

# MOLYKOTE® G-5021 Grease

High-performance grease for plastic/plastic and plastic/metal combinations involving slow to medium-fast speeds and low to medium loads

## Features & benefits

- High oxidation resistance
- Wide service-temperature range: -40°C to 170°C
- High water resistance
- Good corrosion protection
- Compatible with many plastics and elastomers

## Composition

- Silicone oil
- Lithium soap

## Applications

MOLYKOTE® G-5021 Grease is suitable for use on control cables, especially at low and high temperatures; sliding-element bearings; and mechanisms in climate control boxes.

## Description

MOLYKOTE® G-5021 Grease is a high-performance grease for plastic/plastic and plastic/metal combinations involving slow to medium-fast speeds and low to medium loads. It is suitable for use on control cables, especially at low and high temperatures; sliding-element bearings; and mechanisms in climate control boxes, and it can be used in central lubrication systems.

## How to use

Clean points of contact. As is usual with lubricating greases, apply by means of a brush, spatula, or automatic lubrication device.

## 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 at or below 40°C in the original unopened containers, this product has a usable life of 60 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
	Color		White
<b>Consistency, density, viscosity</b>			
DIN 51 818	NLGI consistency class		approx. 2
ISO 2137	Unworked penetration	mm/10	280-310
DIN 51 562	Base oil viscosity at 25°C	mm <sup>2</sup> /s	200
ISO 2811	Density	g/ml	0.97
<b>Temperature</b>			
	Service temperature range	°C	-40 to +170
ASTM D566	Dropping point	°C	200
DIN 51805	Kesternich method flow pressure at -40°C	mbar	200
<b>Load-carrying capacity, wear protection, service life</b>			
DIN 51 350 T.4	Four ball machine weld load	N	1,600
<b>Resistance, oil bleed and evaporation</b>			
DIN 51808	Oxidation resistance pressure drop, 100 h, 99°C		0.07
FTMS 791-32/2	Bleed 24 h/150°C	%	4.2
FTMS 791-32/2	Evaporation 24 h/150°C	%	1.7

<sup>(1)</sup>DIN: Deutsche Industrie Norm. ISO: International Standardization Organization. ASTM: American Society for Testing and Materials. FTMS: Federal Test Method Standard.

## 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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