POSSUM*TAILS*

Instructions For Use

CAUTION:

- *This product is to be used by authorised industry trained personnel only.*
- *The use of this product must adhere to appropriate work practises and or industry standards ensuring compliance to all Workplace Health and Safety Regulations.*
- *This product may only be installed onto an asset when the asset owner has approved of such installation.*
- *Failure to follow appropriate work practices and operational instructions or modifications to this equipment can result in product damage and or serious injury.*
- *These instructions are to be read in conjunction with the Balmoral Engineering terms and conditions published on our website.*

1. Recommended Installation Position

Recommended to install the Possum Tails on any bare conductors, bonds, bridges or jumper wires that have the risk of wildlife contact, vegetation contact, or potential flashover. It is strongly recommended to cover all phases.

Currently, one size is available and will fit conductors with outer diameters range from ⌀11mm to ⌀19mm.

2. Installation Instructions

| Step 1: Preparation |
|---|
| 1) Check the core dimensions to ensure the Possum Tails fits the conductors going to apply. |
| 2) The surface of all conductors should be free of sharp edges or burrs. |
| 3) Suggested to use an approved solvent to clean the conductor thoroughly before applying. |
| 4) Measure and cut the Possum Tails to length needed for the application. |
| *Note: Make sure not to damage any other surface of the Possum Tails when cutting it.* |

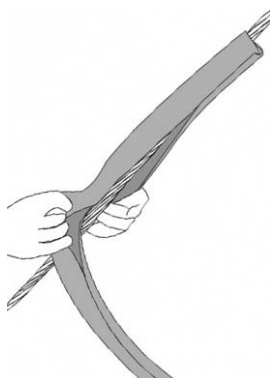| Step 2: Installation – two recommended installation methods |
|---|

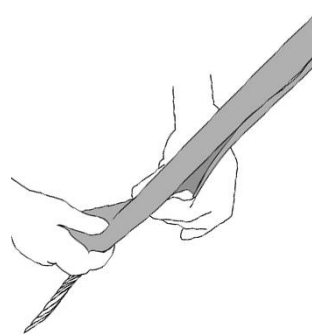**Method A: Install by <u>Hands</u>**
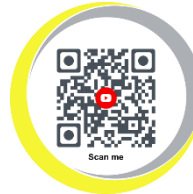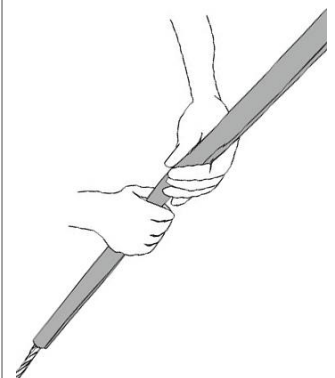
Scan the QR code
Or
Click here to watch video
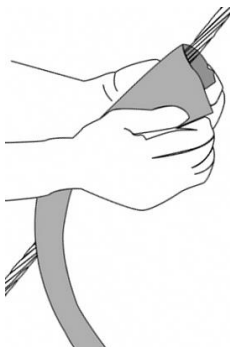
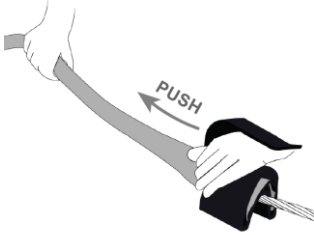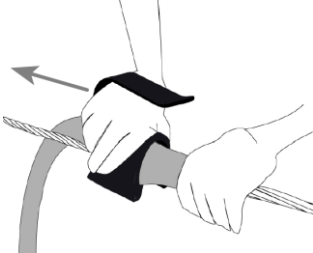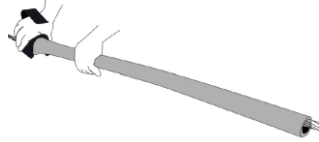| A1. Spread open one end of the Possum Tails and place it around the conductor.	A2. Spreading the whole length open while installing along the conductor.	A3. Remove any gaps or kinks along the length of the conductor once installed.	A4. Twist with hands in opposing directions to remove any gaps and kinks.

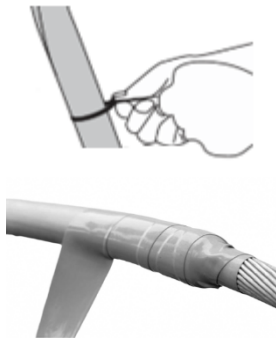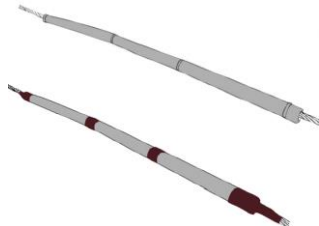**Method B: Install by <u>Slider Tool</u>**

(Part No. PT-TL) *
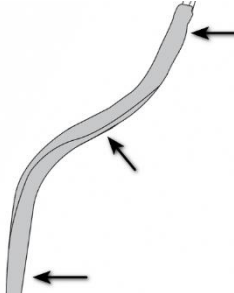
Scan the QR code
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B1. Insert the Tool from one end of the Possum Tails by spreading open it.

B2. Place the tool on the conductor with a suitable angle.

B3. Move the tool through the Possum Tails with the other hand feed it in, or the other hand hold the start point.

B4. Go through to the end and remove the Tool from the conductor.

* The Slider Tool (Part No. PT-TL) is still on prototype, non-batch production and can be supplied separately. Consult Balmoral Engineering for more information.

Step 3: Securing

Cable Ties*

Self-fusing Silicon Tape*

It is recommended to secure along the Possum Tails at regular intervals 50 mm - 150 mm (2" - 6") apart and at the ends of the section.

The Possum Tails can be secured in place by Cable Ties or Self-fusing Silicon Tape.

Apply a small amount of tension when using the Self-fusing Silicon Tape. The plastic backing should be removed so that the tape is allowed to adhere to itself.

* Be supplied separately.

Consult Balmoral Engineering for more information.

Installation complete.

3. Storage and Use Instructions

1) It is desirable that Possum Tails are stored in a stable room temperature environment away from sharp objects, sunlight, ozone and steam.

2) Kept clear of oil-based products and hydrocarbon derivatives.

3) All Possum Tails should be visually inspected for any defects. Any item found to be defective should be removed.

4) Recommended cleaning the products using either a mild detergent or Polywater®.

For more product information please visit our website: **www.balmoralengineering.com**