**PLEASE NOTE:** Previous ME1 and ME2 element part numbers now obsolete and replaced by 410 and 411 elements respectively.

### TABLE 1 - PRESSURE RATING

<table>
<thead>
<tr>
<th>ELEMENT CODE</th>
<th>MATERIAL</th>
<th>PRESSURE RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>316/316L</td>
<td>STAINLESS</td>
<td>6000 psi</td>
</tr>
<tr>
<td>316/316L</td>
<td>SINTERED STAINLESS</td>
<td>10000 psi</td>
</tr>
<tr>
<td>341</td>
<td>SINTERED STAINLESS</td>
<td>15000 psi</td>
</tr>
</tbody>
</table>

### TABLE 2 - FLOW

<table>
<thead>
<tr>
<th>FLOW CODE</th>
<th>FLOW RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5 gpm</td>
</tr>
<tr>
<td>2</td>
<td>2.5 gpm</td>
</tr>
</tbody>
</table>

### TABLE 3 - FITTING SIZE

<table>
<thead>
<tr>
<th>FITTING CODE</th>
<th>FITTING TYPE</th>
<th>HOUSING CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>4C</td>
<td>1/4&quot; Compression</td>
<td>-1098</td>
</tr>
<tr>
<td>6C</td>
<td>3/8&quot; Compression</td>
<td>-1098</td>
</tr>
<tr>
<td>8C</td>
<td>1/2&quot; Compression</td>
<td>-1098</td>
</tr>
<tr>
<td>2M</td>
<td>1/8&quot; NPT MALE</td>
<td>-1098</td>
</tr>
<tr>
<td>4M</td>
<td>3/8&quot; NPT MALE</td>
<td>-1098</td>
</tr>
<tr>
<td>8M</td>
<td>1/2&quot; NPT MALE</td>
<td>-1098</td>
</tr>
<tr>
<td>6M</td>
<td>1/8&quot; NPT MALE</td>
<td>-1098</td>
</tr>
<tr>
<td>4F</td>
<td>3/8&quot; NPT FEMALE</td>
<td>-1098</td>
</tr>
<tr>
<td>6F</td>
<td>1/2&quot; NPT FEMALE</td>
<td>-1098</td>
</tr>
<tr>
<td>2F</td>
<td>1/8&quot; NPT MALE</td>
<td>-1098</td>
</tr>
<tr>
<td>4F</td>
<td>1/4&quot; NPT MALE</td>
<td>-1098</td>
</tr>
<tr>
<td>6F</td>
<td>3/8&quot; NPT MALE</td>
<td>-1098</td>
</tr>
<tr>
<td>8F</td>
<td>1/2&quot; NPT MALE</td>
<td>-1098</td>
</tr>
</tbody>
</table>

### TABLE 4 - MICRON RATING

<table>
<thead>
<tr>
<th>ELEMENT CODE</th>
<th>MEDIA MATERIAL</th>
<th>ASSEMBLY</th>
<th>MICRON 'X' CODE</th>
<th>ELEMENT CODE</th>
<th>MICRON 'Y' CODE</th>
<th>RATING</th>
<th>ELEMENT 'Z' CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>10A</td>
<td>2X</td>
<td>2</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12A</td>
<td>02</td>
<td>2</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18A</td>
<td>5</td>
<td>5</td>
<td>18</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25A</td>
<td>10</td>
<td>10</td>
<td>25</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40A</td>
<td>20</td>
<td>20</td>
<td>40</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>75A</td>
<td>40</td>
<td>40</td>
<td>75</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100A</td>
<td>75</td>
<td>75</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>200A</td>
<td>100</td>
<td>100</td>
<td>200</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>300A</td>
<td>200</td>
<td>200</td>
<td>300</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Initial efficiency for RMF elements is greater than 98% for all particle sizes.**

### TABLE 5 - COLLAPSE RATING

<table>
<thead>
<tr>
<th>ELEMENT CODE</th>
<th>RATING CODE</th>
<th>RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>V</td>
<td>4500 psi WIRE MESH</td>
<td>4500 psi</td>
</tr>
<tr>
<td>E</td>
<td>4500 psi RMP</td>
<td>4500 psi</td>
</tr>
<tr>
<td>A</td>
<td>300 psi GLASS FIBER</td>
<td>300 psi</td>
</tr>
<tr>
<td>C</td>
<td>3250 psi GLASS FIBER</td>
<td>3250 psi</td>
</tr>
<tr>
<td>F</td>
<td>2000 psi 316 SINTERED</td>
<td>2000 psi</td>
</tr>
</tbody>
</table>

