

Porous Metal Filter Inc.

SinterPore™

Single Layer Sintered Laminate (SLS)

Sintered Wire Cloth has several benefits over non-sintered wire cloth. The most important is that all wire intersections are bonded; making the geometry, pore size and absolute micron rating permanent even under pressure. Sintering also allows material to hold its shape as well eliminate any wires from fraying and entering your process.

- **Applications :**
 - Oil and Gas
 - Waste Water
 - Polymer
 - Pharmaceutical
 - Petrochemical
 - Automotive
 - Food & Beverage
- **Specifications:**
 - Standard Sheet/Roll Sizes: Custom sizes of sheets or rolls available upon request.
 - Standard Alloys: 304, 304L, 316, 316L, Alloy20
 - Also available in Inconel 600 and 625, Monel, and Hastelloy upon request.
 - Available DFARS compliant upon request.
- **Features and Benefits:**
 - Heat resistance
 - Pleatable and Formable
 - Fixed Pore Geometry

Nominal Micron	filter mesh	Weave Type	thickness + /-.003"	permeability l/m ² x sec. (DP= 2 mbar)
2	325x2300	Twill Dutch Weave	0.0035"	180
5	200x1400	Twill Dutch Weave	0.0055"	220
10	165x1400	Twill Dutch Weave	0.0055"	420
20	165x800	Broad Mesh Twilled Dutch Weave	0.0063"	1150
25	80x700	Twill Dutch Weave	0.0102"	700
125	24x110	Plain Dutch Weave	0.034"	630
175	18x210	Twill Dutch Weave	0.037"	360
280	132x16	Reverse Twill Dutch Weave	0.046"	705
300	12x64	Plain Dutch Weave	0.050"	962
Nominal Micron	filter mesh	Weave Type	thickness + /-.003"	Open Area %
40	325x325	Plain Square	0.0028"	29%
60	250x250	Plain Square	0.0032"	37%
80	200x200	Plain Square	0.0042"	34%
100	150x150	Plain Square	0.0052"	36%



Porous Metal Filters Inc.
 19990 Hickory Twig Way Spring, TX 77388
 (Toll Free) 866-288-2522 (Tel.) 281-719-1352 (Fax) 281-719-1351

