



COP-GRAF™

Copper and Graphite Based Anti-Seize Compound

www.antiseize.com

Product Description

Cop-Graf™ is our premium anti-seize compound composed of pure copper and large flake graphite in a high-heat-resistant carrier fortified with the latest in rust and corrosion inhibitors and antioxidants. It is designed to lubricate and protect threaded connections and flanges at temperatures to 1,800°F (982°C) and under extreme load pressure conditions.

Cop-Graf™ features larger particle size fillers which makes it ideal for using on larger nuts and bolts found in Construction Machinery, Mining Machines, Refineries as well as others applications.

Cop-Graf™ has water-resistant and anti-oxidant properties that resist seizing and galling while protecting against rust and corrosion.

Cop-Graf™ does not separate. It is non-dripping, non-hardening, permits easy disassembly and removal of connection even after lengthy service or severe conditions. Stress, strain, and time to disassemble are greatly diminished. Meets the Performance requirements of MIL-PRF-907F

Features & Benefits

- Protects parts from seizing and rusting together
- Greatly reduces Maintenance headaches caused by parts rusting together
- Aids in assembly and disassembly of parts
- Highly resistant to salt water corrosion
- Cop-Graf™ has been reliably serving Industry for over 30 years
- Compatible with all types of metals/most plastics

Applications include

All Nuts and Bolts, Bushings, Centers, Cam Rollers, Conveyors, Couplings, Dies, Drills and Taps, Fittings, Flanges, Gears and Motors, Keyways, Press Fits, Pumps, Shafts, Sleeves and Slides, Spark Plugs, Valves,• Wristpins

Service Recommendations

-300° to 1800°F (-184° to 982°C)

Shelf Life

Cop-Graf™ has a shelf life of 5 year or more when stored in a closed container. Shelf life may be much longer depending upon storage location and conditions. Store with container tightly sealed in a cool dry place for optimum shelf life. If slight separation occurs, stir product.

GHS information (Bulk material only)

Pressurized cans require GHS labeling.

GHS Panel
 Classified as Non-Hazardous under HazCom
 2012(OSHA GHS)
 Read SDS for additional information

Typical Properties

Property	Value
Specific Gravity	1.2
Weight per gallon	10.0 LB
Penetration, D217-60T, 100-3000 Strokes	280-310
Oil Separation, 30 hr. at 158°F	1%
Flash point, ASTM D-92-85 (IP 36/65)	450°F
Color	Copper
Friction Coefficient	0.10
Torque Coefficient "nut factor"	K Values 0.15 ± 0.02. Testing is required to determine the exact K values & specific performance on any individual fastener using the desired anti-seize compound.
Homogeneity	Will not settle, harden or separate under normal conditions.
Carrier plus Additive	61%
Solid Lubricants Copper Graphite	39%
RoHS	Compliant

Cautions

Read all information on labels and Material Safety Data Sheets prior to use. All products should be tested & evaluated for a particular purpose prior to use. See Warranty Statement in our Catalog or on our Website.

Clean up

Skin Contact: Under normal usage - removal from skin with soap and water.

Equipment: Mineral Spirit type solvents work best.

Product Limited Warranty

This information is based on information we believe to be reliable and accurate, but no guarantee of its accuracy is made. This information is based on information we believe to be reliable and accurate, but no guarantee of its accuracy is made for a particular application. We urge and recommend that Users pretest their application prior to incorporating the product into use and assume that the User will conduct such testing. Also see warranty statement on website.

Available In:

2 gram pillow pack, P/N: 112cc, 4 gram pillow pack, P/N 114cc

<u>2oz BT</u>	<u>3oz tube</u>	<u>5oz BT</u>	<u>8oz tube</u>	<u>8oz BT</u>	<u>12.5oz Aer.</u>	<u>15oz cart</u>
11002	11003	11005	11008	11010	11014	11015

<u>1# can</u>	<u>1# BT</u>	<u>2 1/2# can</u>	<u>8# can</u>	<u>42# pail</u>	<u>130# keg</u>	<u>500#drum</u>
11016	11018	11025	11030	11050	11130	11425

SLICKON Bolt Dip & Brush Applicator, 8 oz Refill Tube
P/N : 11338 11008

BT=Brush Top, Aer=Aerosol, Cart=Cartridge