

# Specialty Lubricants

## MOLYKOTE® DX Paste

**A white grease paste suited for long-term lubrication for metal parts and for assemblies**

### FEATURES

- Superior load carrying capability and wear resistance
- Good water-resistance and water-washed resistance
- Prevents stick-slip and seizure
- Good corrosion protection
- White color contributes to a sense of cleanliness

### COMPOSITION

- Mineral oil
- Lithium soap
- White solid lubricants
- Corrosion inhibitor

### APPLICATIONS

- Sliding surfaces and friction contacts exposed to heavy loads, requiring "clean" lubrication, especially at low to medium speeds.
- For use in home furnishings, electrical appliances, packaging equipment, office equipment, precision equipment, plastic processing equipment, textile equipment.

### 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*	Parameter	Unit	Value
	Appearance		White
	Base oil viscosity at 40°C	mm <sup>2</sup> /s	110
JIS K 2220	Penetration (worked 60 times)	mm/10	300
	NLGI class		1 to 2
	Service temperature range	°C	-25 to 125
	Density	g/cm <sup>3</sup>	1.1
ASTM D 2596	Four ball weld load (1500rpm/1minute)	N	4800
ASTM D 2266	Four ball wear scar (1200rpm, 780N, 1 hour)	mm	0.75
	Press-fit test, coefficient of friction		0.10
DIN 51 802	Emcor corrosion test		2 to 3

\*JIS: Japanese Industrial Standard.

ASTM: American Society for Testing and Materials.

DIN: Deutsches Industrie Norm.

### HOW TO USE

Clean points of application. As is usual with lubricating greases, apply or fill by means of a brush, spatula, or automatic lubrication device.

### HANDLING PRECAUTIONS

This product may irritate the skin or eyes. Wear safety equipment as necessary when handling this product. In the event of contact with skin or eyes, immediately rinse thoroughly with water and seek medical care if necessary. Wash hands thoroughly after handling. At high temperatures in excess of 200°C, the breakdown of fluorinated polymer can cause the release of a small amount of toxic gas. Ensure adequate ventilation.

## **USABLE LIFE AND STORAGE**

When stored, unopened in a cool, dark place this product, has a usable life of 60 months from the date of production.

## **PACKAGING**

This product is available in 1kg cans (10 cans/case).

## **CAUTION**

1. Data included in this document are average values, not specification values. Any applications for this product given in this document are merely examples. Perform thorough evaluations to confirm functionality, effectiveness, and safety before use.
2. No guarantees are made that the applications described in this document are free from infringements of any patent.
3. This product was developed for industrial use, and is not intended for use in medical equipment, pharmaceutical products, etc.
4. Be sure to read the material safety data sheet (MSDS) and container label for this product before use.
5. Contact Dow Corning Asia, Ltd., before reproducing any data from this document.

WE HELP YOU INVENT THE FUTURE.™

**[www.dowcorning.com](http://www.dowcorning.com)**