

ESD High Temperature Tape

PAESD

Description

ESD High Temperature Tape has a high heat resistance, remaining stable across a wide range of temperatures. The tape is made of a polyimide film and silicone adhesive designed for high temperature masking applications. Tape will remove cleanly leaving no adhesive residue after exposure to heat. All rolls are 33m long and are available in three widths - 9mm, 19mm and 25mm. Ideal for masking printed circuit boards during wave solder or solder dip processes, as well as for solder wave masking and electrical insulation. Features ESD protective symbol on inner core. Compliant to the IEC 61340-5-1 International Standard. RoHS and REACH compliant. CE approved.

Product Features

- **Length:** All rolls are 33m long.
- **Width:** Available in 9mm, 19mm and 25mm.
- **Colour:** Brown opaque.
- **Film construction:** Polyimide.
- **Temperature resistance:** Up to 300°C short term.
- **Application:** For high temperature exposure.
- Leaves no adhesive residue after exposure to heat.
- Provides heat insulation and protects fragile static-sensitive components during manufacture.

Customisation

All custom sizes and special tape requirements can be quoted on request.

ESD Standards & Regulations Compliance:



RoHS Compliant



REACH Compliant



IEC-61340-5-1 Standard



European Conformity



Product Code

- PAESD9 - 9mm wide ESD high temperature tape.
- PAESD19 - 19mm wide ESD high temperature tape.
- PAESD25 - 25mm wide ESD high temperature tape.

Application

- Ideal for masking gold leads and other components on boards populated with sensitive integrated circuits.
- Thick conductive adhesive excellent for conformability to protect critical PCB features.
- Masking off PCBs for IR reflow ovens or wave soldering under 300°C for ~ 10 seconds.



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Properties	Typical Values
Backing	Polyimide film
Adhesive	Silicone
Colour	Amber
Backing Thickness (mm)	0.025mm
Adhesive Thickness (mm)	0.035mm
Total Thickness (mm)	0.06mm
Standard Length	33m / 36yd
Core	Plastic
Core Diameter	76mm
Adhesion to Steel (kg/25mm)	0.6~0.7
Tensile Strength (kg/25mm)	10-13
Temperature Resistance (°C)	260°C
Voltage Resistance (kv)	10 ⁶ - 10 ⁹
Elongation at Break (%)	≥60
Storage	Normal conditions, 10 - 30°C



Eliminate Costly Static Damage...

Whether you are experiencing unacceptable levels of damage in transit, need a specific cleanroom solution or simply don't know which ESD safe equipment is best for you, we can help!

Request complimentary,
no obligation advice by
speaking with one of
our technical experts
today.

