**Mott Porous Metal Data Sheet**

**Media Grade:** 2  
**Type:** Pressed Disc  
**Alloy:** 316LSS  
**Thickness:** 0.125 inches

**Issued:** 06/25/10

### Manufacturing Specifications

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bubble Point, inch water</td>
<td>17.0 - 24.0</td>
</tr>
<tr>
<td>Minimum Tensile, kpsi</td>
<td>12.8</td>
</tr>
<tr>
<td>Yield Strength, kpsi</td>
<td>7.2</td>
</tr>
<tr>
<td>Young's Modulus, x 10^6 psi</td>
<td>5.1</td>
</tr>
</tbody>
</table>

### Permeability Coefficient

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

### Particle Removal Efficiency

**Liquid Efficiency**  
- 90% at 3.5 µm  
- 99% at 5 µm  
- 99.9% at 8 µm

**Air Efficiency**  
- Tested at flux of 6 acfm/ft²
  
  - 90% at 0.2 µm  
  - 99% at 0.4 µm  
  - 99.9% at 1.3 µm

### Notes:

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

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