

FLUOROPAN T 20, T 20 Spray

Air-hardening PTFE bonded coating



Your benefits at a glance

- Dry separating and lubricating agent, assembly aid
- Rapidly air-drying
- Very low friction coefficient
- Prevents stick-slip

Your requirements - our solution

FLUOROPAN T 20 Spray is a whitish-transparent, air-hardening bonded coating based on PTFE and an organic binder.

When FLUOROPAN T 20 Spray has been applied and hardened, it offers high wear resistance, a low friction coefficient and no stick slip at low speeds. Its adhesion on iron and non-ferrous metals and solvent-resistant plastics as well as wood is good.

Application

Efficient sliding and separating agent and assembly aid, for the lubrication of wood, iron and non-ferrous metals.

Application notes

Shake or stir well before use and ensure sufficient ventilation during application.

The product is applied by spraying. The surfaces to be coated should be cleaned and degreased to remove oil, grease, water, corrosion and scale.

When applying FLUOROPAN T 20 by spraying, use a spray gun.

Other application conditions

- Feed pressure: approx. 2 bar

- Spraying distance: approx. 20 cm
- Spray nozzle diameter: 0.8 mm

Make sure that only compressed air is used which is free from oil and water. When spraying by hand, it is recommended to apply the product in a zig-zag pattern. When spraying systems are used, an agitator should be installed in the container to prevent the solid particles from settling. When applying the product by immersion, use containers which are resistant to solvents. The recommended film thickness for sliding loads is between 2 and 5 µm. To clean the spray gun and, if necessary, to dilute FLUOROPAN T 20, the diluting and cleaning agent SOLUTIN C 8 can be used.

The bonded coating is ready to handle after approx. 15 minutes at 20 °C or after approx. 1 minute at approx. 60 °C with sufficient ventilation and hardens completely within 24 hours. All the temperatures indicated refer to the component temperature. It must not be stored in corrosive environments.

Material safety data sheets

You can download the current safety data sheets via the Contact form on our website www.SurTec.com or by email request to info@SurTec.com.

Hint

Except for the article number and the minimum shelf life, the spray data below refer to the bonded coating.

| Characteristics | FLUOROPAN T 20 | FLUOROPAN T 20 Spray m. PTFE |
|----------------------------------|----------------|------------------------------|
| Article number | 099206 | 120129 |
| Colour space | white | white |
| Service temperature, lower limit | -100 °C | -100 °C |
| Service temperature, upper limit | 260 °C | 260 °C |

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| Characteristics | FLUOROPAN T 20 | FLUOROPAN T 20 Spray m. PTFE |
|--|----------------|------------------------------|
| Cross-cut adhesion, DIN EN ISO 2409, based on standard, Klüber method: PA 063 / material: test plate | 0 Gt | 0 Gt |
| Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. | 12 months | 12 months |

SurTec

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Classifications and designations are noted in the Material Safety Data Sheets (according to the European legislation). The safety instructions and the instructions for environmental protection have to be followed in order to avoid hazards for people and environment. Please pay attention to the explicit details in our Material Safety Data Sheets which you can obtain by contacting us via e-mail: info@SurTec.com. We are responsible for our products in the context of the valid legal regulations. The warranty exclusively accesses for the delivered state of a product. Warranties and claims for damages after further processing of our products do not exist. For details, please find our country-specific General Terms and Conditions for downloading on our homepage or ask your regional SurTec representative.

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