PET High Temperature Tape

PT5200 · Adhesive Tape Series



Description

PET high-temperature tape uses PET film as the base material, coated with high-performance silicone pressure-sensitive adhesive. The product features excellent high-temperature resistance, high adhesion, residue-free upon removal and solvent resistance.

Product Features

- High temperature resistance
- High adhesion
- Residue-free upon removal
- Solvent resistance

Standard / Certification

ROHS · REACH

Technical Data

Property	Unit	Model
Product Grade		PT5200
Color		Amber
Substrate		Polyester Film
Adhesive		Silicone
Total Thickness	mm	0.050 ± 0.004
Peel Adhesion	g/25mm	700 ± 100
Tensile Strength	N/25mm	40
Elongation	%	40%
Breakdown Voltage	KV	5
Heat Resistance	℃	180
Environmental Certification		ROHS2.0 REACH

Notes

• Note: The above parameters are typical values for reference only.

Product Advantages

- **High Temperature Resistance**
  - PET film coated with high-performance silicone adhesive rated 180℃ – masking stays stable through high-temperature baking and spraying.
- **High Adhesion**
  - Adhesion of 700±100 g/25mm holds firmly with no lifting at masking edges.

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Product Advantages (continued)

- **Residue-free upon Removal**
  - Removes cleanly without residue even after high-temperature processing, protecting workpiece surfaces.
- **Solvent Resistance**
  - Resists solvents used in electroplating, coating and cleaning processes for stable, reliable masking.
- **Electrical Insulation**
  - Breakdown voltage of 5KV provides both masking and electrical insulation.
- **Ultra-thin Conformability & Eco-friendly**
  - Total thickness of only 0.050±0.004mm conforms tightly with good edge sealing; compliant with ROHS2.0 and REACH.

Application Scenarios

- **High-Temp Baking & Powder Coating Masking**
- Surface masking protection during high-temperature baking and powder coating processes.
- **Electroplating Process Masking**
- Selective masking protection in electroplating processes.
- **Wafer Component Terminal Electrodes**
- Masking and insulation for wafer component terminal electrodes.
- **High-Temperature Bundling & Fixing**
- High-temperature coating protection and bundling/fixing across home appliances, machinery and electronics industries.