

## SynTherm® NMiN

SynTherm® NMiN consists of mica paper, covered on both sides with calendared Nomex.

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### Character

SynTherm® NMiN is a combined flexible material of thermal rating class 180-200°C with good electrical properties.

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### Application

SynTherm® NMiN is mainly used as a slot liner and slot closure with improved temperature and corona resistance in the production of low voltage motors.

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### Standards

RoHS 2011/65/EU.  
REACH 1907/2006/EC

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### Delivery Form

Thickness  $\mu\text{m}$ :  
240  
Other dimension need confirm  
SynTherm® NMiN:  
- tapes as of 10 mm width  
- rolls approx. 914mm width

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### Base

Nomex paper + mica paper + Nomex paper

Typical mechanical properties	Unit	Value	Test method
Normal thickness	mm	0.24	IEC 60626
Thickness tolerance	mm	-0.03/+0.03	
Specific weight	$\text{g/m}^2$	286	IEC 60626
Tensile strength MD	N/cm	120	IEC 60626
Tensile strength XD	N/cm	100	IEC 60626
Elongation MD	%	0.5	IEC 60626
Elongation XD	%	0.5	IEC 60626
Application thermal range	$^{\circ}\text{C}$	180-200	IEC 60085

Typical electrical properties	Unit	Value	Test method
Normal thickness	mm	0.24	IEC 60626
Dielectric strength	Kv	4	IEC 60626

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