

LINQTAPE NK 23



2-mil Nomex / 3-mil Polyimide

- 1 Layer of Nomex with a polyimide film
- Breakdown Voltage 14,000V
- Thermal Class H (180°C - 200°C)

LINQTAPE™ NK 233 is a two-ply laminate film consisting of 3 mils of Polyimide (Kapton) laminated with 2 mils of Aramid (Nomex) paper from each side, resulting in a film with a total 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.

NKN means Nomex - Kapton - Nomex. Both Nomex and Kapton are registered trademark names of Aramid paper and Polyimide film respectively. While the trademarks has expired a long time ago, the abbreviation for this kind of laminate remained NKN.

LINQTAPE™ NK 233 Film comes in 45.7 meter (50 yard) rolls with a width of 914 mm (36"). Custom thicknesses are available upon request.

Specifications

Property	Value	Unit
Color	Natural	-
Adhesive Type	None	-
Polyimide Thickness	76.2 (3)	um (mil)
Nomex Thickness	50.8 (2)	um (mil)
Release liner	None	-
Total Thickness	127 (5)	um (mil)
Temperature Resistance	200	°C
Tensile Strength	250	psi
Elongation	15	%
Breakdown Voltage	14,000	V

Storage and Handling

Shelf life is 2 years if stored in a dry and cool, well ventilated place at room temperature.

The product is supplied in rolls and should be kept in a cool (10°C – 25°C) dry place (40% – 75% humidity) away from direct sunlight or temperature extremes. Once removed from packaging it should be protected against dust and other impurities.

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