

725(E)

NICKEL ANTI-SEIZE COMPOUND

APPLICATION AREAS

- Bolts
- Flanges
- Fittings
- Valves



PRODUCT DATA SHEET

KEY FEATURES AND BENEFITS

- Water resistant
- Ease mechanical assembly and disassembly up to 1425°C (2600°F)
- Balanced coefficient of friction eliminates torque recalculations
- Meets MIL-A-907D
- Guards against Galling and Corrosion
- Withstands extreme pressure
- NSF H2 Registration Number 156829
- Applicable where use of copper is prohibited

PACKAGING

Aerosol
250g Brush Top
500g Brush Top
20L

DIRECTIONS

Treat all threaded or press-fit parts before joining to make assembly and disassembly easier. Surfaces should be free of dirt, oil, grease, etc. Apply liberally to mating surfaces.

DESCRIPTION

Chesterton® 725(E) Nickel Anti-Seize Compound is an assembly lubricant combining the extreme pressure, corrosion resistant anti-seize abilities of colloidal nickel, aluminum and graphite in an oil suspension which will withstand temperatures up to 1425°C (2600°F).

The product seals and protects metal parts under extreme conditions by providing an ultra-thin coating of nickel particles. The particles form an antifriction barrier that will not burn, wash or scrape off. The barrier formed prevents pitting from the galvanic action between dissimilar metals that could occur if the metals were not separated. Chesterton 725(E) Nickel Anti-Seize Compound has a balanced coefficient of friction, threads are not stretched and more accurate load values are possible during assembly. The product saves threads and parts for reuse by preventing galling damage and breakage during opening.

725(E) Nickel Anti-Seize Compound will not wash off in either fresh or salt water. It can be used indoors, outdoors and in marine applications. The product meets MIL-A-907D.

Typical Physical Properties

Appearance	Metallic gray
Texture	Soft paste
Flash Point	95°C (204°F)
Specific Gravity	1.3 kg/l
Average Particle Size	4 to 7 microns
Dropping Point (ASTM D 566, ISO 2176)	>316°C (600°F)
Operating Temperature	Up to 1425°C (2600°F)
Coefficient of Friction "K" Factor (Static)	0.18
ASTM D 2266 (Dynamic)	0.12
Density	1.3 kg/l
Copper Corrosion (ASTM D 300) 100°C (212°F)	None
Water Washout (ASTM D 1265) 79°C (175°F)	5.50%
Penetration, Cone (ASTM D 217)	27 to 37 mm

Before using this product, please refer to Safety Data Sheet (SDS).