

ANTI-STATIC ESD KAPTON POLYIMIDE ADHESIVE TAPE (7 SIZES)



SKU: kapton_nastro_esd



ANTISTATIC ADHESIVE KAPTON ROLLS

ESD safe anti-static Kapton adhesive tape, resistant to high temperatures.

Application: protects specific areas of a PCB. Mostly used for PCB masking during wave solder or solder dip process. Designed for very high temperature masking applications, including PCBs' gold finger contacts protection during wave soldering, plasma/flame spray masking and splicing.

Available sizes (Width): 6 mm, 9 mm, 10 mm, 12 mm, 16 mm, 19 mm, 25 mm.

Specifications

- Material: **ESD-treated polyimide film** coated on one side with silicone adhesive
- Dimensionally stable at high temperatures
- Flame retardant and chemical resistant
- Excellent heat, cold, solvent and voltage resistance
- Designed to minimize static effect during stripping and peeling
- Heat resistance: **260** / **10 min** (180 ~ 260)



- Length: **33 m**
- Total thickness: **~65 µm** (ESD polyimide ~25 µm, Silicone adhesive ~40 µm)
- Colour: Amber
- Adhesive to steel (SUS): ~650 gf/in
- Tensile strength: ~5k gf/cm
- Elongation: ~63%
- Dielectric breakdown: ~6 kV
- Surface resistance: ≤ 10E9 Ω
- Static charge removal from roll (50% RH, 20°C): 20 V
- Static charge removal from SUS (50% RH, 20°C): 30 V
- Heat resistance class: "Y" 90°C, "A" 105°C, "E" 120°C, "B" 130°C, "F" 155°C, "H" 180°C, "200" 200°C, "220" 220°C.

VARIATIONS

| SKU | Description | Width |
|---------|-------------|-------|
| 146951E | | 12mm |
| 151496E | | 16mm |
| 147041E | | 19mm |
| 147509E | | 25mm |
| 149413E | | 6mm |
| 146950E | | 9mm |
| 149929E | | 10mm |