**Mott Porous Metal Data Sheet**

**Media Grade:** 10  
**Issued:** 06/25/10

**Type:** Iso Pressed Tube

**Alloy:** 316LSS

**Inside Diameter:** 0.375 inches  
**Outside Diameter:** 0.500 inches

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<td>Young’s Modulus, x 10^6 psi</td>
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<tr>
<td>Young’s Modulus, x 10^6 psi</td>
<td>5.4</td>
<td></td>
</tr>
<tr>
<td>Young’s Modulus, x 10^6 psi</td>
<td>2.9</td>
<td></td>
</tr>
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</table>

### Permeability Coefficient

**Liquid:** Pressure Drop, psid =

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

**Gas:** Pressure Drop, psid =

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

### Particle Removal Efficiency

**Liquid Efficiency**

- 90% at 10 µm
- 99% at 15 µm
- 99.9% at 20 µm

**Air Efficiency**

- 90% at 4.5 µm
- 99% at 8 µm
- 99.9% at 13 µm

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**Notes:**

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

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**Notes:**

1. Tests run with air at 70 °F

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