



Toll Free: 866-288-2522

Polymer Filtration



PMF's **SINTERPORE®** laminates and sintered fiber filter media are designed to meet the challenges faced by today's polymer filtration industry. All of our polymer filtration media are designed for the specific requirements of the user's process and product, or their combination.

Selection and optimization of media for a given application can be extremely complex, time consuming, and costly. Some of the factors to consider include:

- Suitable media type
- Efficiency
- Particle size retention
- Configuration of filter and system
- Cleaning process type and costs
- Filter re-use criteria
- Expected filter cycle life
- Total cost
- Supplier knowledge and reliability

Optimization of all these factors will have a tremendous impact on capital and operating costs as well as product quality and market position. **PMF's fundamental understanding of filtration concepts, technologies and the end users basic filtration needs will make that optimization possible.** Specific benefits the user will see are:

- Quality product manufactured
- Consistent performance/results
- Optimum on-stream life
- Optimum operating cost

PMF's **SINTERPORE®** laminates and sintered fiber layups are fabricated into many shapes, used in many applications and can process many different materials.

Typical filter shapes

- Pleated cartridges
- Pleated discs
- Disc filters
- Simple flat sheets/discs



Disc filter

Typical applications

- Recycling packs
- Virgin resin screens
- Food grade screens
- Film applications
- Spin packs and fiber applications



Fiber/mesh composite

Materials Processed

- PET
- PS/PES
- PBT
- PP
- PC
- Nylon 6 and 66
- PE
- Polyurethanes



Filter cartridges

Porous Metal Filters, Inc.
 19994 Hickory Twig Way, Spring TX, 77388
 Toll Free: 866-288-2522 Tel: 281-719-1352 Fax: 281-719-1351
www.pmfiler.net sales@pmfilter.net



Please note technical information subject to change





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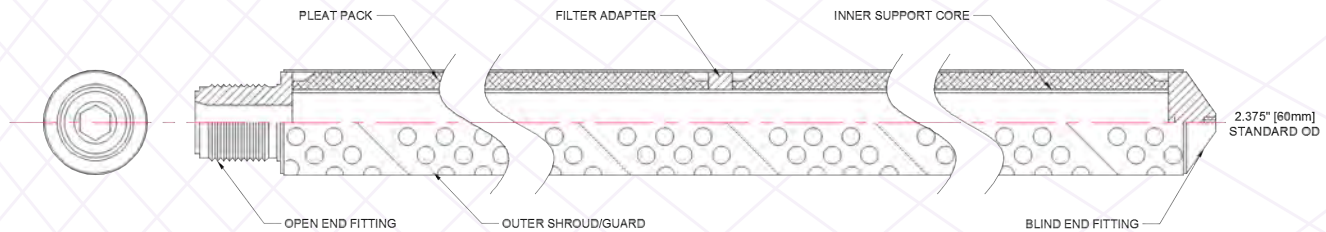
Polymer Metallic Filter Cartridge

What separates a great filter manufacturer from the others?

- Exceptional customer service
- Product quality
- Fast and reliable information
- Professional and positive attitude

We welcome the opportunity to help with your industrial filter needs.

The PMF screen code is illustrated below



Standard Cartridge Order Code

PFC 5 S 10 AF B

316L Media Type

- PFC Sintered Fiber Media, Cylinder
- PFP Sintered Fiber Media, Pleated
- PWC Wire Mesh, Cylinder
- PWP Wire Mesh, Pleated
- PLS Sintered Laminate, Cylinder
- PLP Sintered Laminate, Pleated

Micron Rating

| | | |
|----|----|-----|
| 5 | 40 | 100 |
| 10 | 60 | 150 |
| 20 | 70 | |
| 30 | 80 | |

Fitting Metallurgy

- S 316L
- N Nitronic 60

Elastomers

- B Buna N
- N Neoprene
- V Viton
- E EPDP
- P PTFE

Inlet/Cap Fitting Configuration

- A Female 1" NPT
- B Male 1" NPT
- C Open Gasket Fitting
- D Standard 222 double O-rings
- E Standard 226 double O-rings
- F Blind end

Cartridge Length

- 10 10" - 250 mm
- 20 20" - 500 mm
- 30 30" - 750 mm
- 40 40" - 1000 mm

Custom media, media alloys, fitting configurations, gasket materials and lengths available upon request

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