**Table 5 shows collapse ratings for different elements and types.**

### TABLE 6 - O-RING MATERIAL

<table>
<thead>
<tr>
<th>O-RING CODE</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>TEFLON</td>
</tr>
<tr>
<td>M1</td>
<td>TEFLON per AMS 3678C-1-B</td>
</tr>
<tr>
<td>E</td>
<td>EPR</td>
</tr>
<tr>
<td>E1</td>
<td>V138-95</td>
</tr>
<tr>
<td>S</td>
<td>SILICONE</td>
</tr>
<tr>
<td>L</td>
<td>BUNA, 70 DUROMETER</td>
</tr>
<tr>
<td>K</td>
<td>BUNA, 90 DUROMETER</td>
</tr>
<tr>
<td>HNBR</td>
<td>HNBR</td>
</tr>
<tr>
<td>H</td>
<td>4079 KALREZ</td>
</tr>
<tr>
<td>N</td>
<td>VITON</td>
</tr>
<tr>
<td>MN</td>
<td>TEFLON COATED VITON</td>
</tr>
</tbody>
</table>

**Table 6 lists various O-ring materials used for different applications.**

### TABLE 7 - OPTIONAL ACCESSORIES

<table>
<thead>
<tr>
<th>ACC. CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR1</td>
<td>1/8&quot;-27 NPT BOWL DRAIN</td>
</tr>
<tr>
<td>DRC14</td>
<td>1/4&quot; M* BOWL DRAIN</td>
</tr>
</tbody>
</table>

**Table 7 provides a list of optional accessories available.**

### TABLE 8 - ELEMENT

<table>
<thead>
<tr>
<th>ELEMENT CODE</th>
<th>FLOW RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1.5 gpm</td>
</tr>
<tr>
<td>1</td>
<td>2.5 gpm</td>
</tr>
</tbody>
</table>

**Table 8 provides flow rate data for different elements.**

---

*Initial efficiency for RMF elements is greater than 98% for all particle sizes.*
### 41 AND 141 SERIES BOWL DIMENSIONS

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>ØD</th>
<th>L1</th>
<th>L2</th>
</tr>
</thead>
<tbody>
<tr>
<td>MITSL-6K/MITSL-6K-DR1</td>
<td>1.125</td>
<td>3.213</td>
<td>3.413</td>
</tr>
<tr>
<td>MITSL-10K/MITSL-10K-DR1</td>
<td>1.186</td>
<td>4.538</td>
<td>4.738</td>
</tr>
<tr>
<td>MITDL-6K/MITDL-6K-DR1</td>
<td>1.125</td>
<td>3.213</td>
<td>3.413</td>
</tr>
<tr>
<td>MITDL-10K/MITDL-10K-DR1</td>
<td>1.186</td>
<td>4.538</td>
<td>4.738</td>
</tr>
</tbody>
</table>

### 41 AND 141 SERIES PORTED HEAD DIMENSIONS

<table>
<thead>
<tr>
<th>FITTING CODE (FROM TABLE 3)</th>
<th>X1</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR-1</td>
<td>1/8&quot;-27 NPT</td>
</tr>
<tr>
<td>DRCT-4</td>
<td>1/4&quot; MEDIUM PRESSURE*</td>
</tr>
</tbody>
</table>

*Available for 341 series only; see MP Ports drawing for dimensions

### TABLE A - BOWL DRAIN

<table>
<thead>
<tr>
<th>&quot;DRX&quot; DRAIN CODE</th>
<th>PORT TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR-1</td>
<td>1/8&quot;-27 NPT</td>
</tr>
<tr>
<td>DRCT-4</td>
<td>1/4&quot; MEDIUM PRESSURE*</td>
</tr>
</tbody>
</table>

