



QUALITY & INNOVATION

PROVEN • DURABLE • RELIABLE • VERSATILE

Put It On & Go To Sleep



COPALTITE

High Pressure & High Temperature Sealing Compound * Meet MIL-S-15204D

Overview:

The United States Government, along with many industries worldwide, has proven Copaltite an unequalled sealing agent. Wherever a packing is required against pressure, heat, cold, gases, acids, Freon, oil, benzene or gasoline, Copaltite is the premier product on the market. Under the most exacting conditions, Copaltite out performs any other product. It adheres readily to surfaces and its elasticity guarantees a perfect seal against vibration, expansion and contraction leaks. For sealing threads, flanges and other fittings exposed to high temperature and pressure, Copaltite is unexcelled. Used successfully on: Steam Joins at 2000 psi - 1200° F, Flanges without gaskets up to 6500 psi and threaded joints holding 10,000 psi.



Liquid Form Sealant

Used for threaded connections and machined surfaces. It is smooth paste that is easily spreadable. Although normally used without gaskets, Copaltite Liquid makes an excellent gasket dressing. The liquid form is available in a 1 quart (946 ml) or a 5 ounce (147 ml) tube.



Cement Form Sealant

For rough surfaces, warped flanges, or unfinished parts. It is a thick paste with a coarse texture which allows for it to fill gaps in scored, uneven surfaces. Copaltite Cement is also used as a gun grooving compound. The Cement form is available in a 1 quart (946 ml) or a 5 ounce (147 ml) tube.

FEATURE & BENEFITS

- Developed for high temperature applications range of -315°F (-192°C) to 1500° F (815°C).
- Cures quickly when heat of at least 300° F (148°C) is applied.
- Possesses Anti-seize properties for very high temperature applications.
- Low shrinkage and coefficient of expansion.
- Easy separation of joints after extended use at extremely high temperature and/or pressure.
- Resistant to most chemicals. Copaltite is used on lines containing steam, ammonia, hydrocarbons, refrigerants, hydraulic fluids, propane, brine, acids, and mild alkalis.
- Adheres to metals, ceramics, rubber and most plastics.
- Withstands severe vibrations and thermal shock.
- Meets Navy test requirements for use on marine turbines at 1200 PSI and 950° F (510°C) meeting MIL-S-15204D.
- Copaltite sealants consistently outperform other high pressure and high temperature pipe dopes.

Industries

- Power Utilities
- Oil & Gas
- Steel
- Paper and Pulp
- Heavy Equipment
- Marine
- Chemical
- Aviation
- Automotive

Applications

- Boilers
- Compressors
- Condensers
- Heat Exchangers
- Hydraulic Systems
- Pressure Gas Lines
- Pressure Vessels
- Refrigeration Lines
- Steam Turbines

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