

Product Information Specialty Lubricant



DOW CORNING

Molykote® G-3500 Grease

FEATURES & BENEFITS

- Wide service temperature range (-40°C to +150°C)
- Enhanced oxidation stability
- Good elastomer and polymer compatibility

COMPOSITION

- Polyalkylene glycol (PAG) base fluid
- Solid lubricants for wear protection
- Lithium complex thickened

Synthetic grease with anti-wear and anti-fretting performance

APPLICATIONS

- Plastic gear and gearbox compatibility
- For use with electric motors where electrical resistivity is required such as automotive electric parking brake actuation

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		Orange
ASTM D217	Penetration, unworked	mm/10	265–295
ASTM D217	Penetration, worked 60 strokes	mm/10	265–305
	Specific gravity at 25°C		0.97 +/- 0.1
ASTM D6184	Bleed, 24 hours / 150°C	%	< 5
ASTM D6184	Evaporation, 24 hours / 150°C	%	< 2
ASTM D566	Dropping point	°C °F	> 260 > 500
ASTM D1748	Low temperature torque at -40°C		
	Starting	N-m	0.630
	Running	N-m	0.134
Elastomer compatibility 72 hours @ 150°C			
ASTM D471	Swell - NBR	%	5 maximum
ASTM D2240	Durometer - NBR	%	10 maximum

¹ASTM: American Society for Testing and Materials

DESCRIPTION

Molykote® G-3500 Grease is a polyalkylene glycol (PAG) based grease designed to be used as a lubricant metal/metal and metal/plastic combinations, including sintered metal bearings and various polymers.

HOW TO USE

Molykote G-3500 Grease can be applied by hand via brushing or wiping, by grease gun, or by automated dispensing equipment.

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 G-3500 Grease has a shelf life of 60 months when kept in its original sealed container.

PACKAGING INFORMATION

Molykote G-3500 Grease is supplied in 18 kg (40 lb) pails.

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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