Polyethylene-Lined EVA
Co-Extruded Tubing of Polyethylene & EVA
Made from Class VI, FDA-sanctioned ingredients for use with food and beverage contact surfaces
- Natural translucent color for visual contact with the flow
- Remains flexible at temperatures from -29°F to 160°F
- Non-toxic; odorless, tasteless, and inert
- Remains pliable even after extended contact with alcohol
- Good weatherability properties — resists gases and moisture
- Low friction coefficient and good general chemical resistance

Notes
PE-LINED EVA (Ethylene Vinyl Acetate) tubing is designed for use where cleanliness and flexibility are required. It offers good general chemical resistance and non-toxicity. A co-extruded product, PE-LINED EVA is made of a low density polyethylene liner with an EVA outer jacket. It is manufactured in a patented process (Patent No. 4061461) to ensure the highest bond quality possible.

For working temperatures up to 180°F and greater stress resistance, ask about irradiated PE-LINED EVA tubing.

Physical Properties**

<table>
<thead>
<tr>
<th>Properties</th>
<th>PE Core</th>
<th>EVA Cover</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness, Shore D</td>
<td>50</td>
<td>80</td>
</tr>
<tr>
<td>Hardness, Shore A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tensile Strength, psi</td>
<td>2100</td>
<td>1500</td>
</tr>
<tr>
<td>Elongation at Break, %</td>
<td>550</td>
<td>750</td>
</tr>
<tr>
<td>Brittle Temperature, °F</td>
<td>-29</td>
<td>-159</td>
</tr>
<tr>
<td>Max. Operating Temp., °F</td>
<td>160</td>
<td>160</td>
</tr>
<tr>
<td>Color</td>
<td>Translucent</td>
<td>Translucent</td>
</tr>
</tbody>
</table>

**Values listed are typical for the material used in manufacture, except where noted, and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.

Recommended Fittings & Clamps
- Newloc® push-to-connect fittings
- Thermobarb® barbed fittings
- Oetiker® ear type clamps
- Kwik Clamp™ nylon double bond hose clamps
- Worm gear clamps

Recommended Fittings & Clamps

Call for more information
800-506-3924

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- Size
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