

# Product Information

## High Performance Lubricants

DOW CORNING

# Molykote<sup>®</sup> PG-54 Plastislip

## FEATURES

- Good compatibility with plastics and rubber
- Wide operating temperature range (-50° to 180°C)
- Silicone based grease

## BENEFITS

- Low coefficient of friction
- Good corrosion protection
- Long term lubrication for a variety of substrates

## APPLICATIONS

- Especially suited for the low friction operation of most rubber or plastic parts such as:
  - Bearing bushings, gears and chains
  - Sealing rings, sliding tracks and switches
  - Flexible control cables
- Which are typically found in:
  - Bowden cable control systems
  - Electric motors and gearboxes
  - Household and garden appliances
  - Automotive brake systems
  - Automotive clutch systems

## 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.

Property	Value
Penetration, worked 60, mm/10	245 - 275
Four Ball Test wear scar, 1 hour @ 400N, mm	2.0
Water Washout @ 80°C (176°F), %	1.0
Oil Evaporation, 24 hours @ 100°C, %	0
Coefficient of Friction (steel ball: plastic substrate, 6.3N load, 10 mm/sec rate)	0.04
Temperature Range	-58°F to 356°F (-50° to 180°C)

## DESCRIPTION

Molykote<sup>®</sup> PG-54 Plastislip is a special silicone oil-based grease with a wide temperature range and good high pressure and corrosion protection properties. It is designed for the long-term lubrication of metal/plastic, plastic/plastic and reinforced rubber/oil resistant and non oil resistant combinations with high softener content.

## HOW TO USE

Apply to clean, dry substrates using conventional grease application methods, e.g., brush, grease gun or automatic feed.

## HANDLING PRECAUTIONS

**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](http://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

*Molykote*<sup>®</sup> PG-54 has a shelf life of 60 months when kept in its original sealed container at temperatures above -18°C (0°F).

## PACKAGING

*Molykote*<sup>®</sup> PG-54 is supplied in 25 kg (55 lb) open-top pails and 180 kg (396 lb) drums.

## 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](http://www.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 Dow Corning's 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.

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