

P-80®

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 and soft plastic 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 silicones 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® products have been proven effective for a wide range of assembly operations involving:


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

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

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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

P-80 Emulsion	P-80 THIX	P-80 Grip-it	P-80 RediLube 
Used for manual and automated applications	Does not drip in overhead and vertical applications	Great for use on pressure tested hoses	For use on non-porous and coated rubber/plastic

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.

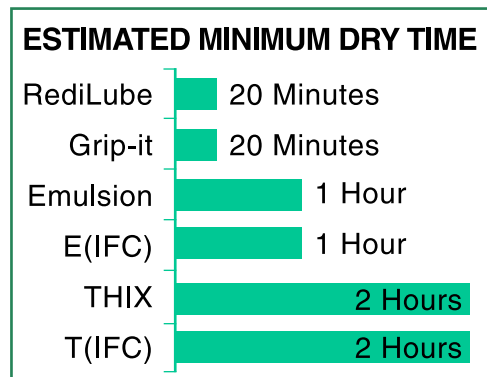
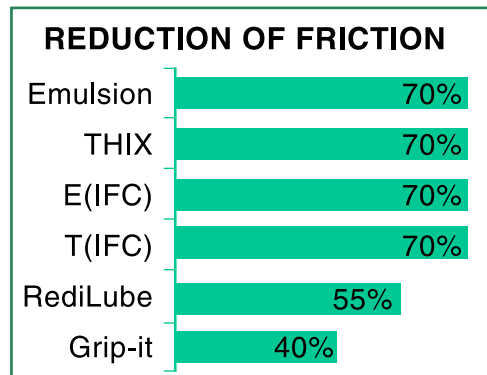
P-80 THIX: A biodegradable, non-drip thixotropic gel that is ideal for overhead and vertical assembly operations. Provides excellent lubrication.

P-80 Grip-it: A quick-drying, water-based surfactant and polymer mixture for use on non-porous and coated rubber surfaces. Dries tacky to help parts stay in place. Excellent for use on pressure-tested hoses.

P-80 RediLube: A biodegradable lubricant designed for use on non-porous and coated rubber surfaces. Ideal for sub-assembly. Lubricates well but dries quickly and completely.

P-80 Emulsion IFC: Biodegradable temporary assembly lubricant for use in incidental food contact applications. Provides a thin film of lubrication to significantly reduce friction.

P-80 THIX IFC: A biodegradable, non-drip thixotropic gel that is ideal for overhead and vertical assembly operations. For use in incidental food contact applications. Provides excellent lubrication.



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				INCIDENTIAL 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, 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	1 hour
pH (neat)	7.5 to 9.5	7.5 to 9.5	9.8 to 11.3	7.5 to 9.5	7.5 to 9.5	7.5 to 9.0
Appearance	Milky white to beige	White to beige gel	Clear, colorless	Milky white to light yellow	Milky white to beige	White to beige gel