

900



GOLDEND® PASTE

Description

Chesterton® 900 GoldEnd® Paste is a nonhardening moldable PTFE thread lubricant and sealant. It is a unique, semi-solid paste filled with ultra-fine PTFE particles which crush to fill voids of threaded fittings thereby preventing by-pass of liquids and gases.

Unlike many thread compounds, Chesterton 900 GoldEnd Paste will stay soft long after it is applied. This is because most products contain solvents as diluents and thinners. When these solvents evaporate, the sealant left behind is hard and rigid. Chesterton 900 GoldEnd Paste has virtually no solvent - it utilizes pure mineral oil in its formula to keep it soft and pliable long after application.

Chesterton 900 GoldEnd Paste considerably eases both assembly and disassembly of pipe joints. Threads lock tightly together as the PTFE lubricates and flows to fill in voids. PTFE's low coefficient of friction eases disassembly of threaded fittings at temperatures where other lubricants have been lost due to heat. Use up to 260°C (500°F) as a lubricant, up to 149°C (300°F) as an anti-seize compound.

Chesterton 900 GoldEnd Paste is noncorrosive and can be used on metal or plastic threads. It is recommended for pipe joints, pneumatic fittings and hydraulic line applications where instant sealing and high pressure capability are desired.

Chesterton 900 GoldEnd Paste is available in convenient tubes with applicator tips and in sturdy metal cans with Chesterton's unique brush top. The angled brush reaches into corner of can, permitting use of all of the contents. Waste caused by regular straight brushes is a thing of the past.

Typical Physical Properties

Form	Soft Paste
Color	Golden Yellow
Density	1,4 kg/l (11.8 lbs/gal)
Maximum Use Temperature:	
As a Lubricant and Sealant	260°C (500°F)
As an Anti-Seize Compound	149°C (300°F)
Maximum Pressure Range	352 kg/cm ² (5000 psi) for hydraulic fluids 7 kg/cm ² (100 psi) for gases

Composition

Chesterton 900 GoldEnd Paste is comprised of pure PTFE in a nonhardening mineral oil base. Whereas many competitive thread compounds thin the product and can contain as much as 25% solvent, 900 GoldEnd Paste contains 99.3% active product.

The viscosity of 900 GoldEnd Paste is lower than many competitive products. This allows a thin, continuous lubricant film even in very fine threads. A tighter seal is possible as threads seal more tightly.

Unlike low quality sealing tapes which can tear and contaminate valves and filters, Chesterton 900 GoldEnd Paste will seal and stay where it is applied. Excellent for hydraulic and lubrication lines where clogging, if it occurred, could be a serious problem.

Features

- Ultra-fine PTFE Particles
- Nonhardening
- Noncorrosive
- Nontoxic
- No Volatile Solvents
- NSF H2, P1 - Registration number 133957
- UL Listed

Applications

Nonhardening thread sealant and lubricant for liquids, gases, pneumatic or hydraulic fittings; holds gaskets in place during assembly; anti-seize for bolts and fittings up to 260°C (500°F).

Can be used for steam, water, salt water, air, fuels, refrigerants, many acids, alkalis, solvents, gases including hydrogen, ammonia, propane, butane, nitrogen. Not for use on liquid or gaseous oxygen. For nitric or mixed acid service, consult factory.

Directions

Remove oil, grease, dirt and residual thread cutting oils from threads. Liberally apply the product to the male threads. Chesterton® 900 GoldEnd® Paste is recommended for use alone up to the following limits:

1. Imperial (parallel threads) up to 10 mm (0.4 inch).
2. Conical (tapered) up to 25 mm (1 inch).

Do not use on liquid or gaseous oxygen. For larger diameter threads wrap hemp into the threads before applying 900 GoldEnd Paste.

Safety

Before using this product please refer to the Material Safety Data Sheet (MSDS) or appropriate safety sheet for your area.

Maximum Pressure Range 352 kg/cm² (5000 psi) for hydraulic fluids.

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