

## HumiSeal<sup>®</sup> HumiTape AS Masking Dots & Tape Technical Data Sheet

HumiSeal<sup>®</sup> HumiTape AS anti-static conformal coating dots and tapes consist of a polyester film coated with a silicone free adhesive. The adhesive is also conductive, making it ESD safe for PCB masking applications. The tape is highly conformable to the PCB surface. The silicone free feature ensures there is no possibility for contamination of the PCB before after coating. After coating the dots or tape can be removed safely and easily without leaving any residue.

### Properties of HumiSeal<sup>®</sup> HumiTape AS

Base Material	Polyester Film	
Base Material Thickness	0.025 mm	1.0 MIL
Total Thickness	0.055 mm	2.2 MIL
Adhesive	Synthetic Resin Conductive	
Adhesion Strength (steel)	3 N/25mm	27 oz/inch
Elongation	80 - 120%	80-120%
Tensile Strength	40 N/25mm	23 Lbs/inch
Colour	Black	
Heat Resistance	Up to 130°C	
Shelf Life, DOM	24 months	

- Masking for conformal coating, electroplating and etching
- Silicone free adhesive
- ESD safe
- Leaves a good and clean separation line
- Clean removal without any adhesive residue

The material is available in masking dot format at 10,000 per roll in standard diameters of 5mm, 7mm and 10mm. The material is available in masking dot format at 5,000 per roll in standard diameters of 12mm, 14mm, 16mm and 19mm. Other sizes and shapes are available upon request. The dots come on a split transparent polyester liner for easy removal.

The material is also available in tape form with standard widths of 3mm, 7mm, 10mm, 13mm, 16mm, 19mm, 22mm and 25mm. Other widths are available upon request. The roll length is 66m.

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