Technical Information PTFE dry



Dry, surface lubricant to treat mechanical parts of metal and plastic, where no residues of oil or grease are desired. PTFE dry leaves no residues of oil or grease (dry film) and prevents wear and sticking. PTFE dry has a very low friction factor and an excellent adhesion and is resistant to weather influences. PTFE dry is suitable for parts which are liable to light load and low speed. MoTip PTFE Dry can also be used as release agent for moulds, where the use of silicones is not desired.

Quality and properties

- No residues of oil or grease (dry film)
- Very low friction factor
- Excellent adhesion
- Prevents wear and sticking
- Suitable for parts which are liable to light load and low speed
- Resistant to weather influences
- Suitable as release agent for moulds, where the use of silicones is not desired
- Directed jetspray

Physical and chemical data

- **Basis**: Polytetrafluoretheen
- **VOC-content:** approximately 99% w/w
- **Colour:** white-transparent
- **Appearance:** white powder
- **Yield**: 1.74 g/sec.
- **Vapour pressure at 20°C**: 3 - 4 bar
- **Particle size**: 5 µm
- **Drying time (at 23°C, 50% relative air humidity)**:
  Drying approx. 5 minutes
  The drying time depends on surrounding temperature, air humidity and thickness of the applied coat.
- **Temperature resistance**: -50°C to +250°C
- **Storage stability:**
  10 years if appropriate storage provided (=10°-25°C, relative air humidity of max. 60%)
- **Size:**
  aerosol can, maximum nominal volume 500 ml

Environment and labelling

Environmentally compatible: European Aerosols is committed to apply formulations without restricted or critical ingredients and to achieve best possible performance. The caps and packagings are made of recyclable material.

Disposal: Please mind the residue inside the containers. Completely emptied containers can be used for recycling. If cans are not emptied, they should be disposed off as "special refuse".
Only for DE: In order to ensure a high reuse and recycling rate, the legislator requires, in accordance with §15 - VerpackG, Paragraph 1, the return of transport, sales or outer packaging, alternatively, however, deviating agreements can also be made.

Labelling: All products of European Aerosols comply with the current status of their labelling regulations. Classification and distinction takes place by the presently legal form of the **Globally Harmonized System of Classification and Labelling of Chemicals** (GHS) or rather by CLP 1272/2008/EG regulations. Our safety data sheets comply with the current form of REACH 1907/2006/EG, article 31 und appendix II,

Instruction manuel

Before use, carefully read and observe the warning texts on the label!

Application:

- Bring the can to room temperature.
- Optimal operating temperature 5° - 30°C.
- Shake can vigorously before use.
- Apply MoTip PTFE dry in a thin even layer.
- A dry PTFE film is left after evaporation (ca. 1 minute).

Tips for spray painting

Protect the object and the surrounding area from spray mist.
Temperature should range between +10°C and +25°C, max. air humidity 60 %.

Store in a dry place. Protect from direct sunlight and other sources of heat. Use only during dry weather, in places protected from the wind, and in well-ventilated rooms. Follow the warning texts on the labels!

Disclaimer of liability

This application-technological information is given to the best of our knowledge. The notes mentioned herein are, however, non-binding and do not exempt you from own tests to see whether the products supplied by us are suitable for your special application. The use and processing is beyond our control and therefore exclusively in the responsibility of the user. European Aerosols is let off the liability, unless the liability-based incident is caused by a fault incurred to European Aerosols.

As of: October 1, 2014
This release replaces all eventually earlier issued versions.

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