The industry leading beverage dispensing hose and tube from Eaton, Taste Rite™, just got better with the introduction of Flavor Shield. Flavor Shield hose and tubing products feature a modified PET barrier bonded to a special polyolefin alloy which provides maximum flexibility and ease of installation. This modified PET contact layer offers a mirror smooth, non-porous contact surface which enables maximum flushability and minimizes microbial growth. It also provides flavor integrity and significantly reduces the potential for pungent flavor migration and external contamination. In addition, this barrier construction provides optimal resistance to carbon dioxide, nitrogen, oxygen, and mixed gas permeations. These new engineering developments make Flavor Shield the most versatile PET beverage dispensing product in the industry.

Features and Benefits

- Superior surface contact smoothness
- Optimal resistance to carbon dioxide, nitrogen, oxygen, and mixed gas permeation
- Minimal potential for flavor migration
- Greatly enhanced hose to fitting interface
- Minimized microbial growth potential
- Can be thermoformed to increase routing efficiency and reduce fitting use
- Breakthrough polymer chemistry significantly reduces delamination concerns

Test Qualifications and Temperature

- NSF-51
- NSF-61
- Temperature Range: 10°F to 150°F (-23°C to 65°C)
- Major soft drink manufacturer approved
- RoHS compliant components
- Available for shipment from the Eaton Aurora, OH facility for resistant tubing
# Flavor Shield 37FS PET Barrier Hose

<table>
<thead>
<tr>
<th>Hose Part Number</th>
<th>Nominal I.D. (in mm)</th>
<th>Nominal O.D. (in mm)</th>
<th>Min. Bend Radius (in mm)</th>
<th>Max. Working Pressure @ 72 °F (psi)</th>
<th>Weight Per 100 ft Length (lbs kg)</th>
<th>Standard Length (ft m)</th>
<th>Clamp Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>37FS-31003</td>
<td>0.265</td>
<td>0.420</td>
<td>1.3</td>
<td>33.0</td>
<td>250 17.2</td>
<td>3.6 1.63</td>
<td>300 91.44</td>
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<td>37FS-31004</td>
<td>0.265</td>
<td>0.420</td>
<td>1.3</td>
<td>33.0</td>
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<td>500 152.40</td>
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<td>37FS-41003</td>
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<td>0.535</td>
<td>2.3</td>
<td>58.4</td>
<td>200 13.8</td>
<td>4.6 2.10</td>
<td>300 91.44</td>
</tr>
<tr>
<td>37FS-41004</td>
<td>0.380</td>
<td>0.535</td>
<td>2.3</td>
<td>58.4</td>
<td>200 13.8</td>
<td>4.6 2.10</td>
<td>500 152.40</td>
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<tr>
<td>37FS-61003</td>
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<td>6.2 2.81</td>
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</table>

# Flavor Shield 42FS PET Barrier Tubing

<table>
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<th>Nominal I.D. (in mm)</th>
<th>Nominal O.D. (in mm)</th>
<th>Min. Bend Radius (in mm)</th>
<th>Max. Working Pressure @ 72 °F (psi)</th>
<th>Weight Per 100 ft Length (lbs kg)</th>
<th>Standard Length (ft m)</th>
<th>Clamp Size (mm)</th>
</tr>
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<tbody>
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<td>38.1</td>
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<td>95 6.6</td>
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<td>42FS-10004</td>
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<td>76.2</td>
<td>75 5.2</td>
<td>4.5 2.04</td>
<td>500 152.40</td>
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</tbody>
</table>

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