MOLYKOTE® Metalform Wax Solution

Transparent wax solution for forming operations at metals

Features

- Extending tool life
- Effective even in very small quantities (thin-film lubrication)
- Particularly effective on high-grade steel and aluminum
- Pretreated components can be handled and dispatched without risk of contamination

Composition

- Synthetic wax
- Corrosion inhibitor
- Solvents

Applications

Suitable for cold forming of austenitic and ferritic steels, aluminum and its alloys, copper and brass; also as a noncontaminating lubricant in the paper and textile industries and wherever clean lubrication is required. Used successfully for deep-drawing, embossing, stamping, bending, cold extrusion and cold forging of aluminum, for the calibration of metal parts; also for lubricating self-tapping screws, cutting blades, guide rails, furniture hinges and joints.

How to use

Apply to clean, dry surfaces by means of spraying, dipping or brushing.

Handling precautions

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, this product has a usable life of 60 months from the date of production.

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		Colorless, transparent
	Density		
ISO 2811	Density at 20°C	g/ml	0.76
	Load-carrying capacity, wear protection		
	Four-ball tester (VKA)		
DIN 51 350 pt.2	Weld load	N	1,200
DIN 51 350 pt.3	Wear scar under 400 N load	mm	0.85

[1] ISO: International Standardization Organization. DIN: Deutsche Industrie Norm.

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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