



WATERPROOF KIT TECHNICAL SPECIFICATION

AST-C1011X

For one BTS with 7/8" feeder

A1-02/06/2009

1. Packing list

Rubber Mastic Tape size:50.8mm*3m*1.65mm: 3 Pieces

PVC Electric Tape size:18mm*20m*0.18mm:6 Pieces



2. Tape Feature

Rubber Mastic Tape

- Conformable for application over irregular surfaces
- Compatible with solid dielectric cable insulations
- Self-fusing tape
- Flexible over wide temperature range
- Excellent weather and moisture resistance
- Excellent adhesion and sealing characteristics with copper, aluminum and power cable jacket materials.
- Thick construction allows quick application build-up and padding over irregular connections.

PVC Electric Tape

- Flame Retardant
- Polyvinyl chloride (PVC) backing
- Pressure - sensitive rubber based adhesive
- Compatible with solid dielectric cable insulation .
- Inhibits corrosion of electrical conductors
- For indoor and outdoor uses

3. Applications

Rubber Mastic Tape

- Padding for irregular connections.
- Moisture seal for cable and wire connections.
- Moisture seal for service drops.
- Moisture seal for ground wire and rod connections.
- Jacket seal on power and RF cable applications.

PVC Electric Tape

- Harnessing of wires and cables.
- Protective jacketing for high voltage cable splices and repairs.
- Primary electrical cable splices rated up to 600 volts and to 80°C.

4. Typical Data

Rubber Mastic Tape

• Temperature Rating	:	90°C
• Color	:	Black
• Thickness	:	1.65mm
• Tensile Strength	:	1.03N/mm ²
• Elongation	:	1000%
• Dielectric Constant	:	3.5
• Dissipation Factor	:	1.0%
• Water Absorption	:	0.15%
• Ozone Resistance	:	Pass
• Heat Resistance	:	Pass, 130°C
• UV Resistance	:	Pass

PVC Electric Tape

• Temperature Rating	:	80°C
• Color	:	Black
• Thickness	:	0.178mm
• Exposure to heat	:	168 hrs@ 113°C (No cracking, corrosion and flagging)
• Exposure to cold	:	2 hrs@ -10°C (No cracking, corrosion and flagging)
• Ultimate Elongation	:	200%

5. Installation

- These two tapes should be used together to ensure the protection.
- The Rubber Mastic tape should be used on the first layer and be applied in half-lapped layers until desired insulation build up is reached. Stretch the tape to 3/4 of its original width during application for good conformability and to obtain a moisture tight seal. Typical length per connection is 75 CM.
- The PVC Electric tape should be used on the second layer and be applied in half-lapped layers with sufficient tension to conform and produce a uniform covering. On pigtail splices, the tape should be wrapped beyond the end of the wires and then folded back, leaving a protective cushion to resist cut-through. **Apply the tape with no tension on the last wrap to prevent flagging.** Typical length per connection is 10m.

This technical specification is for reference only and is subject to change without notice

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