

Product Information

High Performance Lubricants

Molykote® G-804 Silicone Compound

Silicone Fluid thickened with inert silica filler

APPLICATIONS

Automotive spark plug boots, steering and suspension boot seals, etc.

FEATURES

- ◆ Lubricant for rubber and plastic O-ring gaskets, seals, and bushings.
- ◆ Chemical and/or water-resistant barrier coating.
- ◆ Sealant and release agent for transformer gaskets and equipment enclosures to help prevent gaskets from sticking to metal and to resist weathering and water washout.

BENEFITS

- ◆ Nonmelting; low volatility
- ◆ Moisture resistant
- ◆ Good thermal, oxidation, and chemical stability

COMPOSITION

- ◆ Grease-like, silica-thickened fluid

TYPICAL PROPERTIES

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

CTM*	ASTM*	Property	Unit	Value
		Color		White/translucent
		Penetration		175-225
		Penetration	Unworked	280
		Bleed	Worked	60 strokes
		Service temp	24 hrs @ 200 C	% max 1.0
				°C -40 to 204
		Specific Gravity	@ 25 C	1.0

* CTM : Corporate Test Method, copies of CTM's are available on request.

ASTM : American Society for Testing and Materials.

DESCRIPTION

G-804 Silicone Compound is a stiff, nonmelting paste that will not carbonize and will remain serviceable at temperatures from -40° to 204° (-40° to 400° F). In addition, it has a very low vapor pressure and will resist melting or hardening upon long exposure to elevated temperature.

HOW TO USE

Molykote G804 Silicone Compound can be applied manually, by specially designed automated equipment, or by brushing or wiping.

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. 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

When stored at or below 25°C (77°F) in the original unopened container, this product has a usable life of 60 months from the date of production.

PACKAGING

This product is available in 199.5-kg drums

Samples are available in 2.2-kg tubs

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 Health, Environment and Regulatory Affairs specialists available in each area.

For further information, please see our website, 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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