

Mott Porous Metal Data Sheet

Media Grade: 5
Type: Rolled Sheet
Alloy: 316LSS
Thickness: 0.062 inches

Issued: 02/20/01

Revision: 2

Manufacturing Specifications

Bubble Point, in. of H₂O 13 - 16.9
 Tensile, kpsi 13.3
 Yield Strength, kpsi 9.2

Permeability Coefficient

Liquid, K_L * 2
 Gas, K_G ** 20

Liquid: Pressure Drop, psid =

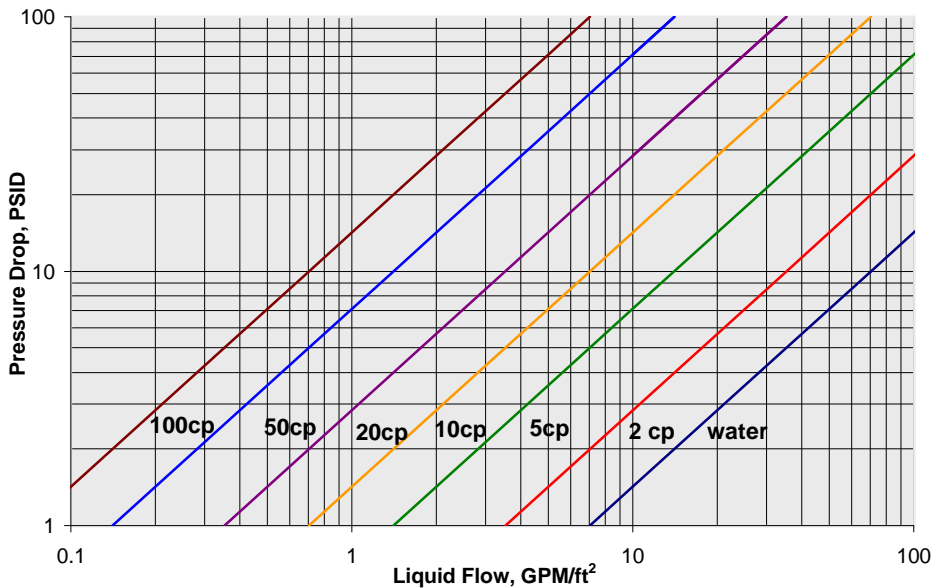
$(K_L^*)(Flux, \text{gpm/ft}^2)(Visc, \text{cp})(Thck, \text{in.})$

Gas: Pressure Drop, psid=

$(K_G^{**})(Flux, \text{acfm/ft}^2)(Visc, \text{cp})(Thck, \text{in.})$

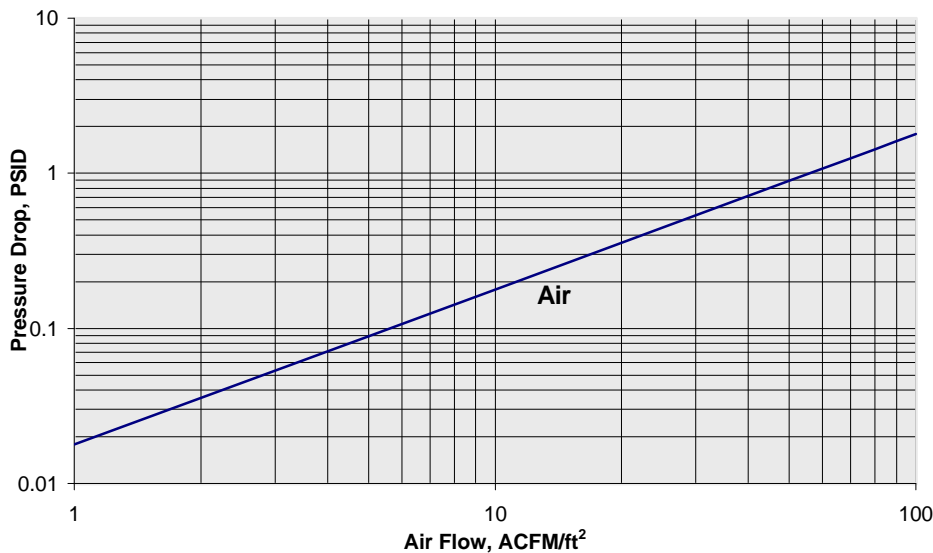
Particle Removal Efficiency

Liquid Efficiency
 90% at 5 μm
 99% at 8 μm
 99.9% at 13 μm
Air Efficiency
 90% at 0.8 μm
 99% at 2 μm
 99.9% at 5 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

84 Spring Lane, Farmington, CT 06032-3159
 860-747-6333 Fax 860-747-6739
www.mottcorp.com