

MOLYKOTE® HP-800 Grease

Electrically conductive PFPE grease

Features

- Good compatibility with plastics and rubber
- Wide service-temperature range: -30 to 250°C
- Good electrical conductivity
- No negative effect on electrical contacts

Benefits

- Good electrical conductivity will aid in dissipating static electricity from lubricated components

Composition

- Perfluoropolyether oil
- Additives

Applications

Lubrication of plastic parts in automobiles, electric equipment, audio-visual equipment, precision equipment, office equipment, etc. where electrical conductivity is desired.

How to use

Clean point of lubrication. As is usual with lubricating grease, apply or fill by means of brush, spatula, or automatic dispensing equipment.

Handling precautions

This product is chemically inert and nontoxic. However, decomposed gas at over 250°C is hazardous. Ventilation is required when decomposition is expected.

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 in unopened containers, this product has a usable life of 36 months from the date of production.

Packaging

This product is available in 500 g 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
	Appearance	Color	Black
ASTM D445	Viscosity (40°C)	mm ² /s	420
JIS K 2220	Penetration (unworked)	mm/10	230
	NLGI Class		3
	Service temperature range	°C	-30 to 250
JIS K 2220	Dropping point	°C	None
FTM 791-321	Bleed (200°C/24 hours)	%	7.5
FTM 791-321	Evaporation (200°C/24 hours)	%	0.5
	Volume resistivity (DCAL method)	Ω•cm	4x10 ²

⁽¹⁾ASTM: American Society for Testing and Materials. JIS: Japanese Industrial Standard. FTM: Federal Test Method Standard.

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