

Product Information Specialty Lubricant



DOW CORNING

Molykote[®] D-6927 Anti-Friction Coating

FEATURES & BENEFITS

- Wear resistance
- Chemical resistance
- No solvent (NMP) or contents that require reporting or are prohibited under REACH
- Black color appearance
- Low friction coefficient
- High wear resistance

COMPOSITION

- Solid lubricant
- Organic binder
- Solvent

Heat curing dry film lubricant

APPLICATIONS

- For plastics/metal and metal/metal combinations for low to medium loads
- Used on automotive parts for brake, door and locking mechanisms, safety belts, springs, pins, washers and air-con piston

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Test ¹	Property	Unit	Result
	Color	-	Black Liquid
	Viscosity, BM, No. 3, 60 rpm	mPa.s	500
	Relative Density	-	1.1
	Nonvolatile Content	%	20.8
	Drying Time/Temperature	min/°C	5–10/80
	Curing Time/Temperature	min/°C	60/230
	Film Service Temperature Range	°C	-60 to +240
JIS K5400	Pencil Hardness		3H
	Wear depth ² , Ring on Plate Test, 20 N, 0.1 m/s, 60 mins, dry	µm	1.3
	Coefficient of Friction*, Ring on Plate Test, 20 N, 0.1 m/s, 60 mins, dry		0.25

¹Japanese Industrial Standard

²Steel Panel: Cure 230°C×60 min, Film thickness 15 µm, Ring: Uncoated

DESCRIPTION

Molykote[®] D-6927 Anti-Friction Coating is a dispersion of solid lubricants in an organic resin-solvent.

HOW TO USE

Stir well before use. Clean and degrease metal surfaces before application. Molykote D-6927 Anti-Friction Coating is formulated for application by spray. Recommended film thickness is 10–20 microns at one spray. To adjust coating viscosity, the material should be diluted with Molykote[®] D-7415 Thinner.

**HANDLING
PRECAUTIONS
PRODUCT SAFETY
INFORMATION REQUIRED FOR
SAFE USE IS NOT INCLUDED IN
THIS DOCUMENT. BEFORE
HANDLING, READ PRODUCT
AND SAFETY DATA SHEETS
AND CONTAINER LABELS FOR
SAFE USE, PHYSICAL AND
HEALTH HAZARD
INFORMATION. THE SAFETY
DATA SHEET IS AVAILABLE ON
THE DOW CORNING WEBSITE
AT DOWCORNING.COM, OR
FROM YOUR DOW CORNING
SALES APPLICATION
ENGINEER, OR DISTRIBUTOR,
OR BY CALLING
DOW CORNING CUSTOMER
SERVICE.**

USABLE LIFE AND STORAGE

Molykote D-6927 Anti-Friction Coating has a shelf life of 720 days when kept in its original sealed container at ambient temperature.

PACKAGING INFORMATION

This product is available in different standard container sizes. Detailed container size information should be obtained from your nearest Dow Corning sales office or Dow Corning distributor.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, dowcorning.com or consult your local Dow Corning representative.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow Corning's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

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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