

LBP

Ink Jet
Printer

Multi-Function
Machine

Digital Camera

CD/DVD Player

Mobile Phone

Camcorder



Dow Corning® Solutions for
Office Equipment and Home Electronics

DOW CORNING

Dow Corning: Meeting Your Needs Exactly

When it comes to providing reliability, durability, compatibility and safety for the office equipment and home electronics markets, designers and engineers around the world turn to Dow Corning.

As the global leader in silicon-based technology and with more than 60 years of experience as a silicone supplier, Dow Corning provides products, services and business solutions to meet your needs exactly. We design innovative technology into every one of our products—including our *Molykote*® brand lubricants, greases and anti-friction coatings. And every product is backed by our commitment to provide design and processing answers when you need them.

Our functionality testing, application engineering, and equipment/material integration provide you with a total systems solution. Our product range and engineering expertise make us the ideal partner for cooperation and development of projects for modified or new products.

Whether you need to boost performance, lower costs, or increase customer satisfaction with your office equipment and home office systems, modules and components, our experts can customize precise, reliable and durable solutions.

This guide will assist you in selecting the best lubricant for your specific application needs.

Technical data sheets are available for all products.



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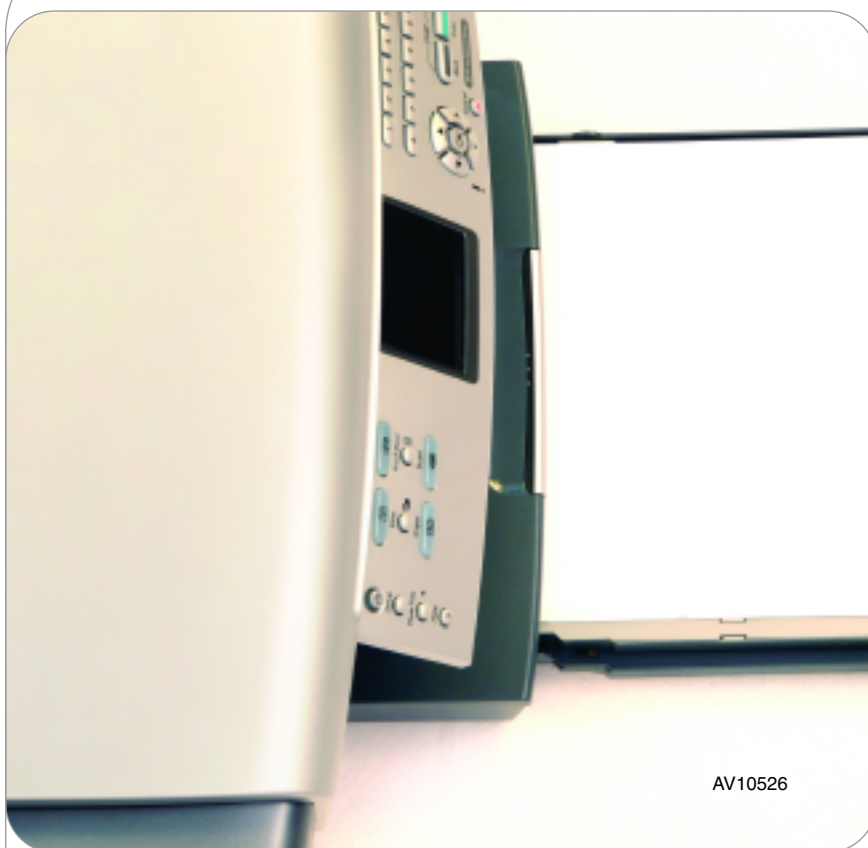


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MOLYKOTE
FROM DOW CORNING

Smart Lubrication™



AV10526

Molykote® Lubricants for Office Equipment and Home Electronics

Simply put, the right lubricant for a moving part can mean the difference between high performance and failure.

When you select Dow Corning as your preferred lubricant supplier, you get access to our extensive offering of *Molykote*® brand lubricants, specialty greases, pastes, anti-friction coatings, oils and dispersions, as well as unmatched application expertise.

Molykote lubricants are designed to perform optimally on a variety of substrates, including plastics,



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Application

Parts

Recommended *Molykote*® Products

LBP

- Heat roller and bearing lubricant
- Paper feeding/ejection gears
- Paper guide and cassette lubricant
- Paper provide adjust actuator
- One way clutch/torque limiter
- Toner cartridge gear

HP-300, HP-500
EM-30L, EM-50L
PD-910, L-8011
EM-30L
DX PASTE, G-8010
EM-50L, PD-920, L-8001

Ink jet printer

- Ink cartridge
- Paper tray
- Plastic gear

PD-910, PG-641, L-8011

PD-910, L-8011
EM-50L, PG series,
PD-910, PD-920, L-8001, L-8011

Multi-function machine

- Heat roller and bearing
- Paper feeding/sorting unit gears
- Paper guide and cassette
- Toner cartridge gear

HP-300, HP-500
EM-30L, EM-50L
PD-910, L-8011
EM-50L, PD-920, L-8001

metals, elastomers and engineered polymers, and provide long-lasting, noise-reducing performance, even in high pressure or extreme temperatures. Regardless of the scope and scale of lubrication support you require, we can provide the exact combination of products and services that you need to succeed.

