



65 PVC Electrical Tape



DESCRIPTION

Electro #65 is a conformable 7-mil thick vinyl plastic tape designed to perform in temperature environments up to 80°C (176°F). Electro #65 has excellent resistance to: acids, alkalies, abrasion, moisture, corrosion and varying weather conditions (i.e.: sunlight). Electro #65, with its memory (elasticity) 7-mil thickness and adhesion characteristics, provides moisture-tight electrical and mechanical protection.

FEATURES

- U.L.510 & C.S.A. Approved
- Polyvinyl chloride (PVC backing).
- Pressure sensitive (rubber based adhesive).
- Memory (elasticity) of the tape allows it to hold tightly and provide pressure without slipping or flagging.
- Compatible with all solid dielectric cable insulations.
- Highly resistant to chemical attack, ultra violet light and physical abuse.
- Usable for indoor and outdoor applications.
- Meets UL requirements for 80°C
- Will not crack, split, slip or flag when exposed to various environments.

APPLICATIONS

- Primary electrical insulation for all wire and cable splices up to 600 volts and 80° C (176° F).
- For wire and cable harnessing.
- Excellent abrasion resistance for high voltage cable splices and termination (forms a protective jacket).

PHYSICAL PROPERTIES

Normal temperature rating – UL	80° C
Color	Black
Thickness (ASTM D-1000 78)	7 mils
Adhesion to steel (ASTM D-1000 78 72° F)	23 oz/in
Adhesion to backing (ASTM D-1000 78 72° F)	21 oz/in
Breaking strength (ASTM D-1000 78 72° F)	18 lb/in
Elongation (ASTM D-1000 78 72° F)	200%
Dielectric Strength (volts)	8750
Dielectric Wet (volts)	7900
Electrolytic corrosion (ratio)	1.0
Insulation resistance megohms (ASTM D-1000 78)	1 X 10 ¹⁴ th
Water absorption	1%
Resistance to ultraviolet light	Pass
Resistance to alkalies	Excellent

The physical and performance characteristics shown are averages obtained from tests recommended by ASTM, government agencies or our own procedures. A particular roll may vary slightly from these averages and it is recommended that the purchaser determine the suitability for his own purpose.