

## 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 industries, 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

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

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### Applications

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

### Benefits

- Outstanding 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: 16.07.2024