

MOLYKOTE® D 3484 ANTI-FRICTION COATING

Heat-hardening, 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

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

Specifications writers: These values are not intended for use in preparing specifications. Please contact Dow Corning GmbH, Wiesbaden, Germany before writing specifications on this product.

Standard	Test	Unit	Result
	Colour		Grey-black
	Density		
ISO 2811	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 F = 2860N ¹ n = 72 rpm, v = 7.9m/min ¹ no. of revolutions to $\mu = 0.1$		b=298000* p=126000* s=149000*
	LFW-1, oscillating ¹ F = 900N, ¹ frequency = 89.5 osc/minutes ¹ no. of oscillations to $\mu=0.08$		b=90000* p=245000* s=306000*
	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.

A Product Safety Data Sheet should be obtained from your nearest Dow Corning sales office prior to use.

ATTENTION: Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.

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.

Dow Corning will guarantee the usable life of MOLYKOTE D 3484 Anti-Friction Coating until the date indicated on the packaging. This date is shown by the letters "EXP" (meaning Expiry) followed by 4 digits, which stand for the month (last day) and year. Example: "EXP 03/99" means use by 31 March 1999.

PACKAGING INFORMATION

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

Dow Corning's Health, Environment and Regulatory Affairs (HERA) Department is available to support customers for their product safety needs. For further information, you can contact this group at:

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