IPG® (Intertape®) 4428



IPG® (Intertape®) 4428 is a polyimide film electrical tape. Polyimide backing and silicone adhesive offers outstanding thermal resistance and excellent electrical insulating properties. This tape is used where toughness, Puncture resistance, extreme resistance to heat, and flame retardance are required.

Nominal Values

Backing	Polyimide Film
Backing Thickness	0,025 mm
Adhesive Type	Silicone, thermosetting
Total Thickness	0,064 mm
Insulation Class	H 180°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Amber (00)
Adhesion to Steel	6,80 N/25 mm
Tensile Strength	131,00 N/25 mm
Elongation at Break	80%
Dielectric Strength	6900 V
Insulation Resistance (megaΩ)	$10^6\Omega$
Electrolytic Corrosion	A1,0
Flammability	BU1
UL-File #	E20780
CSA-File #	LR94980
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	04 December 2019

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

- On gold fingers for protection in wave soldering
- Ground barrier and phase insulation in high performance torroidal coils
- Outer wrap on small bobbin wound coils
- Form wound coils for traction motors

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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