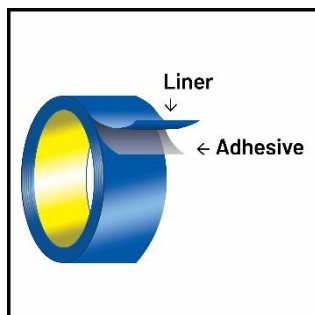


# W963 Bishop

## ELECTROTECHNICAL TAPES (MEDIUM & HIGH VOLTAGE)

### TAPE STRUCTURE



### PRODUCT DESCRIPTION

#### Backing:

- Ethylene propylene rubber (EPR).

#### Liner:

- Based on rubber EPR.

#### Colour:

- Black.

### W963 Bishop

High voltage tape.

### APPLICATION

- For insulating and jacketing of splices on power cable from 600 volts through 69,000 volts.
- For building stress cones and jacketing of terminations on power cable from 600 volts thru 35,000 volts.
- Due to its high stable mechanical and chemical properties, is ideal for cable jacket repair and restoration.
- Waterproofing and bundling the cables.

### FEATURES AND ADVANTAGES

- Excellent electrical insulation.
- Resistant to: ageing, acids, corrosion, all weather – including UV.
- Possessing excellent electrical, chemical, and physical properties.
- Self-amalgamating tape that maintains a tight insulation build-up for void free electrical stability and permanent resistance to moisture penetration.
- The excellent stretch permits fast taping speeds and uniform build-up with normal taping techniques, is compatible with all extruded dielectric cable insulations.
- Outstanding corona resistance.
- Resistance to short-term temperature +130°C, partial discharges.
- In contact with the oil surface reacts, ie. can be used for the sleeve oil cables.
- During application with tension changing color into gray what gives a uniform layer without air bubbles.
- Easy to apply, very elastic.

### USAGE

- Apply to the dry, clean, and degreased surface, free from other contaminants.
- Optimal application temperature: 10 ÷ 40°C.
- Wrap the tape with min. 50% overlap.
- During application use tension and pressure to smooth the tape by hand.

### STORAGE

- Store the product in dry area in original packaging.
- Protect the cartons against mechanical damage.
- The recommended storage temperature: up to 25°C.

### PRODUCT FORM & SIZE AVAILABLE

19 mm x 9 m.

### TECHNICAL DATA

Parameters	Unit	Value
Total thickness	mm	0.76
Dielectric strength	kV/mm	min. 39.5
Breakdown voltage	kV	min. 10
Temperature range	°C	to 90
Tensile strength	MPa	min. 2.3
Elongation	%	min. 950
Volume resistivity	Ωcm	10 <sup>16</sup>
Water absorption	%	0.06
Ozone resistance	-	Pass
UV resistance	-	Pass

Product meets the applicable restrictions of RoHS Directive and Reach regulations.



ANTICOR Sp. z o.o. holds the ISO 9001:2015 certificate.

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