

# MOLYKOTE® G-9000 Grease

Designed for high-temperature applications, based on a unique silicone copolymer technology

## Features & benefits

- High-temperature lubricity
- Wide temperature range
- Corrosion resistance
- Superior silicone lubricity
- Lower density than PFPE greases
- Compatibility with elastomers and plastics

## Composition

- Fluorinated silicone-copolymer base oil
- PTFE thickener
- Additives

## Applications

Bearings running at wide temperature ranges.

## Description

MOLYKOTE® G-9000 Grease is designed for applications operating at high temperatures. It has good corrosion resistance, improved silicone lubricity and lower density compared to PFPE greases.

## How to use

Clean points of contact. Apply in same way as lubricating greases, using brush, spatula or automatic lubrication device. Easy cleaning with isopropyl alcohol and white spirit.

## Handling precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

## Usable life and storage

When stored closed below 40°C in original containers, this product has a usable life of 24 months from the date of production.

## Typical properties

Specification writers: These values are not intended for use in preparing specifications. Please contact your local MOLYKOTE® sales representative prior to writing specifications on this product.

Standard <sup>(1)</sup>	Test	Unit	Result
<b>Color, consistency, density, viscosity</b>			
	Color		White
DIN 5118	Consistency	NLGI	2
DIN ISO 2137	Worked penetration (60 strokes)	mm/10	265-295
ISO 2811	Density at 20°C	g/cm <sup>3</sup>	1.42
DIN 51562	Base oil viscosity at 40°C	mm <sup>2</sup> /s	650
<b>Temperature</b>			
	Service temperature	°C	-35 to 220
IP 396-02	Drop point	°C	> 280°C
DIN 51 805	Flow pressure at -35°C	mbar	800
<b>Service life</b>			
DIN 51821	FAG FE9 at 6,000 rpm, 1.5 kN, 220°C	F <sub>50</sub> in h	> 60
<b>Corrosion protection</b>			
DIN 51 802	SKF-EMCOR (7 d, distilled water)	degree	0
DIN 51 811	Copper corrosion at 150°C, 3 h		lb
<b>Oil separation, evaporation</b>			
CTM 0033A	Bleed after 24 h at 200°C	%	< 4
CTM 0033A	Evaporation after 24 h at 200°C	%	< 1

<sup>(1)</sup>DIN: Deutsche Industrie Norm. ISO: International Standardization Organization. IP: Institute of Petroleum. CTM: Corporate Tests Method; copies of CTMs are available on request.

## Packaging

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

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