IPG® (Intertape®) 51579



IPG® (Intertape®) 51579 is a polyimide film electrical tape with a high tack acrylic adhesive. It offers excellent chemical and thermal resistance, and has strong electrical insulating properties. This tape is used where toughness and Puncture resistance are required.

Nominal Values

Backing	Polyimide Film
Backing Thickness	0,025 mm
Adhesive Type	Acrylic, thermosetting
Total Thickness	0,056 mm
Insulation Class	F 155°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Amber (00)
Adhesion to Steel	8,20 N/25 mm
Tensile Strength	132,50 N/25 mm
Elongation at Break	60%
Dielectric Strength	7000 V
Insulation Resistance (megaΩ)	$10^6\Omega$
Electrolytic Corrosion	A1,0
Flammability	BU1
UL-File #	E20780
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, 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

- Bundling and inter-layer insulation in high temperature transformers and large DC mining and traction motors
- Core and interlayer insulation in transformer construction
- End taping of core coils
- Taping of unsupported coils

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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