

INT 600 Masking Tape for Plating & High Temperature Applications



Description

INT 600 Masking Tape is a general purpose film-based masking tape. This high temperature masking tape has a specially formulated polysiloxane adhesive which retains its cohesion and adhesive properties under high temperature and has an excellent resilience to solvents, moisture and chemicals.

Features & Benefits

- Masking during plating or etching procedures
- Masking gold fingers or other areas during roller tinning process
- High temperature painting

Applications

- Protection of edge connectors or other pcb areas during etching, plating or roller tinning.
- General high temperature masking
- Plating or painting mask
- High temperature splicing for siliconised paper, etc
- General insulation applications in relays, transformers, solenoids, rectifiers and chokes, shaft insulation, general field coils and stator insulation, etc
- Vacuum bagging operations, bonding well to the majority of bagging materials used in the manufacture of composite parts

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Specifications

Base material	Polyester film
Base thickness	0.025 mm
Total thickness	0.060 mm
Adhesive	Polysiloxane thermosetting
Temperature resistance	Up to 180°C short term 130°C long term Heat Class B
Adhesive strength	3.0 N/cm
Tensile strength	40 N/cm
Ultimate elongation	80 – 120%
Dielectric strength	5000 V
Electrolytic corrosion factor	A 1.0
Combustibility	BU 1

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Recommended curing cycle (When used as a permanent insulation tape)	1 hour at 150°C or 2 hours at 130°C
Colour	Transparent blue
Standard length	66 metres

Ordering Information

Each roll is 66m in length.

Part Number	Description
INT600-006	High temperature masking tape 6mm width
INT600-009	High temperature masking tape 9mm width
INT600-012	High temperature masking tape 12mm width
INT600-015	High temperature masking tape 15mm width

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Part Number	Description
INT600-019	High temperature masking tape 19mm width
INT600-025	High temperature masking tape 25mm width
INT600-038	High temperature masking tape 38mm width
INT600-050	High temperature masking tape 50mm width

Supplied by:

intertronics

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