

Product Information

Specialty Lubricant

DOW CORNING

Molykote[®] G-5016 Grease

FEATURES & BENEFITS

- Excellent compatibility with silicone rubber
- Good electric properties

COMPOSITION

- Silicone fluid
- Thickener

Silicone based grease for cable accessories assembling

APPLICATIONS

- Lubricant for cable accessories made from silicone rubber
- Lubricant for plastic or rubber parts

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
	Appearance		Colorless to pale yellow
ASTM D 1403	Penetration(unworked)	mm/10	400
ASTM D972	Evaporation loss(22hrs,99°C)	%	1.2
ASTM D1478	Low temperature torque(-15°C) Starting torque Running torque	mNm mNm	690 145
ASTM D 149	Dielectric strength 1.27mm gap	KV/mm	28
ASTM D 1169	volume resistivity	Ohm.cm	>10 ¹⁴

ASTM: American Society for Testing and Materials.

DESCRIPTION

Molykote[®] G-5016 is a silicone based grease designed to be used as lubricant for cable accessories which is made from silicone rubber. Due to very low level of absorption by silicone rubber, Molykote G-5016 doesn't cause swelling issue of silicone rubber.

HOW TO USE

Clean lubrication point. Apply the grease by brush, spatula, or automatic filling device.

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

When stored at or below 40°C (104°F) in the original unopened containers, this product has a usable life of 24 months from the date of production.

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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