

MOLYKOTE®

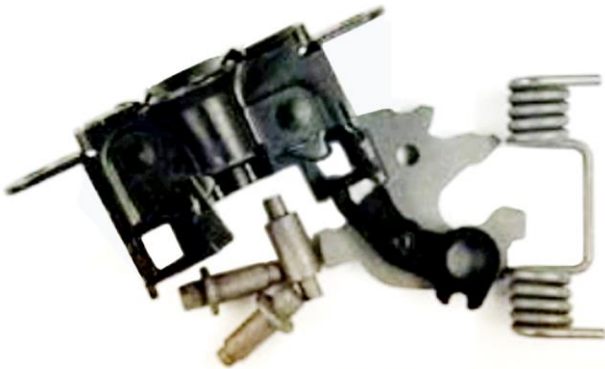
Anti-Friction Coatings



Molykote coatings provide anti-seizing and lifetime lubrication

Wide Application Range

Molykote Anti-Friction Coatings are lead free and especially trusted for uses where maximum wear endurance is needed and where other types of lubricants cannot be applied.



Long-term lubrication and corrosion protection can be applied to components and bolts & nuts.

Characteristics

Characteristics	Molykote Anti-Friction Coating Lead Free
Colour	Grey
Service Temperature, °C (°F)	-200/+315 (-328/+599)
Properties	Corrosion protection, chemical resistance, low friction
Typical Applications	Hinges, Springs, Weapons, ammunition

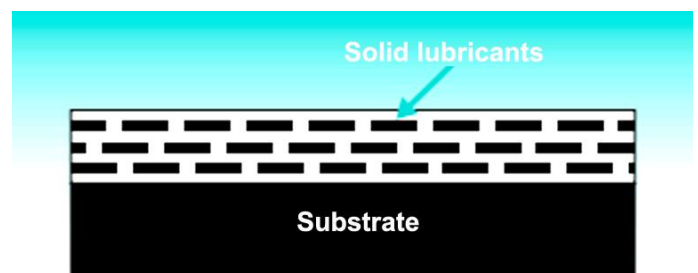
Advantages of Anti-Friction Coatings

Molykote Anti-Friction Coatings are bonded, dry-film lubricants that provide superior lubrication in harsh operating conditions and environmental extremes. Compare to typical lubricating pastes and greases, Molykote Anti-Friction Coatings have a number of advantages. They provide:

- Dry, clean lubrication unaffected by dust, dirt and moisture
- Lifetime lubrication without aging, evaporation or oxidation
- Rust prevention without surface treatments like galvanizing
- Non-flammable, non-staining protection on metals and plastics
- Controlled film thickness for exact load-bearing capabilities; and
- Fully effective lubrication even after prolonged shutdown

How Anti-Friction Coatings work

Molykote Anti-Friction Coatings have solid lubricant particles dispersed in carefully selected blends of resin and solvents. The volume concentration of lubricants and choice of raw materials are important for the lubricating and corrosion protection properties. Once applied to a metal or plastic, these paint-like solutions bond to the coated surface and provide a slippery lubrication film that is dry and clean. The film covers all surface roughness and optimizes metal-to-metal, metal-to-plastic or plastic-to-plastic friction even under extreme loads and working conditions.



Solid lubricants in a binder system adhere strongly to a substrate, forming a thin, slippery film of lubricating particles.

MOLYKOTE is available from:-



S E C Plating Pty Ltd

Tel: +61 2 9750 8011
Fax: +61 2 9750 6565
Email: sales@secp.net
Website: www.secp.net

Molykote is a registered trademark of Dow Corning