

Product Information

Specialty Lubricants

Molykote® 44MA Grease

FEATURES

- Resistant to moisture, oxidation and corrosive atmospheres
- Molybdenum fortified product
- Wide temperature range
- Compatible with many plastics

BENEFITS

- Good compatibility with most rubbers and plastics
- Wide operating temperature range
- Good water washout resistance
- Good load carrying capacity

COMPOSITION

- Lithium soap
- Phenylmethyl silicone oil
- Molybdenum disulfide

A fortified version of Molykote® 44 High Temperature Bearing Grease

APPLICATIONS

- Automotive parts (e.g., brake components, shift levers, etc.)
- Electronic equipment
- Precision instruments

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	Unit	Result
Color		Black
Penetration	Worked 60	250
NLGI #	(Penetration)	1 to 2 (220 to 280)
Dropping point		210°C
Bleed	150°C, 24 hours	2.0%
Evaporation	150°C, 24 hours	1.5%
Temperature range		-40°C to 204°C

DESCRIPTION

Molykote® 44MA Grease is a fortified version of Dow Corning® 44 High Temperature Bearing Grease, employing molybdenum disulfide as the solid lubricant. It combines the unique properties typical of silicone greases with the improved load carrying capabilities of MoS₂.

HOW TO USE

Conventional grease application methods – brush, grease gun or automatic – are suitable for use with MOLYKOTE® 44MA Grease.

USES

Molykote® 44MA Grease can be used to lubricate automotive brake components, shift levers, electronic equipment, and precision instruments which operate over a wide temperature range and require improved load-carrying capability.

HANDLING PRECAUTIONS

Product safety information required for safe use is not included. Before handling, read product and 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 www.dowcorning.com. You can also obtain a copy from your local Dow Corning sales representative or Distributor or by calling your local Dow Corning Global Connection.

USABLE LIFE AND STORAGE

Molykote® 44MA has a shelf life of 36 months when kept in its original sealed container at temperatures above -18°C (0°F).

PACKAGING

20 kg (44 lb) pails.

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, www.dowcorning.com or consult your local Dow Corning representative.

LIMITED WARRANTY INFORMATION - PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Dow Corning's products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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