



IPG® (Intertape®) 51596

IPG® (Intertape®) 51596 is a PET Film/PET-Fleece electrical insulation tape. The combination of PET Film and polyester non woven materials can be used on a wide variety of electrical applications. IPG® (Intertape®) 51596 is a multi-purpose tape for applications which require a combination of tear and Puncture resistance, high tensile strength with elongation, and excellent dielectric strength.

Nominal Values

Backing	PET Laminate, PET Film / PET Non-Woven
Backing Thickness	0,089 mm
Adhesive Type	Natural Rubber, thermosetting
Total Thickness	0,114 mm
Insulation Class	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
Color	White (08), Black (04)
Adhesion to Steel	16,50 N/25 mm
Tensile Strength	138,00 N/25 mm
Elongation at Break	30%
Dielectric Strength	4500 V
Insulation Resistance (megaΩ)	10 ⁵ Ω
Electrolytic Corrosion	A1,0
Flammability	BU2
UL-File #	E20780
CSA-File #	LR94980
Length	66 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

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Applications

- High volume coil wrapping
- Ground and barrier insulation
- Outer protective wrap for bobbin application
- Coil end insulation
- Anchoring leads
- Terminal board pad

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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