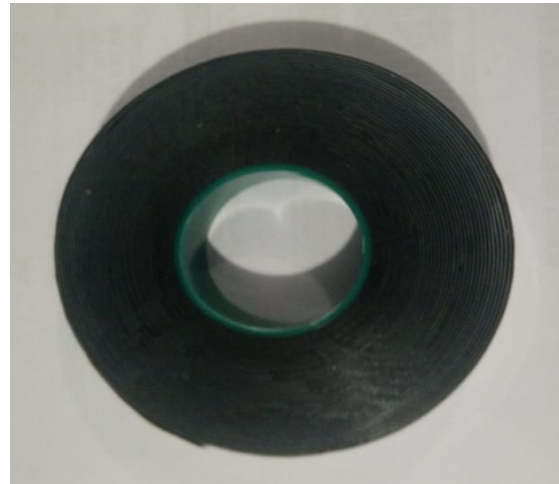
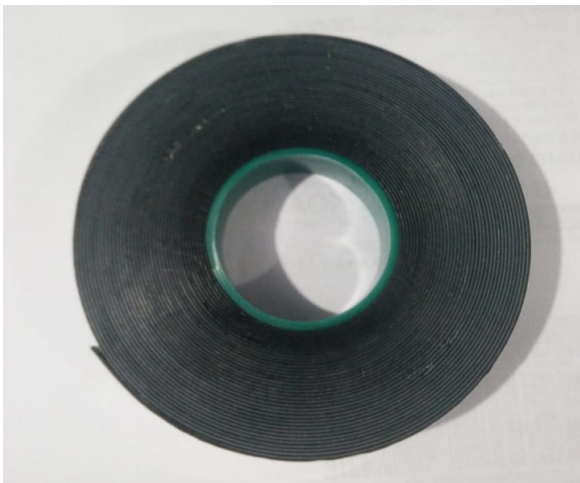


## HIGH VOLTAGE INSULATING & JACKETING TAPE



### PRODUCT DESCRIPTION

It is highly conformable, non-vulcanizing, non-drying, self fusing; EPR based High Voltage Insulation & Splicing Tape. It has excellent electrical & physical properties. It can be used for insulation of High Voltage power cables upto 69,000 Volts (69KV). BRISEAL maintains very tight & void free insulation which is resistant to moisture penetration and thus ensure electrical stability. BRISEAL also dampens vibrations thus prevents loosening of cable joints and ensure longer cable life. BRISEAL can be applied in stretched or un-stretched conditions without any loss of electrical properties

### PRODUCT FEATURES

1. Self Fusing and Self Amalgamating primary insulating
2. Excellent Electrical and Physical Properties.
3. Excellent Thermal Stability over wide temperature range.
4. Excellent Moisture Resistant and Corrosion Resistant,
5. Excellent Weather Resistant and Vibration Dampner.
6. Excellent Ozone, UV and Corona Resistant.
7. Compatible with all solid dielectric Cables of HDPE, LDPE, XLP, PVC, Butyl Rubber etc.
8. Designed to insulate Splices & Terminate Cables whose emergency overload temperatures can reach upto 130°C.
9. Suitable for Indoor as well as Outdoor Applications.  
Easy Application and Long Shelf Life.

## RECOMENDED USES AND APPLICATIONS

1. For Insulation & Jacketing of all solid dielectric Power Cables upto 69000 volts (69KV)
2. For moisture sealing of electrical connections.
3. For cable jacket repairs and restoration.
4. For Insulation and protection of Bus Bar and its components.
5. For Weatherproofing of RF Connectors and Cables in Tele-communication Industry.
6. For End Sealing of High Voltage Cables (In Cable Jointing and Splicing Kits).
7. In Power Distribution and Power Transmission Cables.

## PHYSICAL, CHEMICAL AND ELECTRICAL PROPERTIES

TEST	TEST METHOD	VALUE
Color	Visual	Black
Thickness	ASTM D-4325	0.76 mm +/- 5%
Tensile Strength	ASTM D-4325	8 lbs / inch
Ultimate Elongation	ASTM D- 4325	800%
Heat Resistance	ASTM D - 4325	130 deg.c
Fusion	ASTM D - 4325	passes
Water absorbtion	ASTM D-570	0.06 %
Ozone Resistance	ASTM D - 4325	passes
UV Resistance	ASTM D - 4325	passes
Dielectric Strength	ASTM D - 4325	800 V/mil
Dielectric Constant	ASTM D - 4325	2.5
Volume Resistivity	ASTM D - 4325	> 2.5 x 10 <sup>13</sup> Ohm-cm

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