



## 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 ( $\mu\text{m}$ )	$60 \pm 0.002\text{mm}$
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.*