

**51588**

ipg 51588 is a Polyester Film Electrical Tape. This combination of a tough, conformable polyester backing and 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.



<b>Backing</b>	Polyester Film
<b>Adhesive</b>	Rubber Thermosetting
<b>Color</b>	Clear (00)
<b>Tensile Strength</b>	110 N / 25mm
<b>Thickness / Backing</b>	25µm (1.0 mil)
<b>Thickness / Total</b>	56µm (2.2 mil)
<b>Elongation</b>	100 %
<b>Adhesion to Steel</b>	13,7 N / 25mm
<b>Dielectric Strength</b>	5.000 V
<b>Temperature Class</b>	B / 130°C
<b>UL - File No.</b>	E20780
<b>Insulation Resistance</b>	10 <sup>6</sup> Ω
<b>Electrolytic Corrosion*</b>	A1,0
<b>Flammability*</b>	BU1
<b>Storage Stability</b>	Very Good
<b>Solvent Resistance</b>	Very Good
<b>Moisture Resistance</b>	Excellent
<b>CSA – File No.</b>	LR94980
<b>Length</b>	66m, other length and spools on inquiry
<b>Width</b>	6, 9, 12, 15, 19, 25, 30, 38, 50mm, other width on inquiry
<b>Storage Life</b>	The material can be stored at room temperature for at least 12 month.
<b>Storage Conditions</b>	For the best shelf time storage temperature should be 15°C to 25°C and relative humidity 50% (+/- 30%). If the material is stored below 15°C, we recommend to store the material for a minimum of 24 hours at room temperature, before you start to work with it. As well the material should be stored in their original packaging without sunlight.

\*) VDE 0340

**Applications:**

- coil wrapping
- anchoring
- harnessing
- holding
- insulating tabbing and inter-layer insulating

We give the technical data of our products, however non-committal, after the best knowledge. Due to the various material and environment-induced influences we recommend an aptitude test to original materials before use. Please, you also take this one into account for adhesive tapes usual processing notes to send you which we like upon request.

