IPG® (Intertape®) 51594



IPG® (Intertape®) 51594 is a PET Film Electrical Tape with a 1 mil polyester backing and thermosetting rubber adhesive. The rubber adhesive provides high initial adhesion and when thermoset exhibits good chemical and solvent resistance. The backing provides conformability, abrasion and Puncture resistance, and excellent insulating properties.

Nominal Values

Backing	PET Film
Backing Thickness	0,025 mm
Adhesive Type	Natural Rubber, thermosetting
Total Thickness	0,051 mm
Insulation Class	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Yellow (17)
Adhesion to Steel	12,30 N/25 mm
Tensile Strength	110,00 N/25 mm
Elongation at Break	100%
Dielectric Strength	5000 V
Insulation Resistance (megaΩ)	10^5Ω
Electrolytic Corrosion	A1,0
Flammability	BU1
UL-File #	E20780
Length	66 m, other lengths and spools upon request
Width	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Effective	02 May 2022

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

- Coil wrapping
- Tabbing
- Inter-layer insulating
- Fine gauge magnet wire

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 18°C to 24°C, with a relative humidity of 40% to 50%. When using an adhesive tape stored below 18°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

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