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PRODUCT DATA SHEET

Permatex® Anti-Seize

Standard · Nickel · Copper | Brush-Top Bottles

High-temperature assembly lubricants that help prevent galling, seizing and corrosion and make later disassembly easier. Select by metal compatibility, temperature and equipment requirements.



PX80071
Standard · 4 oz.



PX80078
Standard · 8 oz.



PX77124
Nickel · 8 oz.



PX09128
Copper · 8 oz.

1.0 Product Selection

Nutty stock #	Permatex #	Formula	Size	Temperature range*
PX80071	80071	Standard	4 oz.	−60°F to 1600°F
PX80078	80078	Standard	8 oz.	−60°F to 1600°F
PX77124	77124	Nickel	8 oz.	−65°F to 2400°F
PX09128	09128	Copper	8 oz.	−30°F to 1800°F

2.0 Formula Characteristics

Standard: Aluminum, copper and graphite blend; silver metallic paste. General assembly protection, including exhaust manifold and engine bolts, U-bolts and spring bolts where specified.

Nickel: Mineral oil, nickel and graphite; gray paste. Recommended for stainless steel, titanium and nickel alloys and where copper contamination must be avoided. Typical uses include exhaust bolts and muffler clamps.

Copper: Micro-fine copper flakes in a petroleum-based grease carrier; copper metallic paste. Provides electrical conductivity. Typical uses include engine bolts, thermostat housing bolts and battery cable connections.

3.0 Application

Clean and dry mating surfaces and remove loose rust. Apply a light coating to the parts requiring protection, assemble as directed and wipe away excess. Stir the copper formula well before use. Follow the equipment manufacturer’s torque guidance for lubricated fasteners; do not assume a dry-thread torque specification applies.

Important: Not for use on wheel lug nuts or wheel studs. Not recommended for pure oxygen or oxygen-rich systems. Standard and copper formulas must not be selected for chlorine or other strong oxidizing materials. Consult the matching technical and safety data sheets before use.

*Manufacturer reference data, not guaranteed specifications. Temperature range alone does not establish application suitability. Sources: Permatex TDS 80071 / 80078 (02/19), 77124 and 09128 (10/17), accessed November 2026. Permatex is a trademark of its respective owner.