

Porous Metal Filter Inc.

SinterPore™

Custom Layer Sintered Laminate (CLS)

Porous Metal Filters offers custom designed laminate to meet your specific application needs. Our experience in the field of sintered metallic filter media and process knowledge gives us the leading edge in being a solutions provider. We manufacture lay-ups ranging from 2-1500 layers of wire mesh and other porous materials, available in a wide selection of alloys, which makes PMF a leading source for Custom Sintered Laminate.

Common Stock Laminate:

- Standard 2, 3, and 4 layer *SinterPore™* laminates typically used in the Oil and Gas industry.

Porour Metal Filter <i>S i n t e r P o r e</i>™ Metal Mesh and Premium Sand Control Screens Specification Summary							
PMF Part Number	Nominal Micron Rating	Number of Layers	Thickness (Inches)	Max. Pore Size (Microns)	Nominal Air Permeability SCFM@1" W.C.	Minumum Porosity	Minimum Tensile Strength (lbs force)
F-PMF316L-60-SS3	60 µm	3	0.072	82	410	58%	575/700
F-PMF316L-95-SS3	95 µm	3	0.066	125	400	58%	575/700
F-PMF316L-125-SS3	125 µm	3	0.074	164	500	56%	575/700
F-PMF316L-150-SS4	150 µm	4	0.074	180	600	58%	575/575
F-PMF316L-175-SS4	175 µm	4	0.074	210	750	58%	575/575
F-PMF316L-175-SS2	175 µm	2	0.060	233	550	54%	475/600
F-PMF316L-250-SS4	250 µm	4	0.074	286	850	58%	575/575
F-PMF316L-250-SS2	250 µm	2	0.075	300	525	52%	681/764
F-PMF316L-400-SS4	400 µm	4	0.072	440	850	57%	681/764

Technical Data Subject To Change

• Specifications:

- Standard Sheet Sizes: 18"x48", 24"x48". Custom sizes available upon request. Maximum laminate size without welding is 24"x60" (larger sheets available with welds, maximum panel width with welds 120").
- Standard Alloys: 304, 304L, 316, 316L, Alloy20 (also available in Inconel 600 and 625, Monel, and Hastalloy upon request).

• Features and Benefits:

- Heat and wear resistance
- Cleanability and reusability
- Fixed Pore Geometry
- Robust Non-Compressible Media



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