

Molykote[®] G-5008 Dielectric Grease

FEATURES & BENEFITS

- Physical Form - light consistency grease
- Wide service temperature range
- Compatible with rubber and ceramics
- Excellent dielectric properties

Silicone base oil containing specially formulated solid lubricants

APPLICATIONS

- *Molykote*[®] G-5008 Dielectric Grease is designed primarily for rubber/ceramic and rubber/rubber applications such as automotive spark plug boots and electrical connectors.

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*	Property	Unit	Result
	Color		Yellow-green
CTM 0191	Penetration, unworked	mm/10	240–280
DIN 51 818	NLGI class		2–3
ASTM D445	Apparent Viscosity at -17°C (0°F)	cSt	52,000
DIN 51810-1	Dynamic viscosity CP25, Shear Rate=500 1/s, T=25°C	mPa*s	5000
CTM 0033	Bleed, 24 hours at 200°C (392°F)	maximum %	4.0
CTM 0033	Evaporation, 24 hours at 200°C (392°F)	maximum %	2.0
CTM 0114	Dielectric strength average RT	kV/mm	9

*ASTM: American Society for Testing and Materials.

CTM: Corporate Test Methods. Copies of CTMs are available on request.

DIN: Deutsche Industrie Norm.

DESCRIPTION

Molykote[®] G-5008 Dielectric Grease is a silicone grease containing a specially formulated base oil and solid lubricants. It has excellent dielectric properties that are maintained when the material is exposed to temperatures above 200°C (392°F) for extended periods. It also inhibits bonding of rubber to ceramic.

HOW TO USE

Molykote G-5008 Dielectric Grease has been designed for use in automated dispensing equipment in which precise metering is required.

This product can also be applied using a brush or a grease gun.

HANDLING PRECAUTIONS

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL 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 G-5008 Dielectric Grease can be stored for 60 months from date of manufacture at ambient temperatures in its original, closed container.

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.

SHIPPING LIMITATIONS

None.

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.

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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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