TEMPORARY RUBBER LUBRICANTS

The safe, easy, inexpensive way to improve production and assembly operations involving rubber and soft plastic parts!

Water-Based • Non-Toxic • Non-Flammable • Ready to Use

P-80® - the "Product of Choice" for installation and assembly of rubber parts!

What are P-80® Temporary Rubber Lubricants?

P-80® Lubricants are unique assembly aids. They are specifically formulated to provide temporary lubrication that makes rubber easy to install, remove, or otherwise manipulate. P-80’s temporary nature is a result of its chemical composition. The lubricants provide a high degree of lubricity when wet, but because they do not contain any silicon or other persistent ingredients, once dry the slipping action goes away. P-80® products are also free of petroleum distillates, so they will not dry, crack or otherwise harm rubber parts. P-80® is compatible with most metals, plastics, and natural and synthetic elastomers. Also available in incidental food contact formulas!

P-80® THIX, P-80® Emulsion and P-80® RediLube are biodegradable.

P-80® available in resealable 10 mL tubes!

REQUEST A FREE SAMPLE AT WWW.IPCOL.COM

P-80® products have been proven effective for a wide range of assembly operations involving:

- Boots
- Bumpers
- Bushings
- Diaphragms
- Foam grips
- Grommets
- Hoses
- Insulators
- Mounts
- O-rings
- Plugs
- Rubber moldings
- Seals
- Sleeves
- Tires
- Rubber washers
- Wire harnesses

...And hundreds of other rubber and soft plastic parts.

International Products Corporation

Manufacturing Specialty Cleaners and Lubricants since 1923

For Sales and Service in Europe:
Unit 5, Green Lane Business Park • 238 Green Lane • London SE9 3TL
Email: saleseurope@ipcol.com • Phone: 0208-857-5678 • Fax: 0208-857-1313

For Sales in the U.S.:
201 Connecticut Drive • Burlington, NJ 08016 • USA
Email: mkt@ipcol.com • Phone: 609-386-8770 • Fax: 609-386-8438
Use P-80® to help:

- Avoid musculoskeletal and slippage related injuries
- Increase production rates
- Achieve closer fits
- Reduce Rejects
- Improve product performance
- Reduce installation force

ABOUT THE LUBRICANTS

**P-80® Emulsion:** "The Original." A biodegradable blend of synthetic esters and water. P-80® Emulsion provides a thin film of lubrication to significantly reduce friction.

**P-80® THIX:** A biodegradable, non-drip thixotropic gel that is ideal for overhead and vertical assembly operations. Provides excellent lubrication.

**P-80® Grip-it:** A quick-drying, water-based surfactant mixture that dries tacky to help parts stay in place. Excellent for use on pressure-tested hoses.

**P-80® RediLube:** A biodegradable, low-residue lubricant designed for use on non-porous and coated rubber surfaces. Lubricates well but dries quickly and completely.

**P-80® Emulsion IFC & P-80® THIX IFC:** Have the same lubricating properties as P-80® Emulsion and P-80® THIX, but are formulated for use on parts that may come in contact with food. Typical applications include assembly of appliances, pumps, and food-processing equipment. P-80® IFC Temporary Rubber Lubricants are registered with NSF for use in USDA H1 applications and meet FDA regulation 21 CFR 178.3570, which controls lubricants in contact with food surface areas.

The chart below is designed to assist in determining the best P-80® for different applications. For most applications, the lubricants can be used interchangeably depending on the preference of the user.

<table>
<thead>
<tr>
<th></th>
<th>INDUSTRIAL LUBRICANTS</th>
<th>INCIDENTAL FOOD CONTACT LUBRICANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>P-80® Emulsion</strong></td>
<td><strong>P-80® THIX</strong></td>
</tr>
<tr>
<td><strong>Viscosity Index, cps @25°C</strong></td>
<td>150</td>
<td>12,000</td>
</tr>
<tr>
<td><strong>Biodegradable</strong></td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Reduction of Friction</strong></td>
<td>~70%</td>
<td>~70%</td>
</tr>
<tr>
<td><strong>Estimated minimum dry time</strong></td>
<td>1 hour</td>
<td>2 hours</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>8.4</td>
<td>8.5</td>
</tr>
<tr>
<td><strong>Appearance</strong></td>
<td>Milky white to beige</td>
<td>White to beige gel</td>
</tr>
</tbody>
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