

Saint-Gobain / h-old® TF50



Saint-Gobain / h-old® TF50 is a PTFE (polytetrafluoroethylene) film coated with a high-temperature silicone adhesive system. Designed for high temperature insulation, release wrap on rollers in numerous indutries, cure process of composites materials and all applications where a low-friction, anti-stick and non-toxic properties are required. Flame retardant (UL 510)

Nominal Values

| Backing | PTFE Film |
|------------------------|--|
| Backing Thickness | 0,050 mm |
| Adhesive Type | Silicone |
| Total Thickness | 0,100 mm |
| Insulation Class | H 180°C (DIN EN 60085, OANZ2 & OANZ8) |
| Color | Brown (79) |
| Adhesion to Steel | 7,50 N/25 mm |
| Tensile Strength | 100,00 N/25 mm |
| Elongation at Break | 100% |
| Dielectric Strength | 9000 V |
| Electrolytic Corrosion | 1 |
| Rolling Ball Tack | < 10 cm |
| Temperature Resistance | +260°C, (short-term) |
| UL-File # | E178430 |
| Length | 33 m, other lengths upon request |
| Width | 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 580 mm, other widths upon request |
| Storage Life | The material can be stored at room temperature for at least 12 months. |
| Effective | 29 March 2021 |



We provide the technical data of our products to the best of our knowledge, but without obligation. Due to the wide range of material and environmental influences, we recommend a suitability test on original products prior to use. Please also note the standard processing guidelines for adhesive tapes, which we will gladly send you upon request.

Phone: +49 (0)7664 50500-0 in Fax: +49 (0)7664 50500-50 w













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Applications

- Motor & transformer manufacturers
- Automotive, aerospace, composites materials, etc

Benefits

- Oustanding temperature resistance
- Good chemical resistance
- Low-friction and anti-stick surface

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 15°C to 24°C, with a relative humidity of 50% +/- 30%. When using an adhesive tape stored below 15°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

Print Date: 27.07.2025



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Phone: +49 (0)7664 50500-0 info@volztapes.com Fax: +49 (0)7664 50500-50 www.volztapes.com









