

# Molykote® G-8005 Grease

## FEATURES & BENEFITS

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

## COMPOSITION

- Perfluoropolyether Base Oil
- Polytetrafluoroethylene Thickened

Molykote® G-8005 Grease is a polytetrafluoroethylene-thickened perfluoropolyether grease for use in industrial applications where solvent and chemical resistance is required, as well as extended lubricant service life.

## APPLICATIONS

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

## TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Test*	Property	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	N-cm	
	Starting		1.3
	Running		0.6
	At -40°C	N-cm	
	Starting		3.5
	Running		1.1
	Density	g/cm <sup>3</sup>	2.0

\*ASTM: American Society for Testing and Materials.

## DESCRIPTION

Molykote G-8005 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 PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.**

**THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE DOW CORNING WEBSITE AT DOWCORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.**

### **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 INFORMATION**

This product is available in 2 kg cans.

### **LIMITATIONS**

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

### **HEALTH AND ENVIRONMENTAL INFORMATION**

To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, [dowcorning.com](http://dowcorning.com) or consult your local Dow Corning representative.

### **LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY**

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