

# Dow Corning® High-Vacuum Grease

## FEATURES

- Good lubricating and sealing ability
- Low volatility
- Excellent resistance to water, chemicals, high and low temperatures

## COMPOSITION

- Silicone oil
- Inorganic thickener

Stiff, non-melting silicone lubricating material

## APPLICATIONS

- Seals and lubricates chemical processing equipment.
- Lubricating plug valves, control valves, flow meter bearings, ceramic plug cocks, fire extinguisher valves, water treating equipment, synthetic rubber gaskets and seals in high temperature applications.
- Sealing vacuum and pressure systems.
- Lubricating O-rings in binoculars and telescopes. Prevents fogging of delicate lenses.

## 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.

Standard*	Property	Unit	Result
	Color		White to grey, translucent
	Physical nature		Stiff compound
ISO 2137	Penetration, unworked	mm/10	175 to 210
ISO 2137	Penetration, worked 60, max.	mm/10	260
CTM 0033A A	Bleed, 24 hours; 200°C	%	<0.5
CTM 0033A B	Evaporation, 24 hours; 200°C	%	<2.0
	Melting point	°C	None

\* CTM: Corporate Test Method, copies of CTMs are available on request.

## PERFORMANCE DATA

### Solubility

Dow Corning® High-Vacuum Grease is insoluble in water, methanol, ethanol, acetone, glycol and glycerine. It can be dispersed in kerosene, stoddard solvent, benzene, toluene, ethyl ether or petroleum ether

### Chemical resistance

Dow Corning High-Vacuum Grease is unaffected by most vegetable and minerals oils, many organic compounds, and most common gases. It is also resistant to most aqueous solutions of inorganic salts and to dilute acids and alkalis. The suitability of Dow Corning

High-Vacuum Grease should always be tested before the material is adopted for regular use.

## HANDLING PRECAUTIONS

In case of eye contact, flush eyes with water.

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 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](http://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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**DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

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