### Mott Porous Metal Data Sheet

- **Media Grade:** 2  
- **Type:** Iso Pressed Tube  
- **Alloy:** 316LSS  
- **Inside Diameter:** 0.375 inches  
- **Outside Diameter:** 0.500 inches  
- **Issued:** 06/25/10

### Manufacturing Specifications
- **Bubble Point, inch water:** 17.0 - 24.0
- **Minimum Tensile, kpsi:** 11.9
- **Yield Strength, kpsi:** 10.9
- **Young's Modulus, x 10^6 psi:** 5.1

### Permeability Coefficient
- **Liquid, \( K_L \):** 4.9
- **Gas, \( K_G \):** 33

### Particle Removal Efficiency
- **Liquid Efficiency:**
  - 90% at 4 µm
  - 99% at 5.5 µm
  - 99.9% at 9 µm
- **Gas Efficiency:**
  - 90% at 0.3 µm
  - 99% at 0.6 µm
  - 99.9% at 2 µm

### Testing
- **Liquid Efficiency:** Testing per ASTM F795
- **Gas Efficiency:** Tested at 1 gpm/ft²
- **Air Efficiency:** Tested at flux of 6 acfm/ft²

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

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**Liquid: Pressure Drop, psid**

\[
(K_L)(\text{Flux, gpm/ft}^2)(\text{Visc, cp})(\text{Thck, inch})
\]

**Gas: Pressure Drop, psid**

\[
(K_G)(\text{Flux, acfm/ft}^2)(\text{Visc, cp})(\text{Thck, inch})
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**Flow Characteristics on these data sheets are typical and should be used for general reference only.**