

## Intertape® 51588 PV1



ipg 51588 PV1 is a clear Polyester film electrical tape equipped with a thermosetting rubber adhesive. The tape is used for different electric applications. It is characterized by excellent moisture resistance and very good solvent resistance.

### Nominal Values

<b>Backing</b>	PET Film
<b>Backing Thickness</b>	0,025 mm
<b>Adhesive Type</b>	Natural Rubber, thermosetting
<b>Total Thickness</b>	0,050 mm, (min. 0,040 mm – max. 0,053 mm)
<b>Color</b>	Clear (00)
<b>Adhesion to Steel (N/25mm)</b>	14,25 N/25 mm, (min. 10,00 N/25 mm)
<b>Elongation at Break</b>	66%, min.: 50%
<b>Breakdown Voltage (Veff VDE 0303)</b>	5000 V
<b>Electrolytic Corrosion</b>	A1,0
<b>Flammability</b>	BU1
<b>Length</b>	66 m, other lengths and spools upon request
<b>Width</b>	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, other widths upon request
<b>Storage Life</b>	The material can be stored at room temperature for at least 12 months.
<b>Additional Info</b>	Surface resistivity $10^6 \Omega$
<b>Effective</b>	13 November 2020

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### Applications

- Core and layered insulation, covering the winding start and end
- Strain relief for cables
- Masking of cantilever coils
- Final insulation in small motors
- Fixing non-adhesive insulating intermediate layers
- Insulating tabbing and Inter-layer insulating

### Benefits

- Very good Storage Stability
- Very good Solvent Resistance
- Excellent Moisture Resistance

### 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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