



## High Tensile Strength Elongation ESD Polyimide Tape 4N Adhesion



### Product Details:

Product Name	Adhesion to Steel	Static Discharge:
E1-IH803H	4N/25mm	<100V
Maximum Operating Temperature	Tensile Strength at Break	Elongation at Break
290°C	≥3.5 (KN/M)	≥45%

**High Light:** silicone esd polyimide tape, 4N ESD Polyimide Tape, 4N ESD static tape

### Product Description:

High Tensile Strength Elongation ESD Polyimide Tape 4N Adhesion

Anti-static polyimide tape E1-IH803H with excellent tensile strength and elongation

E1-IH803H is a polyimide film-backed silicone adhesive tape with super heat resistance and extremely low electrostatic discharge properties. And insulation resistance of adhesive side is measurable.

### Features And Benefits:

1. Low electrostatic discharge at unwind and removal.
2. Resistant high temperature up to 290°C.
3. Excellent tensile strength & Elongation.
4. RoHS Compliant.

### Application:

Masking for golden finger of Print circuit boards when wave soldering or reflow soldering process, surface protection under the high temperature without any residue.

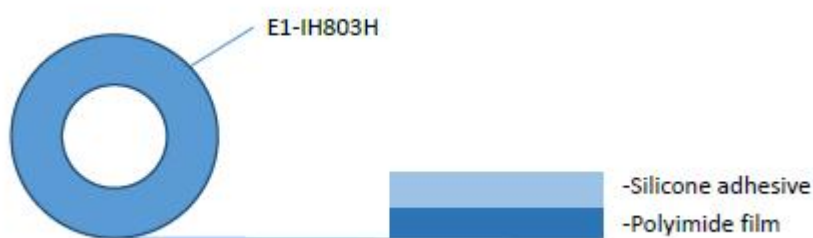




### Properties:

Item	Typical Value	Item
Backing	0.025mm	Backing
Total Thickness	0.050±0.005mm	Total Thickness
Tack	≥26(J.DOW/#)	Tack
Adhesion to Steel	>4N/25mm	Adhesion to Steel
Tensile Strength	≥3.5(KN/M)	Tensile Strength
Elongation	≥45%	Elongation
Surface & Adhesive Resistance	10 <sup>5</sup> -10 <sup>9</sup> ohms	Surface & Adhesive Resistance
Static Discharge	<100V	Static Discharge

### Construction:



### Storage:

1. Store under normal conditions of 10-30°C and 40-70% R.H, out of direct sunlight.
2. Shelf life: 12 months from the date of manufacture when stored in initial packing.

### Precaution Reminder:

1. Surface should be clean, dry, free of dust, oil or other contaminants.
2. Proper pressure required by roller, hand or press when applying.
3. Avoid repeat sticking to prevent adhesion decrease.

### Why buy from us instead of buying from other suppliers?

1. Good location and convenient transportation.
2. Good reputation and after-sales service team.
3. Good production capacity and fast delivery.

### Notes:

Please be advised that this technical data sheet is written based on our lab tests and experience only. Customer is responsible to determine the suitability of the product meets intended application requirements before approved for use.