- **Total solution** – We offer a wide selection of specialty lubricants for all applications to help you make the right choice the first time.
- **Tailored approach** – Dow Corning has global capabilities but can tailor a solution that can satisfy local needs.
- **Environmentally friendly** – Our silicone-based lubricants do not contain heavy metals or unwanted chemicals.

The Molykote line of specialty lubricants for appliance components includes:

Performance Needs

- Heat stability
- Plastic compatibility, noise reduction
- Plastic compatibility, invisible, semi-dry lubricant
- Plastic compatibility, noise reduction
- High torque, plastic compatibility
- Plastic compatibility, noise reduction

- Plastic compatibility, invisible, semi-dry lubricant, (long endurance, low bleeding)
- Plastic compatibility, semi-dry lubricant
- Plastic compatibility, no oil spreading

- Heat stability
- Plastic compatibility, noise reduction
- Plastic compatibility, invisible, semi-dry lubricant
- Plastic compatibility, noise reduction

- **Greases** – Thick or semi-fluid dispersions of a thickening agent in a lubricating liquid. High-performance greases are designed for dynamic metal-to-metal, metal-to-rubber, metal-to-plastic and plastic-to-plastic applications. Most greases are based on synthetic formulations that have excellent resistance to thermal degradation. Many are fortified with solid lubricant additive technology to provide effective lubrication under extreme load conditions. High-performance fluorinated greases are designed for extended service at higher temperatures and higher loads, and in harsh chemical environments.
- **Pastes** – High concentrations of solid lubricants dispersed in oil for convenient application. These lubricants have high concentrations of solid lubricants blended in various bases. They are used where a high concentration of solid lubricant is required, such as initial run-in and areas exposed to high loads.

Home Electronics



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Application

Digital Camera



AV10529

CD/DVD Player

Mobile Phone

Camcorder

- **Anti-friction coatings** – Paint-like products that contain submicron-sized particles of solid lubricants instead of coloring pigment, dispersed through carefully selected resin blends and solvents. After curing, the coating forms a dry lubricating film that can help prevent corrosion and is aesthetically pleasing. Anti-friction coatings are ideal for applications involving dusty environments or for inaccessible areas containing parts that need long-term lubrication.
- **Semi-dry lubricant** – Clear, color dispersions that contain fluorinated solid lubricants and slight amounts of fluorinated oil mixed into non-flammable solvent. These lubricants dry quickly after a thin layer is applied.



Parts	Recommended <i>Molykote</i> ® Products	Performance Needs
<ul style="list-style-type: none"> • Auto focus • Dial switch, shutter 	PD-920, L-8001 PD-910, L-8011	<ul style="list-style-type: none"> • Invisible, semi-dry lubricant • Invisible, semi-dry lubricant
<ul style="list-style-type: none"> • Guide bar • Screw gear • Lead screw • Plastic actuator 	E paste, PG, PD-910, L-8011 EM-30L, EM-50L, E paste, PG, PD-910, L-8011 EM-30L, EM-50L, PG, G-8007, PD-930 EM-30L, EM-50L,	<ul style="list-style-type: none"> • Plastic compatibility, noise reduction, no oil spreading • Plastic compatibility, noise reduction, no oil spreading • Noise reduction, no oil spreading • Plastic compatibility, noise reduction
<ul style="list-style-type: none"> • Hinge (fold type, reverse type hinge) • Slide parts 	HP-300 PD-920, PD-930	<ul style="list-style-type: none"> • Plastic compatibility, torque stability • Plastic compatibility, no wet type lube
<ul style="list-style-type: none"> • Auto focus • Actuator • Hinge 	PD-920, L-8001 PD-910, L-8011 HP-300	<ul style="list-style-type: none"> • Invisible, semi-dry lubricant • Invisible, semi-dry lubricant • Plastic compatibility, torque stability

Recommended products are Molykote® brand unless otherwise noted. Product availability may vary by region, so please check with your local Dow Corning contact.

How To Contact Us

Dow Corning has sales offices, manufacturing sites, as well as science and technology laboratories around the globe. For more information, visit www.dowcorning.com or www.molykote.com, or call one of our primary locations listed here.

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Global Presence. Local Support.

Dow Corning's global presence enables you to develop specifications centrally while providing consistent high-quality products and services locally. Through our global sales, application engineering, product development and manufacturing and delivery capabilities, our quality is consistent around the globe. This also enables a more effective and efficient product customization process—no matter where you are located!

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

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Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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