---

**Do Not Scale Drawing**

**Unless otherwise specified, dimensions are in Inches**

**Tolerances On:**
- 2 Place Decimal: ±0.01
- 3 Place Decimal: ±0.005
- Angular: ±0.5º

**Part To Be Free Of Burs**

**Remove Sharp Edges (Fillet 0.005" - 0.020") Measurement Not Required**

**Surface Finish 125 Ra Unless Noted; Visual Inspection Only Required**

**If Part Revision Is Not Specified, Part Rev. Matches Drawing Rev.**

**NFC Workmanship Standard DM07-24 Applies**

---

**Norman Filter Company**

**Phone (708) 430-4000 - Fax (708) 430-5961**

**9850 South Industrial Drive - Bridgeview, IL 60455**

**Cage Code Size 59165**

**Dwg No. 4100**

**Size A3**

---

**Mini T 4100 Assembly**

**Part Number: Tabulated**

**Scale 1:1**

**Sheet 2 of 4**
## BILL OF MATERIALS

### TABLE B - O-RING MATERIAL

<table>
<thead>
<tr>
<th>FILTER ASSEMBLY CODE</th>
<th>MATERIAL</th>
<th>O-RING PART # CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>TEFLON</td>
<td>01</td>
</tr>
<tr>
<td>M1</td>
<td>TEFLON per AMS 3678C-1-B</td>
<td>02</td>
</tr>
<tr>
<td>E</td>
<td>EPR</td>
<td>03</td>
</tr>
<tr>
<td>E1</td>
<td>V138-95</td>
<td>04</td>
</tr>
<tr>
<td>S</td>
<td>SILICONE</td>
<td>05</td>
</tr>
<tr>
<td>L</td>
<td>BUNA, 70 DUROMETER</td>
<td>06</td>
</tr>
<tr>
<td>K</td>
<td>BUNA, 90 DUROMETER</td>
<td>07</td>
</tr>
<tr>
<td>HNBR</td>
<td>HNBR</td>
<td>15</td>
</tr>
<tr>
<td>H</td>
<td>4079 KALREZ</td>
<td>16</td>
</tr>
<tr>
<td>N</td>
<td>VITON</td>
<td>18</td>
</tr>
<tr>
<td>MN</td>
<td>TEFLON COATED VITON</td>
<td>18-01</td>
</tr>
</tbody>
</table>

### TABLE C - FILTER BOWL CODE

<table>
<thead>
<tr>
<th>FLOW RATE 'X' CODE</th>
<th>FLOW RATE (gpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 gpm</td>
<td>S</td>
</tr>
<tr>
<td>2.5 gpm</td>
<td>D</td>
</tr>
</tbody>
</table>

### TABLE D - COMPRESSION FITTING SLEEVE AND NUT KITS

<table>
<thead>
<tr>
<th>FITTING CODE</th>
<th>COMPRESSION NUT</th>
<th>SLEEVE SET PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>4C</td>
<td>DNA-4-SS</td>
<td>DOS-4-SS</td>
</tr>
<tr>
<td>6C</td>
<td>DNA-6-SS</td>
<td>DOS-6-SS</td>
</tr>
<tr>
<td>8C</td>
<td>DNA-8-SS</td>
<td>DOS-8-SS</td>
</tr>
</tbody>
</table>

### BILL OF MATERIALS

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>DESCRIPTION</th>
<th>PART #</th>
<th>MATERIAL</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HEAD, FILTER</td>
<td>MITXX</td>
<td>SHEET 1, TABLE 3</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>O-RING, HOUSING</td>
<td>5119XX</td>
<td>SHEET 4, TABLE B</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>ELEMENT, FILTER</td>
<td>41XX-XXX</td>
<td>SHEET 1, REPLACEMENT ELEMENT</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>O-RING, ELEMENT</td>
<td>5903XX</td>
<td>SHEET 4, TABLE B</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>BOWL, FILTER</td>
<td>MITXL-6K</td>
<td>SHEET 4, TABLE C AND SHEET 1, TABLE 7</td>
<td>1</td>
</tr>
</tbody>
</table>

### EXAMPLE FROM SHEET 1 CONT.

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>DESCRIPTION</th>
<th>PART #</th>
<th>MATERIAL</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HEAD, FILTER</td>
<td>MIT8P</td>
<td>SHEET 1, TABLE 3</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>O-RING, HOUSING</td>
<td>511906</td>
<td>SHEET 4, TABLE B</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>ELEMENT, FILTER</td>
<td>410R-5EL</td>
<td>SHEET 1, REPLACEMENT ELEMENT</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>O-RING, ELEMENT</td>
<td>590306</td>
<td>SHEET 4, TABLE B</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>BOWL, FILTER</td>
<td>MITXL-6K-DR1</td>
<td>SHEET 4, TABLE C AND SHEET 1, TABLE 7</td>
<td>1</td>
</tr>
</tbody>
</table>