

MOLYKOTE® 1102 GREASE

For gas taps and cocks with metal, glass and plastic combinations

FEATURES

- ◆ Highly resistant to water
- ◆ No drop point therefore no melting or leakage from lubrication points

COMPOSITION

- ◆ Mineral oil
- ◆ Inorganic thickener
- ◆ Solid lubricants

APPLICATIONS

- ◆ Used successfully with natural gas stop-cocks of main and secondary lines in domestic equipment, instantaneous water heaters and similar equipment.
- ◆ Lubrication of smaller taps made of metal, glass or plastic.

TYPICAL PROPERTIES

Specifications writers: These values are not intended for use in preparing specifications. Please contact Dow Corning GmbH, Wiesbaden, Germany before writing specifications on this product.

Standard*	Test	Units	Result
	Colour		Black
	Consistency, density, viscosity		
DIN 51 818	Consistency class, NLGI ¹		ca. 3
ISO 2137	Worked penetration	mm/10	205-240
ISO 2811	Density at 20°C	g/ml	0.96
DIN 51 562	Base oil viscosity at 40°C	mm ² /s	900
DIN 51 562	Base oil viscosity at 100°C	mm ² /s	42
	Temperature		
	Service temperature range	°C	0 to +160 short term +220
ISO 2176	Drop point	°C	None
	Loading capacity, protection against wear		
	Four-ball tester		
DIN 51 350 T.4	Weld load	N	2100
DIN 51 350 pt.5	Wear scar under 800N load	mm	0.85
	Almen-Wieland machine		
	OK load	N	14500
	Frictional force with OK load	N	1300
	Resistance		
DIN 51 807 T.1	Water resistance, static evaluation step		0-90
DIN 51 808	Oxidation resistance, pressure drop 100h, 99°C	bar	1.3
	Oil separation		
DIN 51 817	Standard test	%	0.0

1. National Lubricating Grease Institute.

* ISO: International Standardisation Organisation

DIN: Deutsche Industrie Norm

HOW TO USE

How to apply

Clean the contact areas. As is usual

with lubricating greases, apply by means of a brush, spatula, grease-gun or automatic lubrication device. Can be used in central lubrication systems.

If plastics or elastomers are present, compatibility tests for swelling and shrinkage, stress-crack formation, changes in strength and hardness, should be carried out because of the difference in their qualities.

HANDLING PRECAUTIONS

A Product Safety Data Sheet should be obtained from your nearest Dow Corning sales office prior to use.

ATTENTION: Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.

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.

Dow Corning will guarantee the usable life of this product until the date indicated on the packaging. This date is shown by the letters "EXP" (meaning Expiry) followed by 4 digits, which stand for the month (last day) and year. Example: "EXP 03/99" means use by 31 March 1999.

PACKAGING INFORMATION

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

Dow Corning's Health, Environment and Regulatory Affairs (HERA) Department is available to support customers for their product safety needs. For further information, you can contact this group at:

Dow Corning Europe
HERA Department
Rue Général de Gaulle, 62
B-1310 La Hulpe
Belgium

TEL:
Int +32 (0)2 655 2523
Int +32 (0)2 655 2304
FAX:
Int +32 (0)2 655 2013

The information contained herein is offered in good faith based on Dow Corning's research and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information shall not be used in substitution for customer's tests to ensure that Dow Corning's products are fully satisfactory for your specific applications. Dow Corning's sole warranty is that the product will meet its current sales specifications. 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.

UNITED KINGDOM, NORDIC COUNTRIES, BENELUX, SOUTH AFRICA, EIRE & MIDDLE EAST
Dow Corning
UNITED KINGDOM
Tel: INT + 44 (0)1 676 52 80 00
Fax: INT + 44 (0)1 676 52 80 01

POLAND
Dow Corning Polska Sp. z o.o.
Tel: INT + 48 (0)22 645 14 45
Fax: INT + 48 (0)22 645 14 40

AUSTRIA, GERMANY, SWITZERLAND & EASTERN EUROPE
Dow Corning GmbH
GERMANY
Tel: INT + 49 (0)611 - 23 71
Fax: INT + 49 (0)611 - 237 610

SPAIN & PORTUGAL
Dow Corning Ibérica S.A.
SPAIN
Tel: INT + 34 (0)93 - 405 12 15
Fax: INT + 34 (0)93 - 405 38 94

ITALY & EASTERN MEDITERRANEAN COUNTRIES
Dow Corning S.p.A.
ITALY
Tel: INT + 39 039 - 60 711
Fax: INT + 39 039 - 68 99 660

FRANCE & NORTH AFRICA
Dow Corning France S.A.
FRANCE
Tel: INT + 33 (0)4 72 84 13 60
Fax: INT + 33 (0)4 72 84 13 79

**R
12/98**