

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

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

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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.

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