

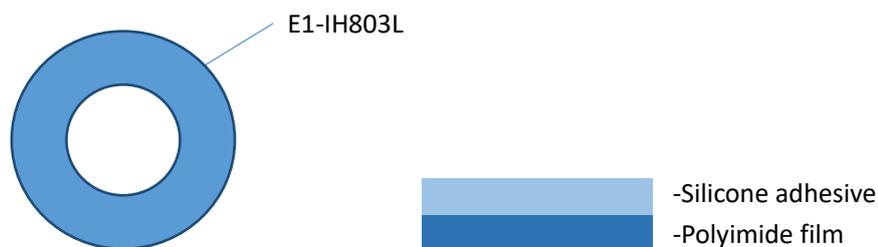
# TECHNICAL DATA SHEET

## Anti-static PolyimideTape-E1-IH803L

### Description

E1-IH803L is a black polyimide film-backed silicone adhesive tape with super heat resistance and extremely low electrostatic discharge properties. And insulation resistance of adhesive side is measurable.

### Construction



### Features

- Low electrostatic discharge at unwind and removal
- Resistant high temperature up to 290°C
- Excellent tensile strength & Elongation
- 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	Test Method
Backing	0.025mm	/
Total Thickness	0.045±0.005mm	/
Adhesion to Steel	3N/25mm	GBT 2792-2014
Tensile Strength	≥3.5 (KN/M)	GBT 30776-2014
Elongation	≥45%	
Surface Resistance	10 <sup>5</sup> -10 <sup>10</sup> ohms	/
Static Discharge	<100V	/
Operating Temperature	290°C	5min Testing to Stainless steel plate

## Storage

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

## Precaution Reminder

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

## 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.