



IPG® (Intertape®) 54143

IPG® (Intertape®) 54143 is a PET Film Electrical Tape with a 1.4 mil polyester backing and a thermosetting acrylic adhesive. The tape exhibits high temperature shear resistance when thermoset. The backing provides abrasion and Puncture resistance, and excellent insulating properties.

Nominal Values

Backing	PET Film
Backing Thickness	0,035 mm
Adhesive Type	Acrylic, thermosetting
Total Thickness	0,076 mm
Insulation Class	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Yellow (17), Clear (00)
Adhesion to Steel	13,70 N/25 mm
Tensile Strength	166,00 N/25 mm
Elongation at Break	100%
Dielectric Strength	7500 V
Insulation Resistance (megaΩ)	10 ⁶ Ω
Electrolytic Corrosion	A1,0
Flammability	BU1
UL-File #	E20780
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	15 January 2020

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Applications

- Coil wrapping
- Tapping and anchoring
- Inter-layer insulating
- Film wrap capacitors

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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