



IPG® (Intertape®) 51588

IPG® (Intertape®) 51588 is a PET Film Electrical Tape. The combination of a tough, conformable polyester backing and a rubber, thermosetting adhesive may be used for a variety of electrical applications. This tape is abrasion and puncture resistant, resists chemicals and solvents when thermoset, and has excellent electrical insulating properties.

Nominal Values

Backing	PET Film
Backing Thickness	0,025 mm
Adhesive Type	Natural Rubber, thermosetting
Total Thickness	0,056 mm
Insulation Class	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Clear (00)
Adhesion to Steel	13,70 N/25 mm
Tensile Strength	110,00 N/25 mm
Elongation at Break	100%
Dielectric Strength	5000 V
Insulation Resistance (megaΩ)	10 ⁶ Ω
Electrolytic Corrosion	A1,0
Flammability	BU1
UL-File #	E20780
CSA-File #	LR94980
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	19 February 2026

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Applications

- Coil wrapping
- Anchoring
- Harnessing
- Holding
- Insulating tabbing and Inter-layer insulating

Benefits

- Excellent electrical insulating properties
- Abrasion and puncture resistant
- Excellent Moisture Resistance
- Very Good Solvent and Chemical Resistance
- Very Good Storage Stability,

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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