

## NKS Series Polyimide Kapton Tape

NKS series polyimide tape is made of polyimide film, coated with high temperature resistant silicone adhesive.

### Key Features:

- ★ High electrical strength
- ★ Peeled off without leaving an adhesive residue
- ★ Up to 500°F/260°C temperature resistance
- ★ Class H insulation



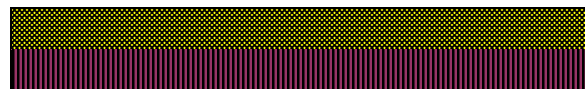
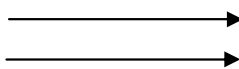
### Application Ideas:

- ★ 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.

### Product Construction:

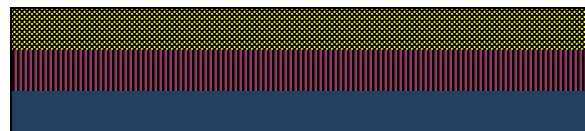
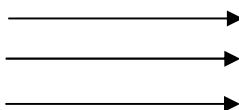
#### NO ESD:

Silicone Adhesive  
Polyimide Film



#### ESD:

Silicone Adhesive  
Polyimide Film  
Antistatic Coating



### Physical 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	150
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(°C)	-20°C~+260°C						
Width(mm)	2-500(Custom Slit Available)						
Length	33m						

Notice: The above were reference value. For detail information, please contact Naikos.

***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.

***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 INDUSTRIAL CO.,LTD**

Tel: +86-592-7152818

Fax: +86-592-7152858

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

Web: <http://china-adhesive-tapes.com/>

Add: No.48, Huli Industrial Park, Meixi Street, Tong'an District, Xiamen City, Fujian, China