

Technical data

Molyslip Dry Graphite Spray

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.

Bonded Dry Graphite Lubricant

Description

MOLYSLIP DRY GRAPHITE SPRAY is a high performance, resin bonded, dry film lubricant based on high purity graphite. When applied to metal substrates the graphite forms a resilient, low friction film that protects against wear and corrosion.

DRY GRAPHITE SPRAY reduces metal pick-up and galling during component assembly and dry start up conditions and where traditional “wet” lubricants either can’t be used or do not provide adequate lubrication. DRY GRAPHITE SPRAY can be used in a wide variety of operating conditions – the applied film will operate between -50°C and + 550°C without flaking or cracking. Unlike oils and greases the dry nature of the film will not attract dirt and dust and it is resistant to water wash-off making it ideal for use in extreme environments.

MOLYSLIP DRY GRAPHITE SPRAY is typically used as a dry-film blank mould pre-treatment in the glass container industry where the bonded graphite film removes the need to manually swab with ‘wet film’ compounds during set-up when consistent running conditions are required. DRY GRAPHITE SPRAY can also be applied to baffles, blow moulds, bottom plates, neck rings etc.

Features and benefits

- Resin bonded temperature resistant low friction coating
- Easy to use - Ambient temperature curing
- Long service life
- Provides consistency during machine set-up
- Maintains even glass distribution
- Reduces thermal shock and allows clean release of ware from mould cavities

Packaging

400ml

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

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Instructions for use

Shake well, hold can upright and spray from a distance of approximately 15-30cm.

Coat the metal surface evenly and allow to dry.

Touch dry in approximately 1 minute.

Fully cured in 2-4 hours.

Lightly burnish the surface with a lint free cloth to remove 'free' graphite from the surface.

After spraying invert the can and spray until clear (failure to do this can result in valve blockage).

Technical data (typical values)

Property	Test method	Result
Appearance	-	Grey/black dry film
Bonding resin	-	Inorganic
Propellant	-	LPG
Solid Lubricant	-	Graphite
Touch dry	Mins	1
Fully cured	Hours	2-4

Storage

Store MOLYSLIP DRY GRAPHITE SPRAY out of direct sunlight.

Storage temperature should be controlled to between 15°C and 40°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.
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