



800 Martha Street – Pittsburgh, PA 15120
412/462-6300

Mica Paper Polyimide Film Tape 17-9L-17-170

PROPERTIES AND APPLICATIONS

17-9L-17-170 is a flexible silicone bonded 6.3mil mica tape featuring uncalcinated muscovite 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 any large horsepower high voltage rotating equipment.

PROPERTIES AND CONSTRUCTION		
Thickness	mm	.16±.02
Total Weight	g/m ²	250±20
Mica Weight	g/m ²	160±13
Binder Weight	g/m ²	17±5
Polyimide Film	g/m ²	70±2
Volatile Content	%	< 1
Breakdown Voltage	kv	9 minimum
Tensile Strength	N/cm	80 minimum
Shelf Life	--	6 months @ 70° F
Temperature Class	--	H

PACKING AND MARKING:

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