

# Product Information

## Specialty Lubricants

DOW CORNING

# MOLYKOTE® 44 Medium Silicone Grease

## FEATURES

- Low evaporation
- High oxidation resistance
- Good resistance to water washout
- Compatible with many plastics
- Wide service temperature range

## COMPOSITION

- Silicone oil
- Lithium soap

## High temperature bearing grease

## APPLICATION

- Suitable for rolling-element bearings in oven fans, driers, conveyors, clutch release bearings, plastic components.

## TYPICAL PROPERTIES

Specification writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales representative prior to writing specifications on this product.

Standard*	Test	Unit	Result
	Color		Brown
	<b>Consistency, density, viscosity</b>		
DIN 51 818	NLGI consistency class		2-3
ISO 2137	Worked penetration	mm/10	240-280
ISO 2811	Density at 20°C	g/ml	1.03
DIN 51 562	Base oil viscosity at 25°C	mm²/s	125
	<b>Temperature</b>		
	Service temperature	°C	-40 to +200
ISO 2176	Drop point	°C	<210
ASTM-D147880	Low temperature torque test at -40°C		
	Initial break-away torque	Nm	336.10 <sup>as</sup>
	Torque after 20 minutes running time	Nm	124.10 <sup>as</sup>
	<b>Service life</b>		
DIN 51 821-02-A	FAG rolling element bearing tester FE9, 1500/6000-150, F <sub>1</sub>	h	110
	<b>Resistance</b>		
DIN 51 808	Oxidation resistance, pressure drop 100h, 99°C	bar	0.1
	<b>Oil separation</b>		
	Oil separation		
DIN 51 817	Standard test	%	1.4

\* ASTM: American Society for Testing and Materials

ISO: International Standardisation Organisation

DIN: Deutsche Industrie Norm

## HOW TO USE

### How to apply

Clean bearing surfaces. Apply grease in the normal way using a brush, grease gun or automatic lubricating system. MOLYKOTE 44 Medium Silicone Grease can be used in centralised lubrication systems. Do

not mix with other greases.

## 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 SAFETY DATA SHEET IS AVAILABLE FROM YOUR LOCAL DOW CORNING SALES REPRESENTATIVE.

## **USABLE LIFE AND STORAGE**

When stored at or below 20°C in the original unopened containers, this product has a usable life of 60 months from the date of production.

## **PACKAGING**

This product is available in different standard container sizes. Detailed container size information should be obtained from your nearest Dow Corning sales office or Dow Corning distributor.

## **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 Health, Environment and Regulatory Affairs specialists available in each area.

For further information, please consult your local Dow Corning representative.

## **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. Dow Corning's sole warranty is that the product will meet the Dow Corning sales specifications in

effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. Dow Corning specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless Dow Corning provides you with a specific, duly signed endorsement of fitness for use, Dow Corning disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.