

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 for 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 cutouts, 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.

How to use

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.

Typical properties

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

Standard ⁽¹⁾	Test	Unit	Result
	Color		Gray-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	12,500
ASTM D2714	LFW-1, rotating ⁽²⁾ F=2,860 N, n=72 rpm, v=7.9 m/min, no. of revolutions to $\mu = 0.1$		b=298,000 p=126,000 s=149,000
ASTM D2714	LFW-1, oscillating ⁽²⁾ F=900 N, frequency=89.5 osc/minutes, no. of oscillations to $\mu = 0.08$		b=90,000 p=245,000 s=306,000
Corrosion protection			
ISO/R 1456	Salt spray test	h	18

⁽¹⁾ISO: International Standardization Organization. ASTM: American Society of Testing and Materials.

⁽²⁾b=blank, p=phosphatized, s=sandblasted.

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 IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND 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 24 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 MOLYKOTE® sales office or MOLYKOTE® distributor.

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