

Mott Porous Metal Data Sheet

Media Grade: 10
Type: Rolled Sheet
Alloy: 316LSS
Thickness: 0.062 inches

Issued: 10/10/00
Revision: 1

Manufacturing Specifications

Bubble Point, in. of H₂O 7.5 - 10.9
 Tensile, kpsi 10.5
 Yield Strength, kpsi 7.5

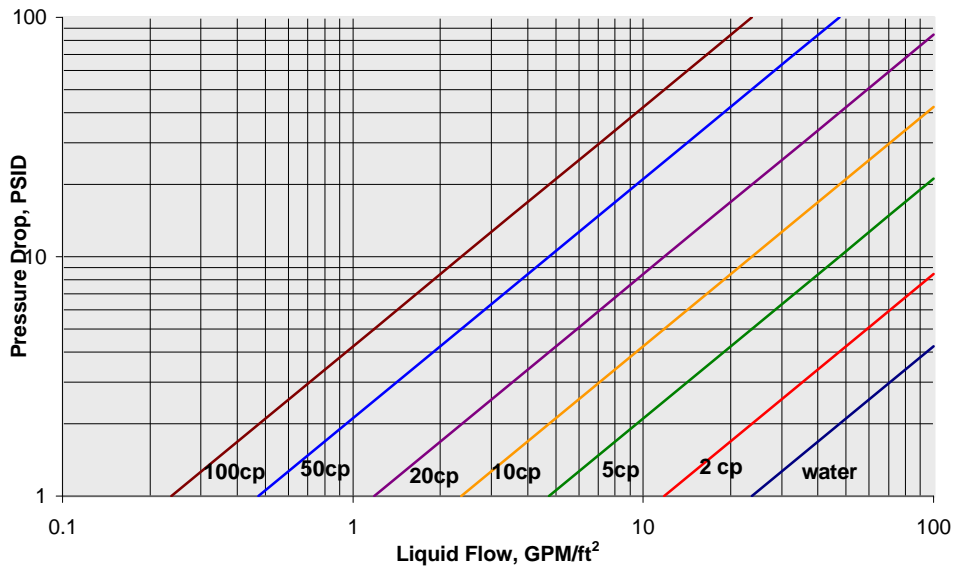
Permeability Coefficient

Liquid, K_L^* 0.7
 Gas, K_G^{**} 5

Liquid: Pressure Drop, psid =
 $(K_L^*)(Flux, \text{gpm}/\text{ft}^2)(Visc, \text{cp})(Thck, \text{in.})$
Gas: Pressure Drop, psid=
 $(K_G^{**})(Flux, \text{acfm}/\text{ft}^2)(Visc, \text{cp})(Thck, \text{in.})$

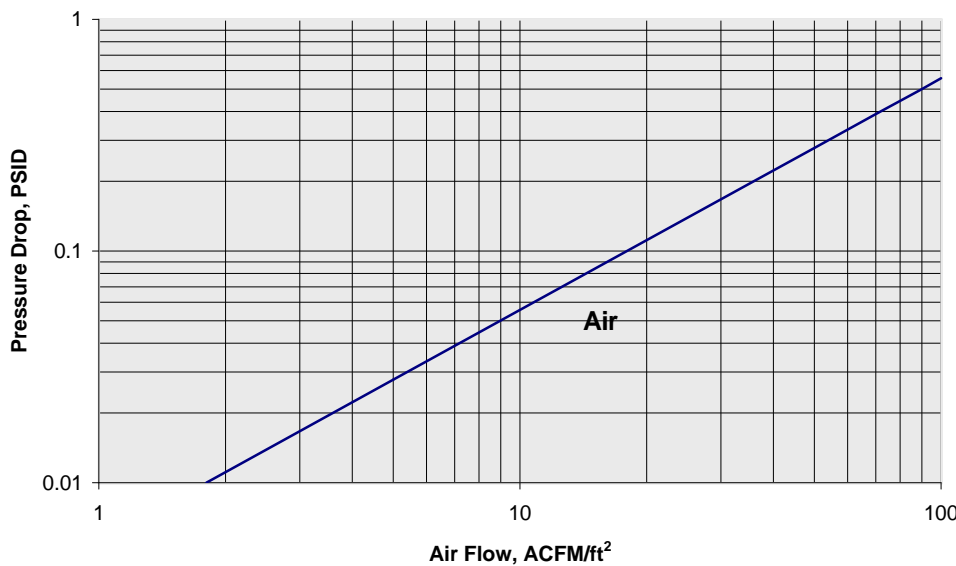
Particle Removal Efficiency

Liquid Efficiency
 90% at 10 μm
 99% at 16 μm
 99.9% at 20 μm
Air Efficiency
 90% at 4.5 μm
 99% at 8 μm
 99.9% at 13 μm



Notes:

- 1- Tests run at 70 °F
- 2- Tests run with water, other curves generated using Liquid Formula



Notes:

- 1 - Tests run at 70 °F
- 2 - Tests run with upstream pressure exhausting to atmosphere

mott corporation
Think of the possibilities

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