

## 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  |