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***PRODUCT BULLETIN – 15.09***

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***P-80® Temporary Rubber Lubricants – Now Available in 10ml tubes – Ideal for maintenance and repair kits!***

The slip resistant nature of rubber makes it difficult to install, cut, remove or manipulate. Repair and installation of rubber parts can take considerable physical effort and time. In addition, improper part alignment or installation can lead to part failure and safety issues. Many jobs can benefit from the reduced friction and increased safety provided by P-80® Temporary Rubber Lubricants. Major manufacturing companies have used P-80 lubricants for years for the assembly of engine mounts, bumpers, seals, belts, bushings, O-rings, hoses, grommets, grips, plugs, moldings, tires and many other rubber or soft plastic engineered parts.



Now, P-80 is available in handy re-sealable tubes making it perfect for maintenance, repair, service or even the dreaded recall. The 10 mL size provides enough lubrication for multiple repairs. They are a perfect size for assembly, maintenance and repair kits.

P-80 is helpful for pump, HVAC, auto and truck, motorcycle, construction equipment, mechanical seal, pool and spa, appliance, bicycle, plumbing and many other repair jobs. In fact, every fleet or service center can benefit from the use of P-80 for their ongoing maintenance. Most automotive OEMs have already approved P-80 for assembly, so specification numbers already exist making ordering easier for dealers and suppliers.

P-80 lubricants enable rubber parts to slide easily into place with minimal force. Once dry, P-80 stops lubricating and parts remain in place, resulting in a tight fit.

P-80 lubricants are compatible with most plastics, rubbers and metals. They are safe for workers and the environment. P-80 is water based and does not contain alcohol or petroleum distillates so it will not cause rubber to dry out or harden. Since P-80 does not contain silicon or any other persistent ingredients, once dry the slipping action goes away.

P-80 is available in four different industrial formulas, as well as two special formulas that are registered with NSF as H1 lubricants approved for incidental food contact applications. Most P-80 products are biodegradable and all are manufactured in the USA.

**Contact us with your assembly challenge to help determine which formula will best serve your needs. [Free samples are available for trial testing; \[sample@ipcol.com\]\(mailto:sample@ipcol.com\)](#)**

For sales and service in the U.S. call our ISO:9001 certified manufacturing facility at 609-386-8770 or email [mkt@ipcol.com](mailto:mkt@ipcol.com). For sales and service in Europe, call 0208-857-5678 or email [saleseurope@ipcol.com](mailto:saleseurope@ipcol.com). You may also visit our website at [www.ipcol.com](http://www.ipcol.com).



# TEMPORARY RUBBER LUBRICANTS

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

## 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

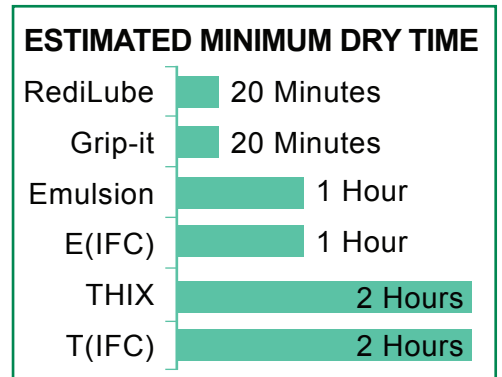
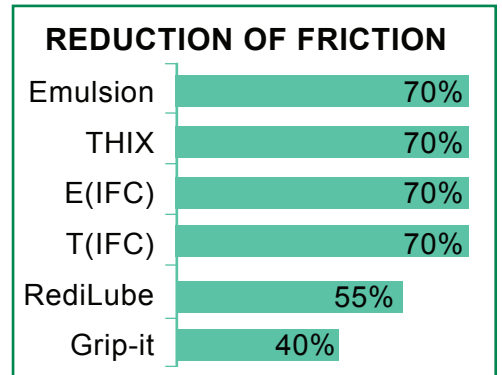
**P-80® Emulsion:** "The Original." A biodegradable blend of synthetic esters and water. P-80® Emulsion provides a thin film of lubrication to significantly reduce friction.

**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.

	INDUSTRIAL LUBRICANTS				INCIDENTAL FOOD CONTACT LUBRICANTS	
	P-80® Emulsion	P-80® THIX	P-80® Grip-it	P-80® RediLube	P-80® Emulsion (IFC)	P-80® THIX (IFC)
Viscosity Index, cps @25° C	150	12,000	20	20	150	15,000
Biodegradable	Yes	Yes	No	Yes	Yes	Yes
Reduction of Friction	~70%	~70%	~40%	~55%	~70%	~70%
Estimated minimum dry time	1 hour	2 hours	20 minutes	20 minutes	1 hour	2 hours
pH	8.4	8.5	10.8	8.7	8.7	8.5
Appearance	Milky white to beige	White to beige gel	Clear, colorless	Milky white to light yellow	Milky white to beige	White to beige gel