

Solder Masking Dots and Tape, Masking for Soldering & Conformal Coating



Description

Designed for masking component holes or areas on PCBs during wave soldering or conformal coating, these pressure sensitive masking discs will withstand a five to eight second exposure to molten solder at 250°C. There is no adhesive transfer when the discs are removed, the rubber-based adhesive containing no silicones. Discs should be removed before solvent cleaning. Solder Masking Dots are available in 51 diameters as standard, from 3mm. Special die-cut shapes, either rectangular or any irregular shape can also be manufactured on request.

The special impregnation of the discs will not allow most conformal coatings or varnishes to adhere or wet. Consequently **Solder Masking Dots** are excellent masks for this purpose, allowing easy removal and a well defined mask area.

Die-cut discs eliminate the need for tedious cutting of masking tape by hand (especially for smaller areas) and will speed up production accordingly. No curing is required. Dots up to 50mm diameter are in a continuous string of overlapping discs for ease of application – peeling off one disc releases the next off the lining paper.

INT 119 Solder Masking Tape is the same material but in a roll form.

Features & Benefits

- Solder and conformal coating masking

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- Non-silicone, high temperature adhesive
- Available in die-cut discs and tape rolls of various widths
- No curing time
- No residue
- Available ex-stock

Specifications

Specification	
Temperature resistance	165°C for 1.5 hrs, 250°C short term

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Specification	
Material	Impregnated paper
Colour	Natural buff
Adhesive	Synthetic rubber resin
Thickness	0.18 mm

Ordering Information

Part number	Description
Masking Dots	
INTSMD-003	Solder Masking Dots – 3.2mm diameter, 5,000 per roll
INTSMD-005	Solder Masking Dots – 4.8mm diameter, 5,000 per roll

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Part number	Description
INTSMD-006	Solder Masking Dots – 6.4mm diameter, 5,000 per roll
INTSMD-008	Solder Masking Dots – 7.9mm diameter, 5,000 per roll
INTSMD-009	Solder Masking Dots – 9.5mm diameter, 5,000 per roll
INTSMD-011	Solder Masking Dots – 11.1mm diameter, 5,000 per roll
INTSMD-012	Solder Masking Dots – 12.7mm diameter, 5,000 per roll
INTSMD-014	Solder Masking Dots – 14.4mm diameter, 5,000 per roll
INTSMD-015	Solder Masking Dots – 15.9mm diameter, 5,000 per roll
INTSMD-018	Solder Masking Dots – 17.6mm diameter, 4,000 per roll

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Part number	Description
INTSMD-019	Solder Masking Dots – 19.1mm diameter, 4,000 per roll
INTSMD-022	Solder Masking Dots – 22.4mm diameter, 2,000 per roll
INTSMD-025	Solder Masking Dots – 25.4mm diameter, 2,000 per roll
INTSMD-050	Solder Masking Dots – 50.8mm diameter, 500 per roll
40 other diameters (up to 153mm) are available – please enquire about prices for your exact requirements	
Masking Tapes	
INT119-006	Solder Masking Tape – 6.4mm width x 55m long
INT119-009	Solder Masking Tape – 9.5mm width x 55m long
INT119-012	Solder Masking Tape – 12.7mm width x 55m long
INT119-015	Solder Masking Tape – 15.9mm width x 55m long

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Part number	Description
INT119-019	Solder Masking Tape – 19.1mm width x 55m long
INT119-025	Solder Masking Tape – 25.4mm width x 55m long
INT119-038	Solder Masking Tape – 38.1mm width x 55m long
INT119-050	Solder Masking Tape – 50.8mm width x 55m long

Let’s start by talking about your application

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orders@intertronics.co.uk

- Name*
- Company*
- 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

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Supplied by:



INTERTRONICS

12a Station Field Industrial Estate, Banbury Road, Kidlington

Oxfordshire England OX5 1JD

t 01865 842842 e info@intertronics.co.uk

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