

# LINQTAPE NK23

## Nomex Kapton laminate

- 3mil Polyimide - 2mil Nomex
- >14000V Breakdown Voltage
- Class H insulation

**LINQTAPE NK 23** is a two-ply laminate film consisting of 3 mils of Polyimide (Kapton) laminated with 2 mils of Aramid (Nomex) paper from one side, resulting in a film with a total of 5 mil thickness. Nomex paper is bonded to the Polyimide film at high temperature and results in a laminate with good dielectric properties, high heat resistance and high mechanical strength.

NK means Nomex - Kapton. Both Nomex and Kapton are registered trademark names of Aramid paper and Polyimide film respectively. While the trademarks have expired a long time ago, the abbreviation for this kind of laminate remained NKN (NK in this case). Nomex Kapton (Aramid Polyimide) films are great **Class H** insulators for slot, phase, turn to turn, liner and barrier applications in rotating motors. They can be used as transformer and inductor windings while being a popular choice for a wide range of electrical applications.

Property	Value	Unit
<b>Polyimide layer</b>	3	mil
<b>Nomex layer</b>	2	mil
<b>Nominal Thickness</b>	0.155	mm
<b>Yield</b>	0.30	lbs/Syd
<b>Tensile strength</b>	>250	lbs/inch
<b>Elongation</b>	15	%
<b>Breakdown Voltage</b>	>14000	V

### Storage and Handling

Shelf life is more than 1 year if stored in a dry and cool, well ventilated place at room temperature. The product complies with the RoHS and REACH regulations

#### Europe

Industrieweg 15E,  
1566JN Assendelft  
The Netherlands  
Phone: +31 (20) 893 2224  
Email: info@caplinq.com

#### North America

957 Snowshoe Crescent  
Orléans ON, K1C 2Y3  
Canada  
Phone: +1 (613) 482-2215  
Email: info@caplinq.com



#### United States

847 Sumpter Road #5155  
Detroit, MI 48111  
United states  
+1 (313) 558-8243  
Email: info@caplinq.com

#### Asia

Minle Garden, Baoan dst  
Shenzhen City - 51831  
China  
Phone: +861368608 1428  
Email: info@caplinq.com