



800 Martha Street – Pittsburgh, PA 15120
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MICA Paper Tape

31-4L-31-110

Properties and Applications

31-4L-31-110 is a fully cured, polyester bonded mica tape featuring mica paper reinforced with woven fiberglass cloth, faced on both sides with polyester film. The polyester resin is fully compatible with most commonly used varnishes and VPI resins.

This product is recommended as ground wall insulation for coils up to 7kv or as insulation for the flexible nose of 13.8kv hard pressed coils. 31-4L-31-110 is rated for operation up to 155°C.

Main Specification

PROPERTIES	
Thickness:	0.006" +/- 0.0005"
Binder Content:	27% by Weight
Tensile Strength:	80 Lb/in Min.
Dielectric Strength:	1400 VPM
Shelf Life	N/A
CONSTRUCTION	
Polyester Film:	0.0005
Mica Paper:	0.0025"
Fiberglass Reinforcement:	0.002"
Polyester Film:	0.00025 both sides

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 purchaser.