

PTFE Spray

Revision: 16/07/2019

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Technical data

Basis	Mixture of mineral oils with PTFE.
Consistency	Liquid
Density	Ca. 0,82 g/ml
Viscosity	210 cST at 20°C / 18,5 cSt at 100°C
Flashpoint	270 °C
Welding Load 4 Ball EP test (ASTM D2596)	2000 N
Water-washable at 80°C	2,09%
Solubility in water	Not soluble
Volatile Organic Compounds (VOC)	80 %
Temperature resistance**	-50 °C → 250 °C
Application temperature	5 °C → 30 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

PTFE Spray is a high-grade lubricant based on PTFE for the treatment of metal and plastic parts.

Properties

- Lubricates
- Reduces friction and wear
- Rust and corrosion-resistant
- Water-repellent
- Does not contain silicones
- For in and outdoor use
- Aerosol can be used in any angle (360°)

Applications

- To be used on parts that are exposed to long or high force and (-50°C to 250°C).
- High capacity of penetration.
- Repels water and dirt.
- PTFE offers long-term protection against friction and wear.
- Very good mechanical and thermal stability.
- To be used for machines, roller bearings, axles, cogwheels, conveyer belts, rubber gasket profiles,...

Packaging

Colour: white-yellow

Packaging: 400 ml aerosol

Shelf life

3 years in unopened packaging in a dry and cool environment at temperatures between +5°C and +25°C.

Substrates

Nature: clean, free of dust and grease.
All types of metals and plastics.

Application method

Application method: Surfaces must be cleaned, degreased and dry. Shake can well before use. Spray at a distance of appr. 20 cm of the object. To obtain the best result apply the spray while the moving parts are in motion if possible.

Health- and Safety Recommendations

Use only in well-ventilated areas. In case of contact with eyes, wash immediately with plenty of water.

Liability

The content of this technical data sheet is the result of tests, monitoring and experience. It is general in nature and does not constitute any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.