



## Insulation Enhancement Systems

**Product Description :** Vulcan 80 Weather Proof mastic tape is a new generation made from EPR and butyl rubber. Vulcan 80 is produced according to a new improved formula, which is a fusion of all Advice from the base station staff. It has the new characteristics of being light & thin and easy to be operated.

**Applications :**

- ◆ Use for insulating, filling and moisture sealing in splices of all types of power cables and optical Telecommunication cables.
- ◆ Use for insulation and moisture sealing irregular shaped bus bar bolted connections.
- ◆ Use for moisture sealing high or low voltage junction boxes and irregular splices.
- ◆ Moisture seal for power cable and wire connections.
- ◆ Moisture seal for service drops.
- ◆ Moisture seal for ground wire and rod connections.

<b>Tape Features :</b>	Continuous weatherproofing	Good tensile strength.	Ultra-thin
	Suitable for irregular shapes cable	Resistance to high/low temperature	Resistance to corrosion
	Resistance to ozone, UV, xenon exposure	New formulation for insulation	
	Operation and installation easily	Excellent adhesion to copper, aluminum and cable jacket.	

**Installation :** Vulcan 80 weather seal mastic tape should be applied in half-lapped layers until desired insulation build up is reached.

- Step 1: Wipe off the dusts on the splice area before wrapping.
- Step 2: Remove the liner and stretch the tape to 1 to 2 times of its original length, apply the tape in 50% lapped with mastic side toward area to the wrapped. Stretching the tape to 4 times of its original length is not recommended.
- Step 3: Make sure there is 30mm to 50mm wrapping tape above both sides of the splice area.
- Step 4: After Vulcan 80 Weather Proof mastic tape is applied, overwrapping PVC insulation tape is recommended, apply 3 layers of PVC insulation tape in a 50% overlapping

TECHNICAL DATA			
S.No	Test Item	Result	Test Method
1	Dimension	45mm x 1mm x 10M	ASTM D4325
2	Tensile Strength	0.74 MPa	ASTM D4325
3	Elongation at Break	906%	ASTM D4325
4	Dielectric Strength	20 KV/mm	ASTM D1000
5	Adhesion (180°C Steel peel)	29.6 N/50mm	ASTM D1000
6	Ozone Resistance	Pass	ASTM D4388
7	UV Resistance	Pass	ASTM D4388
8	Xenon-arc Exposure	Pass	ASTM D4388

