

IPG® (Intertape®) 51580



IPG® (Intertape®) 51580 is a PET Film/Mat adhesive tape with a natural rubber, thermosetting adhesive. It may be used for most applications which require a combination of flexibility, high puncture resistance, excellent electrical insulating properties, and corrosion resistance. After thermosetting, IPG® 51580 exhibits excellent resistance to solvents and chemicals.

Nominal Values

Backing	PET Film / Mat
Backing Thickness	0,101 mm
Adhesive Type	Natural Rubber, thermosetting
Total Thickness	0,127 mm
Insulation Class	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Natur (00)
Adhesion to Steel	13,75 N/25 mm
Tensile Strength	197,50 N/25 mm
Elongation at Break	25%
Dielectric Strength	5000 V
Electrolytic Corrosion	1.0 Direct / A, 1 (VDE 0340)
Flammability	BU 2 (VDE 0340)
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, 75 mm, 745 mm, Other widths by request
Storage Life	The material can be stored at room temperature for at least 12 months.
Effective	13 October 2026

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Applications

- Coil and transformer wrapping, anchoring, and harnessing
- Outer-wrap for coils

Benefits

- Flexible
- High puncture resistance
- Excellent electrical insulating properties and corrosion resistance
- Excellent resistance to solvents and chemicals

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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