

Mott Porous Metal Data Sheet

Media Grade: 1
Type: Rolled Sheet
Alloy: 316LSS
Thickness: 0.047 inches

Issued: 02/20/01
Revision: 2

Manufacturing Specifications

Bubble Point, in. of Hg 2 - 2.5
 Tensile, kpsi 20.5
 Yield Strength, kpsi 17.0

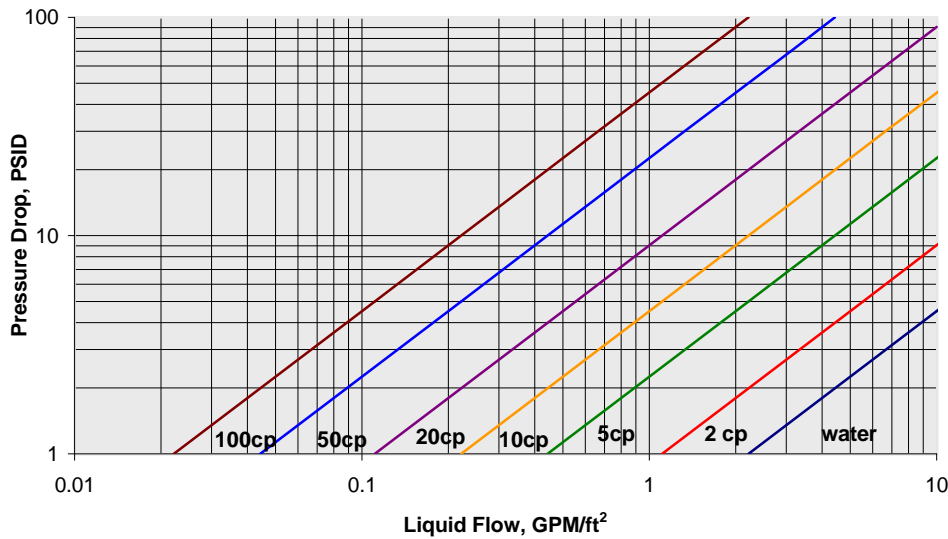
Permeability Coefficient

Liquid, K_L^* 9
 Gas, K_G^{**} 90

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

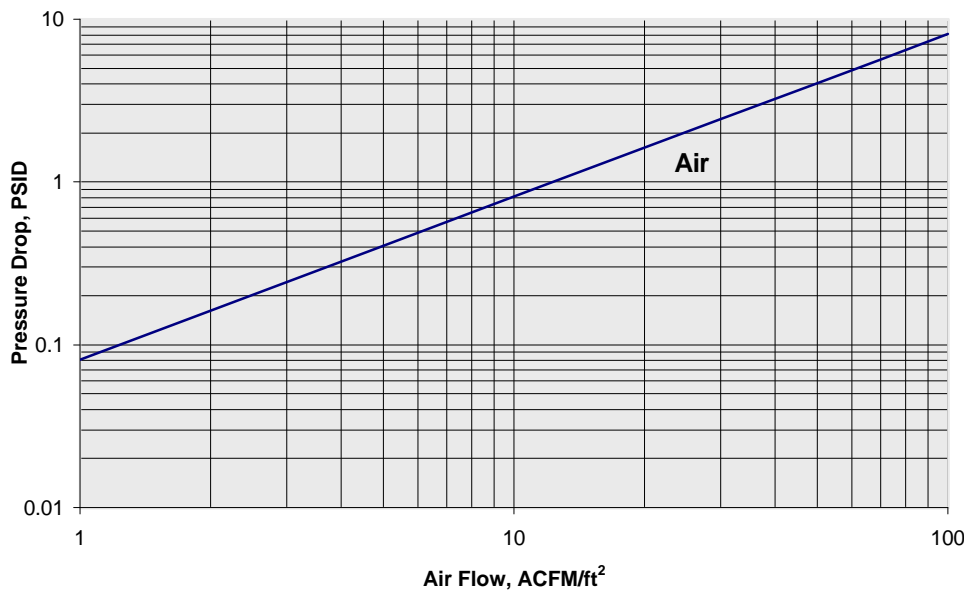
Particle Removal Efficiency

Liquid Efficiency
 90% at 1.5 μm
 99% at 2.2 μm
 99.9% at 3.3 μm
Air Efficiency
 90% > for all particle sizes
 99% at 0.35 μm
 99.9% at 0.7 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