

INT 630 Conformal Coating Masking Tape



Description

In addition to the extensive range of masking tapes for both printed circuit board fabrication and assembly, INTERTRONICS offers **INT 630 conformal coating masking tape**. **INT 630** is based on polyester film coated with a surface conductive adhesive. It is ideal for use with standard temperatures (up to 110°C) and leaves no residue on removal.

The objective of **conformal coating** is to apply a protective layer to the printed circuit board and components to prevent degradation in electrical performance when subjected to environmental stresses encountered in specific operating conditions. Humidity is the most prevalent and also the most damaging environmental stress as it can drastically lower insulation resistance between conductors, accelerate high-voltage breakdown and corrode conductors. Conformal coatings also protect both the printed circuit board and components from airborne or solvent borne contaminants.

Many components and printed circuit board locations must remain uncoated. **INT 630** anti-static polyester based conformal coating masking tape protects areas for use as connector locations or insertion areas for interchangeable devices, so that they remain free of the protective coating.



INT 630 Conformal Coating Masking Tape



Features & Benefits

- Polyester
- Reinforced paper
- Anti-static
- No residue
- Die cuts and specials available

Applications

Some adhesive tapes have been found to react with the various conformal coating types. **INT 630** caters for all current coating types and processes and can be used with:

- silicone
- polyurethane
- acrylic
- polyimide conformal coatings

without fear of: residue, line bleed, reaction to the coating or tearing, creating dust on the assemblies

Specifications

INT 630 Conformal Coating Masking Tape



Specification	
Supporting base	Polyester film
Base thickness	0.025 mm
Total thickness	0.060 mm
Adhesive	Synthetic resin, conductive (silicone-free)
Adhesive strength	3 N/cm
Tensile strength	40 N/cm
Elongation	80-120%
Colour	Black
Electrical resistance (adhesive)	50,000-100,000 ohms/cm
Heat resistance	Up to 110°C

INT 630 Conformal Coating Masking Tape



Ordering Information

Anti-Static Conformal Coating Masking Tape

Part number	Description
INT630-006	Anti-Static Conformal Coating Masking Tape 6mm width
INT630-009	Anti-Static Conformal Coating Masking Tape 9mm width
INT630-012	Anti-Static Conformal Coating Masking Tape 12mm width
INT630-015	Anti-Static Conformal Coating Masking Tape 15mm width
INT630-019	Anti-Static Conformal Coating Masking Tape 19mm width
INT630-025	Anti-Static Conformal Coating Masking Tape 25mm width

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Part number	Description
INT630-038	Anti-Static Conformal Coating Masking Tape 38mm width
INT630-050	Anti-Static Conformal Coating Masking Tape 50mm width

Other widths are available to special order.

Anti-Static Conformal Coating Masking Dots

Each roll has 1000 dots on split-back plastic liner (except 4mm).

Part number	Description
INTD630-004	Anti-Static Conformal Coating Masking Dots 4mm diameter
INTD630-006	Anti-Static Conformal Coating Masking Dots 6mm diameter

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Part number	Description
INTD630-008	Anti-Static Conformal Coating Masking Dots 8mm diameter
INTD630-009	Anti-Static Conformal Coating Masking Dots 9mm diameter
INTD630-010	Anti-Static Conformal Coating Masking Dots 10mm diameter
INTD630-012	Anti-Static Conformal Coating Masking Dots 12mm diameter
INTD630-014	Anti-Static Conformal Coating Masking Dots 14mm diameter
INTD630-016	Anti-Static Conformal Coating Masking Dots 16mm diameter
INTD630-018	Anti-Static Conformal Coating Masking Dots 18mm diameter
INTD630-019	Anti-Static Conformal Coating Masking Dots 19mm diameter

INT 630 Conformal Coating Masking Tape



Other diameters are available to special order.

Let's start by talking about your application



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orders@intertronics.co.uk

- Name* _____
- Company* _____

INT 630 Conformal Coating Masking Tape



■ Phone*

■ Email*

■ Post code*

If you're in the UK, knowing your postcode would help us get in touch even more quickly. If you're outside the UK, please indicate your country.

■ Tell us about your application

Any information that you submit using this form will be processed according to our [privacy policy](#).

■ Email

This field is for validation purposes and should be left unchanged.

Submit

Supplied by:

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