

Information About *Molykote*[®] G-807 Low Friction Silicone Compound

Type

PTFE modified silicone compound

Physical Form

Light-consistency grease

Special Properties

Wide service temperature range; compatible with many plastic and rubber materials; good corrosion resistance; low friction properties

Primary Uses

Lubrication of metal/plastic and metal/rubber substrates in applications such as automotive ball joints, and brake caliper pins

Useful Temperature Range

-40° to 150°C (-40° to 302°F)

DESCRIPTION

Molykote[®] G-807 Low Friction Silicone Compound is a soft silicone compound containing specially formulated solid lubricants. It has excellent compatibility with plastics and rubber materials. It also has good corrosion resistance and low friction properties.

TYPICAL APPLICATIONS

Molykote G-807 Low Friction Silicone Compound is designed primarily for plastic/metal and metal/rubber lubrication in electromechanical applications such as automotive ball joints, and brake caliper pins.

HOW TO USE

Molykote G-807 Low Friction Silicone Compound can be applied using conventional grease application methods, including brush, grease gun, or automatic dispensing.

TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.

Color	White
Penetration, unworked	300 to 330
Bleed, 24 hours at 150°C (302°F), maximum percent	0.5
Evaporation, 24 hours at 150°C (302°F), maximum percent	1.0
Melting Point	None
Specific Gravity	1.146

Specification Writers: Please obtain a copy of the Dow Corning Sales Specification for this product and use it as a basis for your specifications. It may be obtained from any Dow Corning Sales Office, or from Dow Corning Customer Service in Midland, MI. Call (517) 496-6000.

SHIPPING LIMITATIONS

None.

STORAGE AND SHELF LIFE

Molykote G-807 Low Friction Silicone Compound can be stored for 60 months from date of manufacture at ambient temperatures in its original, closed container.

Shelf life information is subject to change. Refer to the Sales Specification for current shelf life information.

PACKAGING

Molykote G-807 Low Friction Silicone Compound is available in 18-kg (40-lb) pails and 200-kg (440-lb) drums.

LIMITATIONS

Not intended for medical use.

SAFE HANDLING INFORMATION
PRODUCT SAFETY INFORMATION
REQUIRED FOR SAFE USE IS NOT
INCLUDED. BEFORE HANDLING,
READ PRODUCT AND MATERIAL
SAFETY DATA SHEETS AND CON-
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Dow Corning Corporation
Midland, Michigan 48686-0994

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