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.

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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.

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