



Compiled/Updated	LL
Approved	CD
Issued Date	18-5-26
Revision	1

# Product Data Sheet - Possum Tails Conductor Cover

*Safeguarding Powerlines with Advanced Wildlife and Fire Protection*

## Key Features:


- **Wildlife Protection:** Prevents flora & fauna from contacting live wires - preventing outages, protecting wildlife and the environment.
- **Durable:** Engineered with UV-resistant materials ensuring long-term performance.
- **Highly Flame Retardant:** V0 flame resistant - Non-combustible which helps prevent flame spread or habitat ignition.
- **Lightweight:** Designed for minimal weight
- **For use up to 38kV phase to phase line voltage** (as per IEEE 1656).
- **Simple Installation** by hand or with tool
- **Superior overlap** for better coverage around tight bends

## Applications:

- **Possum Tails** helps mitigate the risk of foliage and wildlife contacting powerlines, reducing the likelihood of fires, power outages and incidents.
- **Possum Tails** is a cost-effective measure compared to the potential consequences, of the loss of wildlife habitat, the risk to human life, and significant damage caused to electrical infrastructure.
- **Possum Tails** is a durable, lightweight solution that not only addresses the issue of wildlife electrocution but also enhances fire safety and operational efficiency. Plus, it is easy to install using a specialised slider tool.
- With features such as UV stability and flame retardancy, **Possum Tails** ensures long-lasting protection under harsh environmental conditions, making it a practical and effective choice for comprehensive powerline safety management.



Scan for instructions



**Part description:**

Possum Tails

Install Slider Tool

**Part Number:**

PT-TL

Compiled/Updated	LL
Approved	CD
Issued Date	18-5-26
Revision	1

### Part No. Table (A)

Part No.	Description
PT20A1	Possum Tails 15m Length Gray Silicon Rubber Covers

### Dimensions Table (B)

L	T	D	CD	Overlap	Unit Weight	Colour
15m 49.2ft	Up to 3.8mm Up to 0.15"	Ø20mm Ø0.8 "	Ø11mm-Ø19mm Ø0.45"-Ø0.75"	Min 60mm Min 2.36"	630g/m 2oz/ft	Grey

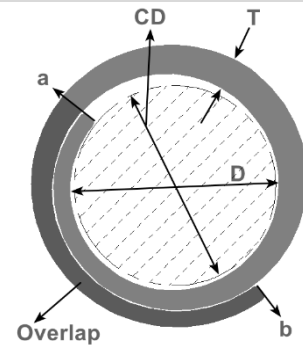
**L** = Unit Length, one piece at 15m (49.2ft) per package.  
Can be cut to length as needed during installation.

**T** = Thickness, Max thickness up to 3.8mm (0.15").

**D** = Possum Tails Inner Diameter in free state.

**CD** = Use Range, Suitable Conductor Outer Diameter from Ø11mm to Ø19mm (0.45"-0.75").

**Overlap** = The overlap length from Point **a** to Point **b**, minimum 60mm (2.36") when applied on Ø19mm (0.75") conductor.



Note: Any dimensions or weights figures are estimates only.

### Materials Table (C)

Standard UV stabilized V0 grade flame retardant Silicon Rubber

Compiled/Updated	LL
Approved	CD
Issued Date	18-5-26
Revision	1

## Ratings Table (D)

1	<b>Tensile Strength<sup>(a)</sup></b> ASTM D412	6.3 MPa 914 PSI	2	<b>Elongation<sup>(a)</sup></b> ASTM D412	158.2%
3	<b>Tear Resistance<sup>(a)</sup></b> ASTM D624	15.9 kN/m 90.8 PPI	4	<b>Durometer</b> ASTM D2240	Shore A - 70
5	<b>UV aging test for 1000hours<sup>(b)</sup></b> ISO 4892-3, 4582	No visual signs of damage	6	<b>Flammability<sup>(b)</sup></b> UL94	V-0, did not ignite
7	<b>AC Dry/Wet Withstand test/1min<sup>(c)</sup></b> Refer to IEEE 1656 test method	Application voltage up to 38kV phase to phase (both phases covered) Tested at 26kV (Phase to Ground) without the occurrence of disruptive discharge or other electrical failure	8	<b>Testing on 247°F/120°C heated rod for 1hour<sup>(c)</sup></b>	No adverse functional effect on unit

(a) Results obtained from the supplier test report tested on the silicon rubber material.

(b) Results obtained at a third-party test lab for reference.

(c) Results obtained at Balmoral Engineering inhouse test lab for reference.

*Disclaimer: BALMORAL ENGINEERING, ROTAMARKA, TIGER TAILS and BIRDFLAPPA are trademarks owned by Balmoral Engineering Pty Ltd. The information in this document or product specification is believed to be correct as of the date of issue and is subject to change without notice. This document should be read in conjunction with the applicable Instructions For Use (IFU) document. Data within Balmoral Engineering Product Data Sheet (PDS) may be subject to tolerances. These tolerances will be defined within the applicable PDS or made available on request. Results and output data in this data sheet are indicative of lab testing protocols and may vary in field applications or environments. BALMORAL ENGINEERING makes no guarantees, expressed or implied as to the merchantability or fitness for purpose. The products are only to be used and installed by industry certified personnel. If applicable, maximum test speeds should be endured by the Products for a limited time period no greater than those described in the lab protocols. Imperial system units of measure are approximations only and have been converted from the data originally recorded in the metric system. Performance of the device in extreme weather events or harsh environments is not warranted. If BALMORAL ENGINEERING sells any component of a product or kit, we make no representations or guarantees as to the serviceability of the actual product or kit into which the component is being added. Furthermore, it is recommended that any such addition to the kit is done by BALMORAL ENGINEERING. In relation to the Balmoral Engineering Visual Warning series of products, it should be noted that not all visual responses to the device are going to be similar or alike. As such, no guarantees can be given as to the products effectiveness. Given the variety of factors that can affect the use and application of a product, some of which are within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for the user's method of use or application. The purpose of this document is to provide a description of the product and/or guidance to the installation thereof. When installing Balmoral Engineering products, due consideration must be given to the user's training and practice methodologies including any requirements of the entity who owns the infrastructure onto which the BALMORAL ENGINEERING Product is being installed. This must take precedence over any guidance BALMORAL ENGINEERING may provide. Notwithstanding, that all the above guidelines are followed, the ultimate responsibility for installing and maintaining the product correctly is with the end user. BALMORAL ENGINEERING accepts no liability for consequential damage relating to wildfires or bushfires particularly in regard to incorrect installation. As service environments may differ markedly with each application, the level of care required may change and is solely the responsibility of the end user. Any product images displayed are representative only. The above data sheet is provided as an estimate of performance and life and is not a guarantee or warranty. © 2026, All Rights Reserved, Balmoral Engineering Pty Ltd.*