

MOLYKOTE® G-1021 Grease

Features & benefits

- Wide temperature range
- Good corrosion protection
- Low coefficient of friction

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 supplied in 17 kg (37.5 lb) pails and 180 kg (397 lb) drums.

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.

DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, SM or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted.
© 2015-2019 DuPont.

The information set forth herein is furnished free of charge and is based on technical data that DuPont believes to be reliable and falls within the normal range of properties. It is intended for use by persons having technical skill, at their own discretion and risk. This data should not be used to establish specification limits nor used alone as the basis of design. Handling precaution information is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Since conditions of product use and disposal are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. As with any product, evaluation under end use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate or a recommendation to infringe on patents.