “Last Chance” protection for critical components. Place them in front of contaminant-sensitive valves, gauges and orifices, or press-fit them into manifold blocks or pump inlets. They are recommended for protection of intermittently used components such as relief valves. Excellent for high-temperature or corrosive applications. These filter discs can also be used as static mixers.

The unique pleated design provides much greater surface area compared to simple flat filter discs. The continuous strands of woven stainless wire cannot get loose and wash downstream of the filter. Filter discs can be recleaned for virtually unlimited life. Available in sizes from .375 to 1.375 inches in diameter, and in a micron range from 2X to 200µm. All styles in stock for immediate delivery.

Other Uses:

Gas Turbine Engines

Fuels & Lubricants

Refrigeration

Test Stands

Vacuum Inlet to Equipment

Controls to Dynamometers

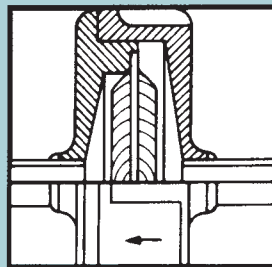
Aircraft Engine Fuel & Air Systems

Fuel & Air Injection

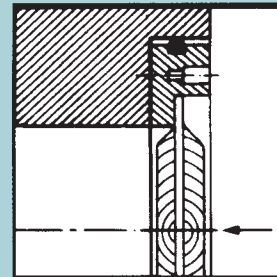
Fire Control Equipment

Electrical Cooling Systems, etc.

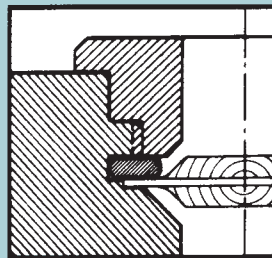
TYPICAL INSTALLATIONS



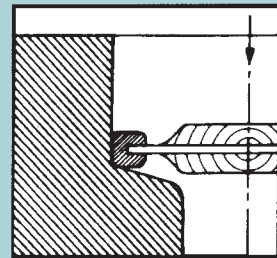
In-Line



Valve Inserts



Breather Cap



Manifold Cavity



Norman Filters Takes the Pressure Off the Oil Industry

Norman Filter Company Offers...

- Large High Pressure Inventory
- *5-10 Day Delivery!*
- 48 Hour Turnaround on Expedited Orders
- Housings Rated to 20,000 psi
- Housing Material:
 - 7075-T651 Alloy
 - 303,304,316, 17-4 Stainless Steel, Monel, Inconel, Hastelloy
- Element Material:
 - Stainless Steel
 - Cellulose
 - Microglass
- Flow Rates
 - 1-50 gpm
 - 0-4,500 scfm



UP TO 20,000 PSI
4500 Series

- Aluminum or Stainless Steel Housings
- Single or Dual Stage
- Stainless, Microfiber or Cellulose Elements
- Flow Rates up to 50 gpm



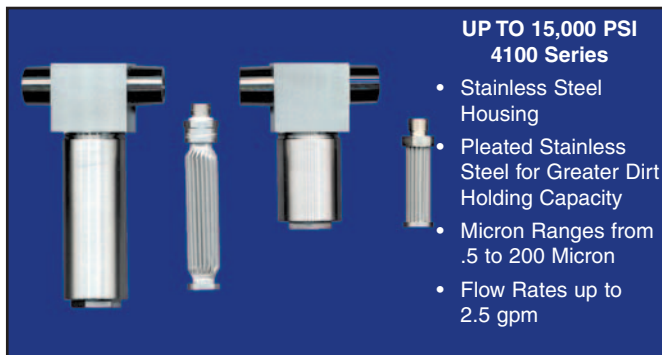
UP TO 10,000 PSI
4300 Series

- 303 Stainless, 316 Stainless, 17-4 Stainless or 7075-T651 Aluminum Alloy
- .2 to 200 Micron
- Flow Rates up to 40 gpm



UP TO 6,000 PSI
4200 Series

- 304 Stainless Steel
- 2X to 200 Microns
- Flow Rates up to 5 gpm



UP TO 15,000 PSI
4100 Series

- Stainless Steel Housing
- Pleated Stainless Steel for Greater Dirt Holding Capacity
- Micron Ranges from .5 to 200 Micron
- Flow Rates up to 2.5 gpm

Applications...

- High Pressure Liquid or Gas Systems
- Test Stands
- Hydraulic Power Units
- Chemical Injection Systems
- Laboratories & Testing Facilities
- Control Panels
- Halon Systems
- Fuel Systems



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