

MOLYKOTE® G-5008 Dielectric Grease

Silicone base oil containing specially formulated solid lubricants

Features & benefits

- Physical form – light-consistency grease
- Wide service-temperature range
- Compatible with rubber and ceramics
- Excellent dielectric properties

Applications

MOLYKOTE® G-5008 Dielectric Grease is designed primarily for rubber/ceramic and rubber/rubber applications such as automotive spark plug boots and electrical connectors.

Description

MOLYKOTE® G-5008 Dielectric Grease is a silicone grease containing a specially formulated base oil and solid lubricants. It has excellent dielectric properties that are maintained when the material is exposed to temperatures above 200°C (392°F) for extended periods. It also inhibits bonding of rubber to ceramic.

How to use

MOLYKOTE® G-5008 Dielectric Grease has been designed for use in automated dispensing equipment in which precise metering is required.

This product can also be applied using a brush or a grease gun.

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

MOLYKOTE® G-5008 Dielectric Grease can be stored for 60 months from date of manufacture at ambient temperatures in its original, closed container.

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		Yellow-green
CTM 0191	Penetration, unworked	mm/10	240-280
DIN 51 818	NLGI class		2-3
ASTM D445	Apparent viscosity at -17°C (0°F)	cSt	52,000
DIN 51810-1	Dynamic viscosity CP25, Shear Rate=500 1/s, T=25°C	mPa*s	5,000
CTM 0033	Bleed, 24 hours at 200°C (392°F)	maximum %	4.0
CTM 0033	Evaporation, 24 hours at 200°C (392°F)	maximum %	2.0
CTM 0114	Dielectric strength average RT	kV/mm	9

⁽¹⁾ASTM: American Society for Testing and Materials. CTM: Corporate Test Methods; copies of CTMs are available on request. DIN: Deutsche Industrie Norm.

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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