

# P-80<sup>®</sup>

## TEMPORARY RUBBER LUBRICANTS

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

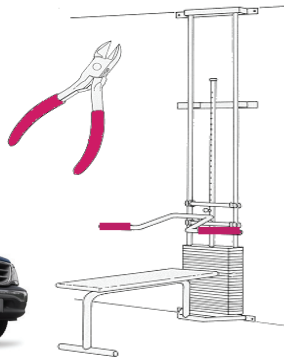
Water-Based • Non-Toxic • Non-Flammable • Ready to Use

## P-80<sup>®</sup> - the "Product of Choice" for installation and assembly of rubber parts!

### What are P-80<sup>®</sup> Temporary Rubber Lubricants?

P-80<sup>®</sup> 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<sup>®</sup> products are also free of petroleum distillates, so they will not dry, crack or otherwise harm rubber parts. P-80<sup>®</sup> is compatible with most metals, plastics, and natural and synthetic elastomers. *Also available in incidental food contact formulas!*

P-80<sup>®</sup> THIX,  
P-80<sup>®</sup> Emulsion and  
P-80<sup>®</sup> RediLube are  
biodegradable.



P-80<sup>®</sup> 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.



**P-80<sup>®</sup> available in  
resealable 10 mL tubes!**

REQUEST A FREE SAMPLE  
AT [WWW.IPCOL.COM](http://WWW.IPCOL.COM)



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## 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

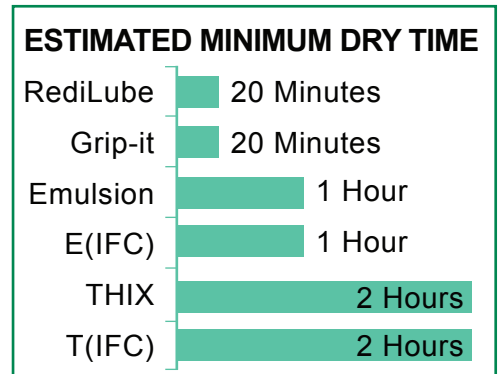
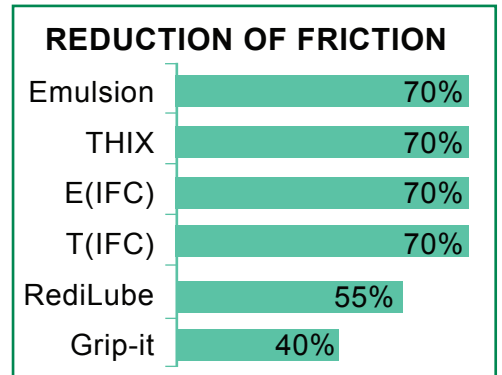
**P-80® Emulsion:** "The Original." A biodegradable blend of synthetic esters and water. P-80® Emulsion provides a thin film of lubrication to significantly reduce friction.

**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