## Tubing

### Benchtop Tubing Cutter

**Steel blade makes right-angle cuts in several sizes of Masterflex tubing:**
- C/L® 2.06 mm, 2.79 mm OD
- L/S® sizes 13, 14, 15, 16, 17, 18, 24, 25, 35, 36
- I/P® sizes 26, 73

**GH-06438-10 Benchtop tubing cutter**

### Tubing Formulations

<table>
<thead>
<tr>
<th>Pump tubing formulation</th>
<th>Description</th>
<th>Compatible pump head</th>
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</thead>
</table>
| Tygon® E-LFL            | - Complies with USP Class VI, EP, FDA, EU Food, REACH, RoHS, ABCF  
                        | - Longest life of all Tygon formulations  
                        | - Broad chemical resistance  
                        | - Nontoxic, will not affect taste or odor | ✓ Easy-Load® |
|                         | ✓ Standard  
|                         | GH-06440-26  
|                         | GH-06440-73  
|                         | GH-06440-82  
| Tygon® E-Food (E-44-4X) | - Complies with FDA, EU Food, NSF, 3A, REACH, RoHS, ABCF  
                        | - Smooth inner surface unaffected by commercial sanitizers  
                        | - Ideal for general transfer applications  
                        | - Nonaging, nonoxidizing, low gas permeability | ✓ Easy-Load |
|                         | ✓ Standard  
|                         | GH-06418-26  
|                         | GH-06418-73  
|                         | GH-06418-82  
| Tygon® E-Lab (E-3603)   | - Complies with USP Class VI, FDA, EU Food, NSF, REACH, RoHS, ABCF  
                        | - Ideal for general transfer applications  
                        | - Nonaging, nonoxidizing, low gas permeability | ✓ Easy-Load |
|                         | ✓ Standard  
|                         | GH-06509-26  
|                         | GH-06509-73  
|                         | GH-06509-82  
| Tygon Fuel & Lubricant (F-4040-A) | - Complies with REACH, RoHS, ABCF  
                        | - Specially formulated to transport hydrocarbons, petroleum products, distillates  
                        | - Very low gas permeability | ✓ Easy-Load |
|                         | ✓ Standard  
|                         | GH-06401-26  
|                         | GH-06401-73  
|                         | GH-06401-82  
| Tygon Chemical (2001)   | - Complies with FDA 21 CFR 175.300, REACH, RoHS, ABCF  
                        | - Best chemical resistance of any Tygon formulation  
                        | - Plasticizer-free and low gas permeability | ✓ Easy-Load |
|                         | ✓ Standard  
|                         | GH-06475-26  
|                         | GH-06475-73  
|                         | GH-06475-82  
| Norprene® (A-60 G)      | - Complies with NSF, REACH, RoHS  
                        | - Up to 10,000 hours of tubing life  
                        | - Best choice for pressure/vacuum applications | ✓ Easy-Load |
|                         | ✓ Standard  
|                         | GH-06404-26  
|                         | GH-06404-73  
|                         | GH-06404-82  
| Norprene Food (A 60 F)  | - Complies with FDA, 3A, NSF, REACH, RoHS  
                        | - Ideal for high-temperature food applications  
                        | - Resists heat, ozone, acids, and alkalis | ✓ Easy-Load |
|                         | ✓ Standard  
|                         | GH-06402-26  
|                         | GH-06402-73  
|                         | GH-06402-82  
| Viton®                  | - Complies with FDA, ABCF  
                        | - Perfect where FDA and chemical compatibility are needed  
                        | - Resists corrosives, solvents, and oils at elevated temperatures | ✓ Easy-Load |
|                         | ✓ Standard  
|                         | GH-96412-26  
|                         | GH-96412-73  
|                         | —  

*Tubing size* | I/P 26 | I/P 73 | I/P 82 |
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<tbody>
<tr>
<td>Inner diameter</td>
<td>6.4 mm (0.25&quot;)</td>
<td>9.5 mm (0.37&quot;)</td>
<td>12.7 mm (0.5&quot;)</td>
</tr>
<tr>
<td>Hose barb size</td>
<td>6.4 mm (¼&quot;)</td>
<td>9.5 mm (⅛&quot;)</td>
<td>12.7 mm (⅜&quot;)</td>
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<tr>
<td>Flow range (approximate)*</td>
<td>0.01 to 4 LPM 0.002 to 1.1 GPM</td>
<td>0.01 to 8 LPM 0.002 to 2.1 GPM</td>
<td>0.02 to 13 LPM 0.005 to 3.5 GPM</td>
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†Determined under the following conditions: Using a 1 to 650 rpm drive; 0 psi at inlet, 0.5 psi at outlet; water temperature at 22°C (72°F).

### Overlook Filler/Dispensing Nozzles

- Maximize the speed, precision, and accuracy of dispensing and filling applications
- Minimize splashing and dripping when dispensing into narrow- or wide-mouth containers
- Dimensional tolerances of ±0.05% for assured repeatability