

Technical data

MOLYFORM 1005

The logo for MOLYSLIP, featuring the brand name in a bold, italicized, sans-serif font with a registered trademark symbol, set against a red rectangular background.

Multi-purpose evaporative metal forming lubricant

Description

MOLYFORM 1005 is a specially formulated light viscosity evaporative cold metal forming lubricant, suitable for use on a wide range of ferrous and non-ferrous metals – including aluminium and a range of galvanized and Zintec coated steels.

MOLYFORM 1005 incorporates advanced synthetic additives that provide excellent film strength and lubricity which prevent metal pick up between the work piece and tool thereby reducing pick-up and scoring. As a result, MOLYFORM 1005 is suitable for use on many bending, blanking, piercing and 'Fin' forming operations of light gauge materials providing a cost-effective route to improved product quality and tool life and increased productivity.

The evaporative nature and light viscosity of MOLYFORM 1005 facilitates use as a vanishing film, eliminating the need to degrease components in some circumstances and minimising 'slug pulling' when piercing thin gauge materials.

Features and benefits

- Suitable for use on a wide range of metals and forming processes
- Reduces metal pick-up and scoring
- Light viscosity, vanishing film
- Minimises 'slug pulling' of thin gauge materials
- Low residue, easily cleaned

Packaging

20ltr & 205ltr

Molyslip Atlantic Limited, 4 Huntsman Drive, Northbank Industrial Park, Irlam, Manchester, M44 5EG, UK
Tel: +44 (0)161 804 4700 Fax: +44 (0)161 804 4701 enquiries@molyslip.co.uk www.molyslip.co.uk

Company registration number: 02664511; Company registered in England VAT registration number GB578295191

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Instructions for use

MOLYFORM 1005 is supplied ready for use.

MOLYFORM 1005 can be applied by brush, drip, roller or spray applied by either airless or air assisted spray systems.

Note: Where absolute freedom from surface discolouration is essential, it is recommended that compatibility trials are conducted prior to use.

Technical data (typical values)

Property	Test method	Result
Appearance	MSTM 1	Clear colourless liquid
Odour	MSTM 10	Characteristic
Base fluid	-	Hydrocarbon
Kinematic viscosity @ 40°C	MSTM 27	1.4 cSt
Density @ 20°C	MSTM 23	0.76 g.cm ³
Aniline point	ASTM D611	~70°C
Flash point	MSTM 38	>60°C
Solubility	Water	Insoluble
	Organic solvent	Fully soluble

Storage

Store MOLYFORM 1005 out of direct sunlight.

Storage temperature should be controlled to between 5°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.
Issue date 02-22

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