

KLINGER®flon-Spray

Separating-, anti-seizing- and lubricating agent

KLINGER®flon Spray is a separating-, anti-seizing- and lubrication agent on a TFE base (tetra-fluor-ethulenteimer) – it is dispergent in CHC- and HCFC-exempt solvents – and thinned with a special benzene dilutant.

The handy KLINGER®Flon aerosol ensures a clean and rapid application of the agent.

After application and the evaporation of the solvent, there remains a thin white TFE coating bound by a bonding agent, with the typical characteristics of fluorine plastics – such as:

- » a separating and anti-adhesive effect
- » temperature resistant up to +265°C
- » practically chemically inert, resistant to acids, alkalis and solvents
- » physiologically compatible
- » self-lubricating effect at low-rate friction coefficients

Form of supply

TFE emulsion is supplied in thinned form ready for use as: KLINGER®flon aerosols of 400 ml content, in cartons of 12

Order example:

120 aerosols of KLINGER®flon Spray of 400 ml content = 10 cartons as per Info Sheet KF 500

Application

KLINGER®flon spray is well proven CHC- and HCFC- and silicon-exempt separating agent for plastics, elastomers (rubber) and adhesives.



The TFE layer prevents parts from sticking to the mold and helps increase demolding rates in injection molding, lamination, and pressing cycles by enabling quick and easy demolding. Post-processing problems and defects such as orange peel or bubbles are reduced.

For example, when processing epoxy resins with an air-dried TFE layer, 8 to 10 trouble-free demolding cycles are possible between each new application.

Coatings with KLINGER®flonSpray are completely oil-free, non-staining, and non-transferable, meaning they cause no problems during subsequent printing, metallization, bonding, or painting of the molded parts. They are compatible with virtually all plastics available on the market. In all branches of industry, in workshops, and in the private sector, KLINGER®flonSpray is a valuable aid when it comes to achieving grease-free, **dry, and non-soiling lubrication.**

To achieve good adhesion of the TFE coating, the surface of the object to be coated must be completely dry and free of dirt and repellent substances (grease, oil, etc.).

Apply only in thin coats. Greater layer thicknesses require multiple applications with intermediate drying.

KLINGER®flon spray contains CFC- and HCFC-free solvents, e.g., special gasoline. Safety guidelines, regulations, and laws regarding the handling of flammable solvents must be observed.

The coating must not come into contact with open flames or embers or hot surfaces to prevent ignition and the formation of decomposition products. Ensure good ventilation. All safety regulations regarding the handling of aerosol spray cans and instructions printed on the can must be observed.

**Certified according to
DIN EN ISO 9001:2015**

Subject to technical
alterations.
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KLINGER GmbH
Rich.-Klinger-Straße 37
D-65510 Idstein

Tel +49 (0) 6126 4016-0
mail@klinger.de
www.klinger.de

