

Specialty Lubricants

MOLYKOTE® D Paste

FEATURES

- High load-carrying capacity
- Prevents stick-slip and seizure
- Good corrosion protection
- Excellent protection against galling and fretting corrosion
- Cleanness

COMPOSITION

- Thickener
- Mineral oil
- Solid lubricants

Light-colored, solid lubricant paste for assembly and running-in of metallic components

APPLICATIONS

- Sliding surfaces and friction contacts exposed to heavy loads, requiring "clean" lubrication, particularly at low speeds, and as a running-in lubricant.
- Used successfully, for example, on many friction contacts of electrical and domestic appliances, packaging and office machinery, precision instruments, machinery in foodstuffs and beverages industry, as well as in textile and plastics processing machinery.
- Wherever thin-film lubrication is impossible, the white multi-purpose grease-paste MOLYKOTE® DX Paste is recommended. This can also be applied with a brush or rag, and may even be applied with a grease-gun.

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		Whitish
	Penetration, density		
ISO 2137	Unworked penetration	mm/10	250-280
ISO 2811	Density at 20°C (68°F)	g/ml	1.2
	Temperature		
	Service temperature	°C	-25 to +250
		°F	-13 to +482
	Load-carrying capacity, wear protection, service life		
	Four-ball tester (VKA)		
DIN 51 350 pt.4	Weld load	N	2600
DIN 51 350 pt.5	Wear scar under 800N load	mm	1.08
	Almen-Wieland machine		
	OK load	N	20000
	Coefficient of friction		
	Press-Fit test $\mu =$		0.10, no chatter
	Resistance		
DIN 51 807 pt.1	Water resistance, static, evaluation		1-90
	Corrosion protection		
DIN 51 802	SKF-Emcor method		
	Degree of corrosion		0
Deyber	Fretting Corrosion	cycles	36x10 ⁶

* DIN: Deutsche Industrie Norm.

ISO: International Standardisation Organisation.

HOW TO USE

How to apply

The sliding surfaces or contact points should be cleaned. The paste should then be applied with a brush, rag, artificial sponge or chamois leather, or be sprayed on with a spray can. It should not be used to excess like grease lubrication. Do not mix with greases or oils.

HANDLING PRECAUTIONS

Avoid contact with the eyes. Spray cans: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C (122°F). Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children. Without adequate ventilation formation of explosive mixtures may be possible. Extremely flammable. Do not breathe spray. Avoid contact with skin and eyes. Use only in well ventilated areas.

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

When stored at or below 20°C (68°F) in the original unopened containers, MOLYKOTE D Paste 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 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

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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.

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