

Mott Porous Metal Data Sheet

Media Grade: 2
Type: Rolled Sheet
Alloy: 316LSS
Thickness: 0.062 inches

Issued: 10/10/00
Revision: 1

Manufacturing Specifications

Bubble Point, in. of H₂O 17 - 24
 Tensile, kpsi 17.7
 Yield Strength, kpsi 13.2

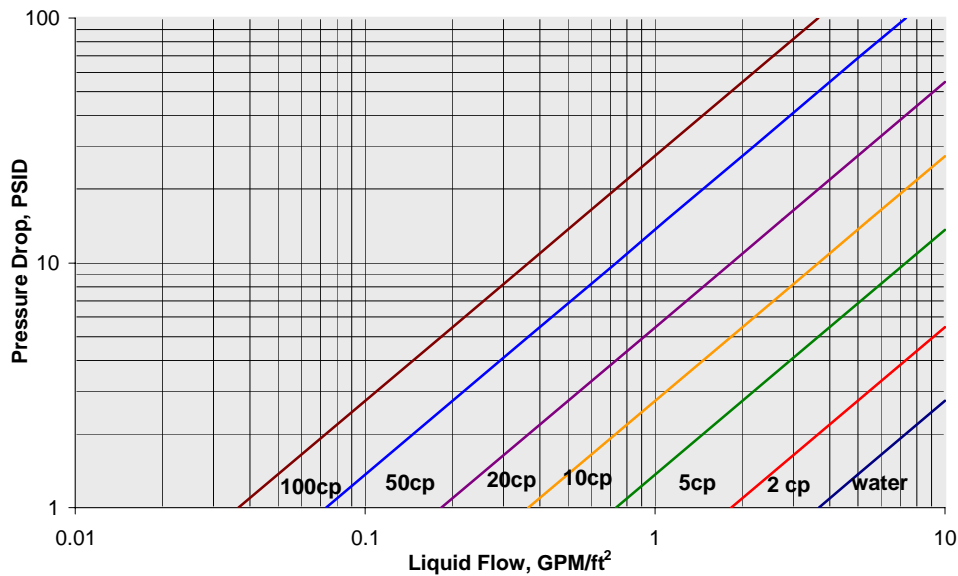
Permeability Coefficient

Liquid, K_L^* 4
 Gas, K_G^{**} 25

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

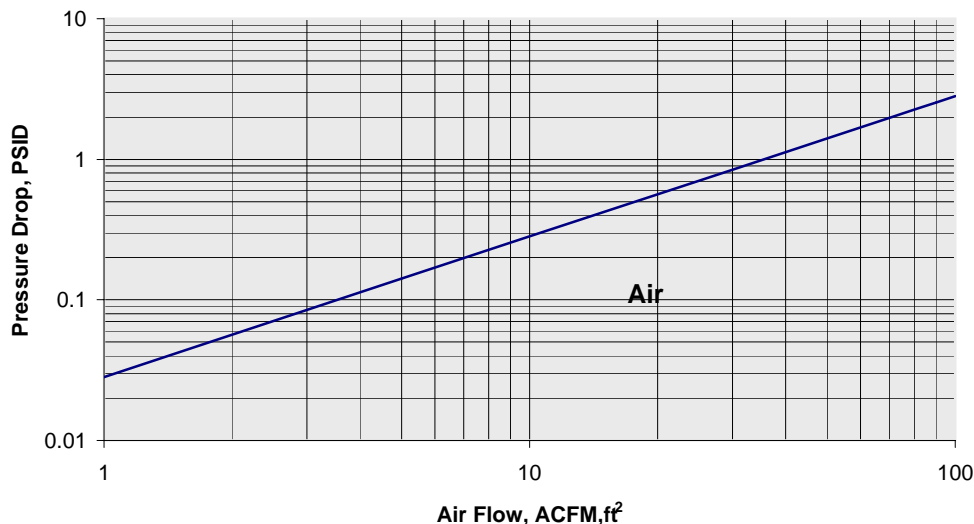
Particle Removal Efficiency

Liquid Efficiency
 90% at 4 μm
 99% at 5.5 μm
 99.9% at 9 μm
Air Efficiency
 90% at 0.3 μm
 99% at 0.6 μm
 99.9% at 2 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

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