



Anti-Static Tape

AS12, AS18, AS25

Description

Non-static generating ESD adhesive packing tape. For use within Electrostatic Protected Areas and Cleanroom. Manufactured from a natural fibre base and film coated with a rubber based adhesive to give it non-static generating properties. Both sides of the tape are ESD treated, upper side and adhesive side.

Tapes are labelled with ESD symbol on the inner core to avoid use of non-ESD tape, within EPAs. Available in three sizes: 12mm, 18mm and 25mm.

Application

Tape is suitable for sealing conductive / ESD plastic bags used for the protection of electrostatic sensitive devices.

Tape can be written on with a spirit-based marker, which removes easily and cleanly without leaving adhesive deposits. These properties also make the product suitable for the temporary labelling and might be required during inspection and quality control procedures.

All non-ESD tapes should be replaced with Anti-Static Tapes to comply with EN-61340-5. The Electro Static Protected Area (EPA) should never have any electrostatic generating tapes.



| Product Code | Size | Unit |
|--------------|------------|----------|
| AS12 | 12mm x 30m | Per Roll |
| AS18 | 18mm x 30m | Per Roll |
| AS25 | 25mm x 30m | Per Roll |

| Construction | Material |
|--------------|------------------------|
| Top Layer | Antistatic Acrylic PSA |
| Bottom Layer | Opp Film |

Custom sizes available on request.





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| Specifications | |
|--|---|
| Film Material/Colour | Opp / Transparent |
| Surface Resistivity (Upper and Lower Side) | $1 \times 10^{7-9} \Omega$ (ESD S 11.1) |
| Thickness of Tape (μm) | $60 \pm 0.002\text{mm}$ |
| Adhesive | Anti Static Acrylic PSA |
| Heat Resistance Temperature | 80°C |
| Width (mm) | 12, 18, 25mm (custom available) |
| Length (mm) | 30m (custom available) |
| Inner Core Diameter (mm) | 76 ($\pm 2\text{mm}$) |
| Adhesive Force (N/25mm) | 10 |
| Tensile Strength (N/25mm) | 90 |
| Elongation At Break (%) | 18 |
| Peel Adhesion (N/25mm) | 8.5 |
| Dielectrical Breakdown | Less than 50 volts |

Static Charge Retention (using immediate decay static locator).

Use in conjunction with ESD Tape Dispenser



Important Notice: The information contained within this spec sheet is for guidance only. We make no warranties expressed or implied and assume no liability regarding any use of this information. Antistatic Tape, September 9th 2020.