Think of our new polypropylene as an upgrade to polyethylene.

Polypropylene is lighter than LDPE. In fact, it is the lightest resin material we use for our tubing products. But don't mistake lightweight for weak. This tubing is strong. While many suppliers of polypropylene use a homopolymer grade, Freelin-Wade chose to use a co-polymer resin which exhibits higher impact and stress crack resistance. Thus, even in harsh environments where other polypropylene tubing may have failed, ours may provide you with longer life.

A possible alternative to fluoropolymers.

Possibly the biggest selling point is how this economical material holds up to heat and cold. You can use our polypropylene in places you never thought a low-cost tube could perform.

Although polypropylene wouldn't be considered to have “excellent” coil memory, you can recommend this material in a coil form to meet specific needs, such as FDA compliance or for chemical resistance/moisture absorption. We would rarely offer LDPE as a coil solution.

Call us to learn more:
888-373-9233 or visit www.freelin-wade.com

Specifications

Temperature Range: 
-40˚F to +180˚F
±0.034"

Diameter Tolerances:
None

Working Pressure:
4:1 Safety Factor

Base Resin Compliance:
FDA Food Contact 177.1520(c)(3.1a)(3.2a)

Recommended Fittings:
Push-In and Compression

Polypropylene

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Packaging Unit Size</th>
<th>O.D.</th>
<th>I.D.</th>
<th>Wall</th>
<th>Working Pressure @72˚F/22˚C</th>
<th>Bend Radius</th>
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<tbody>
<tr>
<td>1J-051-10</td>
<td>100' Bag</td>
<td>1/4&quot;</td>
<td>0.170&quot;</td>
<td>.040&quot;</td>
<td>325 PSI</td>
<td>1 1/4&quot;</td>
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<td>1A-051-10</td>
<td>1000' Reel</td>
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<tr>
<td>1J-052-10</td>
<td>100' Bag</td>
<td>3/8&quot;</td>
<td>1/4&quot;</td>
<td>.063&quot;</td>
<td>350 PSI</td>
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<tr>
<td>1J-053-10</td>
<td>100' Bag</td>
<td>1/2&quot;</td>
<td>3/8&quot;</td>
<td>.063&quot;</td>
<td>250 PSI</td>
<td>3 1/4&quot;</td>
</tr>
</tbody>
</table>

Variations Available:
Coiling • Cutting • Colors • Packaging • Jacketing

* Other sizes and black will join the offering soon.