Mott Porous Metal Data Sheet

Media Grade: 100 Issued: 06/25/10
Type: Iso Pressed Tube
Alloy: 316LSS
Inside Diameter: 0.314 inches
Outside Diameter: 0.500 inches

Manufacturing Specifications
Bubble Point, inch water | 0.5 - 1.5
Minimum Tensile, kpsi  | 1.2
Yield Strength, kpsi   | 0.9
Young's Modulus, x 10^6 psi | 1.3

Permeability Coefficient
Liquid, K_L | 0.20
Gas, K_G   | 2.8

Particle Removal Efficiency
Liquid Efficiency | Testing per ASTM F795
                   | 90% at 50 µm
                   | 99% at 100 µm
                   | 99.9% at 150 µm

Air Efficiency | Tested at flux of 6 acfm/ft²
                | 90% at 20 µm
                | 99% at 40 µm
                | 99.9% at 100 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.