

Product Information Specialty Lubricants



DOW CORNING

Molykote[®] P-37 Paste

FEATURES & BENEFITS

- Compatible with high temperatures (1400°C)
- Excellent load-carrying capacity and seize protection
- Sulphur content of less than 250 ppm, with a total halogen content (including chlorine) of less than 200 ppm
- Low seepage, so it can be used in places wherein cleanliness is required
- Allows screws to be removed easily even after extended periods of use at high temperatures
- Does not include components that become brittle at high temperatures

COMPOSITION

- Mineral oil
- Special solid lubricants

Prevents seize of austenite steel and high nickel chromium steel alloy screws used at high temperatures

APPLICATIONS

- Prevents seize of screws used at high temperatures
- Approved for use by many manufacturers of set screws used in power plant turbines, and manufacturers of steam valve joints

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*	Property	Unit	Result
	Appearance		Gray black
ISO 2137	Unworked penetration	mm/10	280 to 310
	NLGI class		1
	Service temperature range	°C	-30 to 1400
	Density	g/cm ³	1.21
ASTM D 2596	Four ball weld load (1500 rpm 1 minute)	N	4,000
ASTM D 2266	Four ball wear scar (1200 rpm, 392N, 1 hour)	mm	0.75
	Total halogen	ppm	200 (max)
	Sulphur content	ppm	250 (max)

*ISO: International Standardization Organization
ASTM: American Society for Testing and Materials

HOW TO USE

Clean and degrease the location of use before applying this product. Use a wire brush to remove any sludge or rust on the screws. Carefully apply the paste to fully coat the screws. Do not mix with other lubricants.

**HANDLING PRECAUTIONS
PRODUCT SAFETY
INFORMATION REQUIRED FOR
SAFE USE IS NOT INCLUDED IN
THIS DOCUMENT. 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 ON THE
DOW CORNING WEBSITE AT
DOWCORNING.COM, OR FROM
YOUR DOW CORNING SALES
APPLICATION ENGINEER, OR
DISTRIBUTOR, OR BY CALLING
DOW CORNING CUSTOMER
SERVICE.**

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 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

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, 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 our 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.

Dow Corning's sole warranty is that our products will meet the 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.

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