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# Mica Paper Polyimide Film Tape 18-9L-18-180

## Properties and Applications

18-9L-18-180 is a cured, flexible silicone bonded 4 mil mica tape featuring mica paper reinforced with polyimide film on one side. The typical features of mica and polyimide make this product ideal for applications requiring high temperature along with high dielectric performance.

This product is recommended as ground wall insulation for coils for high performance equipment such as wind generators, traction motors, and medium to large scale high voltage equipment.

This material is available in 35' wide cell wrapper as well as slit tape form.

<b>PROPERTIES</b>	
Thickness:	0.004" +/- 0.0005"
Binder Content:	≤9%
Tensile Strength:	20 Lb/in
Dielectric Strength:	1150 VPM
Shelf Life	1 year @ 70F Min.
<b>CONSTRUCTION</b>	
Polyimide Film:	0.001
Mica Paper:	0.003"

## DIMENSIONS AND TOLERANCES:

All width tolerance are +/- 1/32"

## PACKING AND MARKING:

This material shall be packed and marked in accordance with guidelines set by the purchase order, subject to acceptance by PEI.