

## **Kapton/Polyimide Tape**

### **NKS-## Series**

#### **Product Description:**

- \* High electrical strength
- \* Peeled off without leaving an adhesive residue
- \* Up to 500°F/260°C temperature resistance
- \* Class H insulation
- \* Width: custom slit

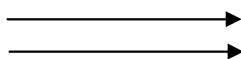
#### **Application:**

- \* Surface assembly, for the protection of golden finger in wave soldering and re-flow soldering.
- \* For the adhesion and class H insulation of electronic switch, motor, transformer, relay, wires, coil, capacitor and lithium battery etc.

#### **Construction:**

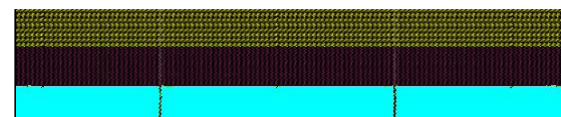
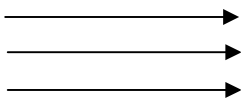
##### **No ESD:**

Silicone Adhesive  
Polyimide Film



##### **ESD:**

Silicone Adhesive  
Polyimide Film  
Antistatic Coating



## **XIAMEN NAIKOS NEW MATERIAL CO.,LTD**

Tel: +86-592-7368007

Fax: +86-592-7152858

Email: [info@xmnks.com](mailto:info@xmnks.com)

Web: [www.xmnks.com](http://www.xmnks.com) / [www.nkstape.com](http://www.nkstape.com)

Add: No.48, Huli Industrial Park, Meixi Street, Tong'an District, Xiamen, CHINA 361100



### Properties:

| Item                        | NKS-040    | NKS-04                       | NKS-01    | NKS-02    | NKS -03   | NKS -05   | NKS -01ESD         |
|-----------------------------|------------|------------------------------|-----------|-----------|-----------|-----------|--------------------|
| Color                       | Amber      | Amber                        | Amber     | Amber     | Amber     | Amber     | Amber              |
| Carrier                     | Polyimide  | Polyimide                    | Polyimide | Polyimide | Polyimide | Polyimide | Polyimide          |
| Adhesive                    | Silicone   | Silicone                     | Silicone  | Silicone  | Silicone  | Silicone  | Silicone           |
| Carrier Thickness(mm)       | 0.025      | 0.025                        | 0.025     | 0.05      | 0.075     | 0.125     | 0.025              |
| Total Thickness (mm)        | 0.040      | 0.050                        | 0.060     | 0.085     | 0.11      | 0.16      | 0.060              |
| Tensile Strength(N/25mm)    | 160        | 100                          | 115       | 185       | 280       | 450       | 115                |
| Adhesion (N/25mm)           | 3          | 5.0                          | 5.5       | 5.5       | 6         | 6         | 5.5                |
| Elongation at Break (%)     | 70         | 40                           | 45        | 50        | 55        | 60        | 45                 |
| Corrosion Resistance        | 1.0        | 1.0                          | 1.0       | 1.0       | 1.0       | 1.0       | 1.0                |
| Electrical Strength (Volts) | 3000       | 5000                         | 5000      | 7000      | 9000      | 12000     | 5000               |
| Anti-static(Ω)              | -          | -                            | -         | -         | -         | -         | <1X10 <sup>8</sup> |
| Temperature Resistance(℃)   | -20℃-+260℃ |                              |           |           |           |           |                    |
| Width(mm)                   |            | 2~500(Custom Slit Available) |           |           |           |           |                    |
| Lenth(m)                    |            | 33m                          |           |           |           |           |                    |

These values are measured values and not guaranteed value

### Storage Conditions:

Store in a clean dry shady place. Temperature of 23 degrees Celsius and 65 percent relative humidity are recommended.

### Notice:

All physical properties, statements, and recommendations are based either on tests we believe to be reliable or our experience, but they are not guaranteed. Naikos recommends each user determine the suitability of the product for the intended purpose.

### **XIAMEN NAIKOS NEW MATERIAL CO.,LTD**

Tel: +86-592-7368007

Fax: +86-592-7152858

Email: [info@xmnks.com](mailto:info@xmnks.com)

Web: [www.xmnks.com](http://www.xmnks.com) / [www.nkstape.com](http://www.nkstape.com)

Add: No.48, Huli Industrial Park, Meixi Street, Tong'an District, Xiamen, CHINA 361100



***Warranty and Limited Remedy:***

THE FOLLOWING WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE.

Naikos warrants its tape will be free from defects in material and manufacturer. If a tape is proved to be defective, then the exclusive remedy, and Naikos' and seller's sole obligation shall be, at Naikos' option, to replace the quantity of the tape which is proved to be defective or to refund the purchase price.

***Limitations of Liability:***

Except where prohibited by law, Naikos will not be liable for any loss or damage arising from the Naikos' product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

The forgoing Warranty and Limited Remedy and Limitation of Liability may be changed only by a written agreement signed by authorized officers of Naikos and seller.

**XIAMEN NAIKOS NEW MATERIAL CO.,LTD**

Tel: +86-592-7368007

Fax: +86-592-7152858

Email: [info@xmnks.com](mailto:info@xmnks.com)

Web: [www.xmnks.com](http://www.xmnks.com) / [www.nkstape.com](http://www.nkstape.com)

Add: No.48, Huli Industrial Park, Meixi Street, Tong'an District, Xiamen, CHINA 361100

