



MOLYKOTE® G-1021 Grease

Features & benefits

- Wide temperature range
- Good corrosion protection
- Low coefficient of friction
- No intentional polytetrafluoroethylene (PTFE) or per- and polyfluoroalkyl substances (PFAS)

Composition

- PAO synthetic base oil
- Lithium soap

Applications

MOLYKOTE® G-1021 Grease is especially suited for the low-friction operation of applications such as plastic-to-plastic pairings, plastic-to-metal pairings, bushings and slides, and flexible control cables.

Description

MOLYKOTE® G-1021 Grease is designed for the long-term lubrication of metal/plastic, and plastic/plastic combinations where extremely low startup and running frictional resistance at low temperatures is required.

How to use

Apply to clean, dry substrates using conventional grease application methods (e.g., brush, grease gun or automatic dispensing equipment).

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

This product has a shelf life of 60 months when kept in its original sealed container at temperatures above -18°C (0°F).

Packaging

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

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 ⁽¹⁾	Test	Unit	Result
	Color		Off-white
	Service Temperature Range	°C	-55 to 150
ASTM D217	Penetration, worked 60	mm/10	265–295
ASTM D6184	Bleed, 24 hours @ 100°C	%	4.5
ASTM D972	Oil Evaporation, 24 hours @ 100°C	%	0.3
ASTM D566	Dropping Point	°C	213
ASTM D2266	Four ball wear (1,200 rpm, 40 N, 75°C, 1 hour)	mm	0.73
ASTM D1478	Low temperature torque (-20°C)		
	Starting	g-cm	221
	Running	g-cm	136

⁽¹⁾ ASTM: American Society for Testing and Materials.

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