Mott Porous Metal Data Sheet

Media Grade: 10  
Type: Pressed Disc  
Alloy: 316LSS  
Thickness: 0.125 inches  

Issued: 06/25/10

Manufacturing Specifications

Bubble Point, inch water: 7.5 - 10.9
Minimum Tensile, kpsi: 5.0
Yield Strength, kpsi: 3.7
Young's Modulus, x 10⁶ psi: 2.9

Permeability Coefficient

Liquid, K_L: 0.45
Gas, K_G: 7.0

Particle Removal Efficiency

Liquid Efficiency: Testing per ASTM F795
- 90% at 9 µm
- 99% at 14 µm
- 99.9% at 18 µm

Air Efficiency: Tested at flux of 6 acfm/ft²
- 90% at 3.5 µm
- 99% at 6 µm
- 99.9% at 10 µm

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

Flow Characteristics on these data sheets are typical and should be used for general reference only.