

MOLYKOTE® G-8005 Grease

Polytetrafluoroethylene-thickened perfluoropolyether grease for use in industrial applications where solvent and chemical resistance is required, as well as extended lubricant service life

Features & benefits

- Excellent solvent and chemical resistance
- Extended lubrication service life under severe conditions

Composition

- Perfluoropolyether base oil
- Polytetrafluoroethylene thickener

Applications

Industrial applications like bearings, valves, some elastomeric sealing components.

Description

MOLYKOTE® G-8005 Grease is a PTFE-thickened perfluorinated grease for use at high temperatures.

How to use

Clean points of application thoroughly as normal for grease lubrication. Apply grease with a brush or automated 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

When stored between 0°C and 40°C, this product has a usable life of 36 months from the date of production.

Packaging

This product is available in 2 kg cans.

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
	Temperature range	°C	-65 to 250
ASTM D217	Penetration, worked 60	0.1 mm	320-360
	Bleed (24 hours at 200°C)	%	15 (maximum)
	Evaporation (24 hours at 200°C)	%	0.5 (maximum)
	Low-temperature torque at -20°C		
	Starting	N-cm	1.3
	Running	N-cm	0.6
	Low-temperature torque at -40°C		
	Starting	N-cm	3.5
	Running	N-cm	1.1
	Density	g/cm ³	2.0

⁽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.