

# **Technical Product Data Sheet**

# 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**

**Backing** PET Film

**Backing Thickness** 0,025 mm

**Adhesive Type** Natural Rubber, thermosetting

**Total Thickness** 0,050 mm, (min. 0,040 mm – max. 0,053 mm)

Color Clear (00)

**Adhesion to Steel (N/25mm)** 14,25 N/25 mm, (min. 10,00 N/25 mm)

**Elongation at Break** 66%, min.: 50%

**Breakdown Voltage (Veff VDE 0303)** 5000 V

**Electrolytic Corrosion** A1,0

**Flammability** BU1

**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.

**Additional Info** Surface resistivity 10<sup>6</sup>Ω

**Effective** 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**

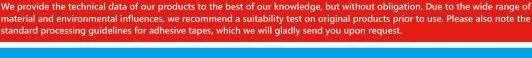
- Very good Storage Stability
- Very good Solvent Resistance
- Excellent Moisture Resistance

### **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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