

Food grade anti-seize

Description

MOLYSLIP FOODSLIP is a premium performance, food grade anti-seize compound formulated to protect fasteners from seizure induced by temperature, pressure and corrosion. The high purity base fluid contains micronized high load white solids, including PTFE, to provide excellent lubrication and protection to threads and components operating in areas where there is a possibility of incidental food contact.

MOLYSLIP FOODSLIP is resistant to temperatures up to 340°C and the tenacious film is extremely resistant to water, brine, steam and aqueous cleaners. FOODSLIP provides excellent protection against chemical corrosion (both acid and alkali) and atmospheric oxidation. FOODSLIP is suitable for use on studs, nuts, bolts and other threaded connections on components that need to be dismantled. Use on stainless steel, aluminium, copper, iron, galvanized steel, brass and PVC pipes, tubes and connections.

MOLYSLIP FOODSLIP is InS H1 registered for incidental food contact (registration number 1796283)

Features and benefits

- Suitable for incidental food contact – InS H1 registered
- Ensures consistent friction between threads
- Protects against galling and seizure
- Excellent protection against rust and corrosion
- Eases assembly and dismantling of components

Instructions for use

MOLYSLIP FOODSLIP should be used as supplied. Ensure surfaces to be treated are clean and dry - free from oil, grease or dirt contamination. Apply a thin even coating by rubbing onto the surface with a lint free cloth.

Packaging

500g tin

Technical data

Foodslip



Technical data (typical values)

Property	Result
Appearance	Smooth white paste
Consistency	NLGI 2
Drop point	>300°C
Effective temperature range	-30°C up to +340°C

When a compound is applied to a threaded fastener that will be tightened to a specific torque setting, the torque setting will require adjustment to allow for the lubricating effect of the compound. Failure to do so can result in incorrect tension in the fastener. Correct torque settings can be calculated using the tables and charts below and the standard thread equation:

$$T = KDP$$

T = Torque (N.m)
D = Diameter (m)
P = Clamping force (N)
K = Nut factor

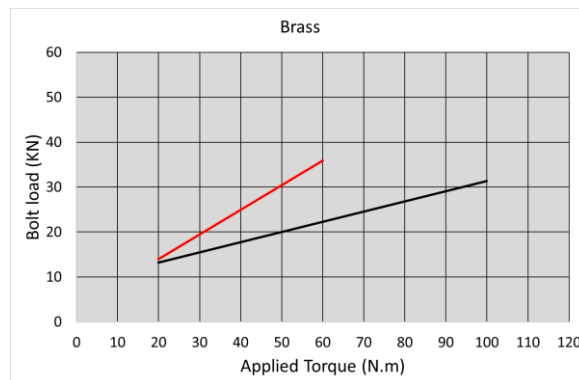
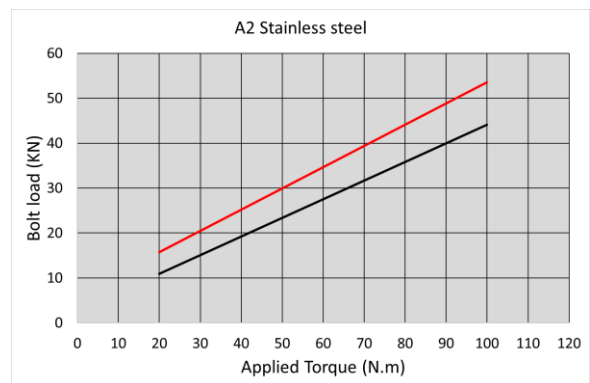
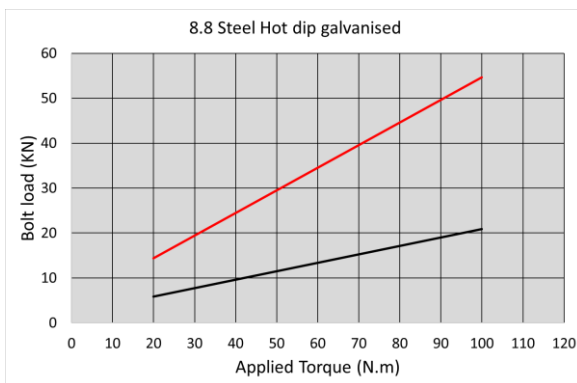
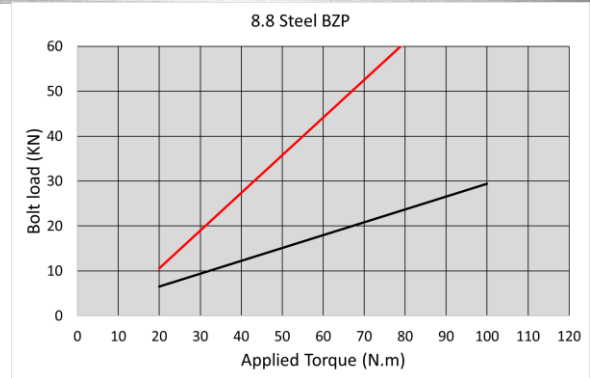
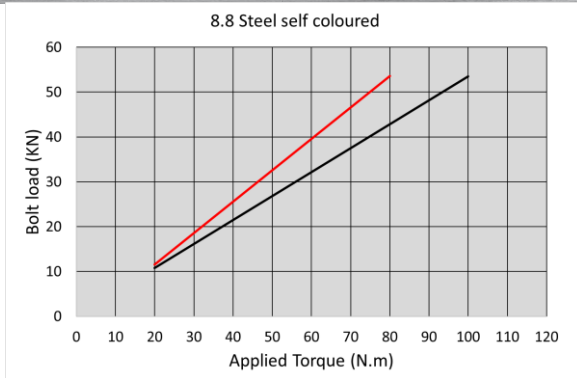
Material	K Nut factor
8.8 Steel self coloured	0.13
8.8 Steel BZP	0.12
8.8 Steel Hot dip galvanised	0.14
A2 Stainless steel	0.14
Brass	0.13

These results were obtained from the tension-torsion relationship measured on M12 x 50mm setscrews with 1.75mm thread pitch, full nut and form A washers. Fasteners were degreased and a thin layer of compound applied to the thread, underside of bolt head and top of the nut.

Technical data

Foodslip

MOLYSLIP[®]



Black = Degreased fastener
 Red = Foodslip

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.
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