



Description

BRISEAL- HV69K is EPR based Self Fusing & self Amalgamating Tape used in Telecom & Power sector for Connector Sealing. It is highly conformable, non-conductive Tape with excellent electrical & physical properties. It can be used for insulation of high Voltage power cables up-to 33,000 Volts (33KV). BRISEAL maintains very tight & void free insulation. It makes an effective water tight weather shield around Coaxial Connectors ensuring moisture proof connection for better signal quality. BRISEAL also dampens vibrations thus prevents loosening of connectors and improves connection life. It is non-drying hand mouldable putty like material in tape form with removable release liner. It is non-hazardous, without Asbestos & Solvents. It is non-contaminating, anti-corrosive & thermally stable. It is pressure sensitive & fills irregularities of connector structure and provides effective barrier against water, moisture, dust, dirt, insects etc.

Technical Specifications

Composition - EPR & Synthetic Resins

Colour & Appearance - Roll form In Black Colour

Non Volatile Contents - 99.8 % at 100°C for 3 hours

Ultimate Elongation - 800 % Appx

Service Temp. Range - -20°C to +60°C

Dimensions - Thickness 0.80mm, Length 9.1m

Tensile Strength - 8.8 N/cm

Reach Compliance - Yes for 168 hazardous substances

ROHS-2 Compliance as per EU Directives 2015/863 - Pass for 4 Heavy Metals, PBBs, PBDEs, DBP, BBP, DEHP & DIBP

Shelf Life - One year when stored between -25°C to 40°C away from heat, water, moisture & direct Sun light

Installation Method:

BRISEAL-HV69K should be used in stretched condition and should be applied diagonally overlapping to half width with each wrap until desired uniform build up is achieved.

To eliminate voids in critical areas, tape should be stretched to double of its length. Press the tape against the connector body & cable with thumb and fingers to remove any gaps and to ensure that all the wraps fuse together to form one sheath around the connector.

**Important Tips:**

Don't pull the BRISEAL Tape to tear it. Always cut with Scissors only.

Store BRIPOL-WPK in original packing at temperature between -25°C to 40°C, away from heat, water, moisture & direct Sun light

Uses and Applications:

- For Insulation & Jacketing of all solid dielectric Power Cables up-to 33000 volts (33KV)
- For moisture sealing of electrical connections.
- For cable jacket repairs and restoration.
- For Insulation & protection of Bus Bar & components.
- For Weatherproofing & sealing of RF Connectors and Cables in Tele-communication Industry.
- For End Sealing of High Voltage Cables (In Cable Jointing and Splicing Kits). I
- n Power Distribution and Power Transmission Cables.

Available Sizes:

BRISEAL19 - 19 mm x 0.8 mm x 9.1 Meters

BRISEAL25 - 25 mm x 0.8 mm x 9.1 Meters

BRISEAL38 - 38 mm x 0.8 mm x 9.1 Meters

BRISEAL50 - 48 mm x 0.8 mm x 9.1 Meters