

<b>Material Technology</b>	<h2 style="color: red;">Sealants / Bonding</h2>
<b>Materials</b>	<p>Polyethylene and polypropylene are resistant to solvents and will not chemically bond to each other or to other plastics or metals. Adequate mechanical bonds may sometimes be obtained with the following sealants:</p>
<a href="#">Porous</a>	<p><b>PVC &amp; ABS Cement:</b> This common cement mechanically bonds porous polyethylene or polypropylene to solvent sensitive plastics such as PVC, styrene or ABS in applications where minimal to moderate pressure or stress will be encountered.</p>
<a href="#">Fiber</a>	<p><b>Two-Part Epoxy Systems:</b> This system can be used to bond porous plastics to metal. It is the strongest of the mechanical bond systems.</p>
<a href="#">▼ Technical Info</a>	<p><b>Silicone Sealant:</b> This material normally yields a very good seal under low to moderate stress, but the mechanical bond is not as strong as the above methods. It is adequate for bonding porous plastic to other porous media and possibly metals. It is not recommended for bonding to solid polyolefins such as polyethylene or polypropylene.</p>
<a href="#">Properties</a>	<p><i>The above mentioned methods are dependent on the sealant material to penetrate into the pores of the porous plastic.</i></p>
<a href="#">Assemblies</a>	<p><b>It Is Important To Note . . .</b></p>
<a href="#">Chemical Resistance</a>	<p><i>Forex cannot anticipate or control the conditions under which the technical data and products may be used. Forex does not guarantee the applicability or accuracy of the information or the suitability of our products in any given situation. Unless otherwise noted, the data on service temperatures; softening and melting points; solvent resistance; coefficient of thermal expansion and tensile strength are for the polymer in solid form. All of these properties will be lower from the porous form of the polymer. Users should make their own tests to determine the suitability of each product for their particular application. The products discussed are sold without such warranty, either expressed or implied. Statements concerning the possible use of Forex products are not intended as recommendations or infringement of any patent.</i></p>
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