



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

MICA Paper Tape

31-4L-31-110

Properties and Applications

31-4L-31-110 is a cured, flexible elastomer bonded mica tape featuring mica paper reinforced with woven fiberglass cloth, faced on both sides with polyester film.

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. It is recommended that a bake cycle of 4 hours at 300°F be utilized for optimum electrical performance.

Main Specification

PROPERTIES	
Thickness:	0.006" +/- 0.0005"
Binder Content:	20-25%
Tensile Strength:	80 Lb/in
Dielectric Strength:	1150 VPM
Shelf Life	1 year @ 70F Min.
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.