

MOLYKOTE® 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; and flexible control cables, which are typically found in Bowden cable control systems, electric motors and gearboxes, household and garden appliances, automotive brake systems, and automotive clutch systems.

Description

MOLYKOTE® 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 IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

Typical properties

Specification writers: These values are not intended for use in preparing specifications. Please contact your local MOLYKOTE® sales representative prior to writing specifications on this product.

Standard	Test	Unit	Result
	Penetration, worked 60	mm/10	245-275
	Four Ball Test wear scar, 1 hour @ 400 N	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, 6.3 N load, 10 mm/sec rate)		0.04
	Temperature Range		-58°F to 356°F (-50° to 180°C)

Usable life and storage

MOLYKOTE® PG-54 Plastislip has a shelf life of 60 months when kept in its original sealed container at temperatures above -18°C (0°F).

Packaging

MOLYKOTE® PG-54 Plastislip is supplied in 25 kg (55 lb) open-top pails and 180 kg (396 lb) drums.

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