

Product Information

High Performance Lubricants

DOW CORNING

Molykote[®] D-708 Anti-Friction Coating

FEATURES

- Cured film has an operating temperature range of -60 to 240°C (-76 to 464°F)

BENEFITS

- Low coefficient of friction
- Glossy black appearance
- Excellent corrosion protection

Anti-Friction Coating

APPLICATIONS

- Recommended for the lubrication/corrosion protection of metal/metal and metal/plastic pairings under low to medium loads.
- Applied coating is a solid film lubricant designed to provide lubrication properties and corrosion protection plus a high quality surface finish..
- Automotive applications for this material include safety belt components, transmission parts, door locks, etc.

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
<u>As Supplied</u>	
Viscosity, Zahn #3 Cup, sec	7 - 10
Density (at 25°C), g/ml	0.95
Flash Point, °C (°F)	0°C (32°F)
Cure Time,	
at 180°C (356°F), minutes	60
at 200°C (392°F), minutes	20
Coverage, at 10 microns cured film thickness, ft ² /lb	60
<u>As Cured</u>	
Coefficient of Friction	
(Polymer-Tester: 50 cycles, 250g., 20mm stroke)	0.11
Temperature range, °C (°F)	-60 to 240 (-76 to 464)
Falex Pressure Resistance (ASTM D 2625), Newtons	1220
Corrosion Protection, ISO R 1456 salt spray test,	
11 micron coating thickness applied over	
zinc phosphate, hours	>700

DESCRIPTION

Molykote[®] D-708 Anti-Friction Coating is a dispersion of solid lubricants in an organic resin-solvent system.

HOW TO USE

Stir well before use. Clean and degrease metal surfaces before application. *Molykote*[®] D-708 is formulated for application by either spray or dip coat process. Recommended film thickness is 5 - 15 microns. To adjust coating viscosity, the material should be diluted with methyl ethyl ketone (MEK) solvent.

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

Molykote[®] D-708 has a shelf life of 6 months when kept in its original sealed container at temperatures above -18°C (0°F).

PACKAGING

Molykote[®] D-708 is supplied in 18 liter (72.2 kg) pails.

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 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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