

Product Information
Specialty
Lubricants



MOLYKOTE® D 3484
Anti-friction Coating

FEATURES

- Combines excellent lubricating effect with good corrosion protection
- High flash point, hence particularly suitable for series production operations
- High compressive strength
- High abrasion resistance, hence long service life

COMPOSITION

- Solid lubricants
- Organic binders
- Solvents

Heat-hardening, anti-friction coating

APPLICATIONS

- Sliding coating of metal/metal combinations with slow to moderately fast movements and moderate to high loads.
- Suitable for the permanent lubrication of friction pairs with high compressive stress and low speeds, and also where, for technical reasons or because the risk of soiling is unacceptable, oil or grease cannot be used.
- Used successfully for pawls of safety cut-outs, carburetor springs, lorry coupling sleeves, toothed gears and parts of car safety belts and car-boot lock parts.
- Bolts and levers in tractors and construction machines.

TYPICAL PROPERTIES

Specification 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.

Standard	Test	Unit	Result
	Color		Grey-black
ISO 2811	Density		
	Density at 20°C	g/ml	1.11
	Temperature		
	Service temperature	°C	-70 to +250
	Load-carrying capacity, wear protection, service life		
ASTM-D2625	Falex pressure resistance	N	12500
ASTM-D2714	LFW-1, rotating ¹		b=298000*
	F = 2860N ¹		p=126000*
	n = 72 rpm, v = 7.9m/min ¹		s=149000*
	no. of revolutions to $\mu = 0.1$		
	LFW-1, oscillating ¹		b=90000*
	F = 900N, ¹		p=245000*
	frequency = 89.5 osc/minutes ¹		s=306000*
	no. of oscillations to $\mu=0.08$		
	Corrosion protection		
ISO/R 1456	Salt spray test	h	18

1. * b=blank, p=phosphatized, s=sand-blasted.

HOW TO USE

How to apply

Carefully degrease the sliding surfaces, and allow to dry. Stir the anti-friction coating thoroughly and apply by spraying, dipping, centrifuging, or brushing.

The sliding surfaces should be coated as uniformly and thinly as possible.

Air drying: 12 hours at 20°C.
 Stoving: 10 minutes at 170°C or 5 minutes at 200°C.

Thinning can be carried out using MOLYKOTE® L13 Thinner.

HANDLING PRECAUTIONS

Hands should be washed before eating, drinking or smoking. Avoid contact with the eyes and skin. The warnings on the label apply also to the residue in the container.

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 SAFETY DATA SHEET IS AVAILABLE FROM YOUR LOCAL DOW CORNING SALES REPRESENTATIVE.

USABLE LIFE AND STORAGE

When stored at or below 20°C in the original unopened containers, MOLYKOTE D 3484 Anti-Friction Coating has a usable life of 60 months from the date of production.

PACKAGING

This product is available in different standard container sizes. Detailed container size information should be obtained from your nearest Dow Corning sales office or Dow Corning distributor.

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 consult your local Dow Corning representative.

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. Dow Corning's sole warranty is that the product will meet the Dow Corning sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. Dow Corning specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless Dow Corning provides you with a specific, duly signed endorsement of fitness for use, Dow Corning disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.