



MOLYKOTE®
FROM DOW CORNING

Semi-dry Lubricants



AV04061

Optimal performance, better for the environment

Molykote® Semi-dry Lubricants

Meeting Performance and Environmental Needs

When it comes to providing high performance, reliability, flexibility of design and value in increasingly sophisticated home electronics products, designers and engineers around the world turn to Dow Corning for Molykote® lubrication solutions.

Ordinary lubricants often cannot meet the technical demands of today's sophisticated home electronics products, nor the concerns of an increasingly environmentally sensitive industry, but Molykote Semi-dry lubricants provide trouble-free performance on a variety of substrates.

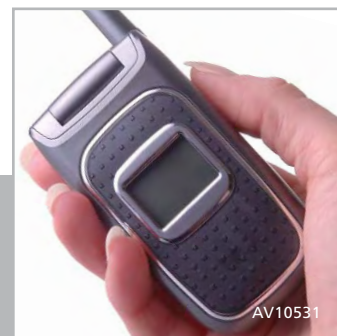
Molykote® Semi-dry Lubricants provide the following:

- **Wide temperature range** – Maximum temperature range you can choose is -60° to 150° C.
- **Clean lubricants** – Transparent, dry, non-sticky thin film coating without dust.
- **Good compatibility** – Compatible with elastomers and plastics.
- **Environmental Friendly** – Zero Ozone Depletion Potential (ODP). The Global Warming Potential (GWP) is lower than other equivalent Molykote products.
- **Easy to apply** – You can apply with a brush or by dipping. No application machine required.

The characteristics of each product are shown in the chart in the opposite page. Select a product that best meets your needs. If you have more specific needs, we can tailor a solution to meet your needs exactly.

Here are some application examples:

- **CD and DVD Players** – Molykote lubricants are ideal for guide bars, screw gears, lead screw, and plastic actuators in CD and DVD players because they are compatible with plastic, reduce noise, and prevent oil spreading
- **Mobile Phones** – Plastic-compatible Molykote lubricants help mobile phone hinges and sliding parts move effortlessly.
- **Camcorders** – Dry and invisible Molykote lubricants provide torque stability and plastic compatibility for camcorders parts, such as auto focus, actuators and hinges.
- **Digital Cameras** – Invisible Molykote lubricants support even the most precise digital camera parts and functions, such as the auto focus, shutter and dial switch
- **Card Slot** – Semi-dry lubricants provide product life-long lubrication



PROPERTY	PD-930	L-8001	L-8011	L-8033
Appearance	White	White	White	Pink
Temperature range (°C)	-60 ~ 150	-60 ~ 120	-60 ~ 120	-60 ~ 150
Specific gravity	1.49	1.43	1.45	1.46
Flash point (°C)	None	None	None	None
Non-volatile contents (%)	10.0	6.0	2.6	6.0
Plastic compatibility test (1/4 oval test) POM, PS, ABS	No crack	No crack	No crack	No crack
Coefficient of friction (PS vs POM)	0.08	0.07	0.06	0.08
Coefficient of friction (STEEL vs POM)	0.08	0.11	0.06	0.08
Package size	1kg	1kg	1kg	1kg



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* Please note that glass bottles are samples to show the product appearance, not sold commercially in this size.