

## NYLON RELEASABLE UV TIES

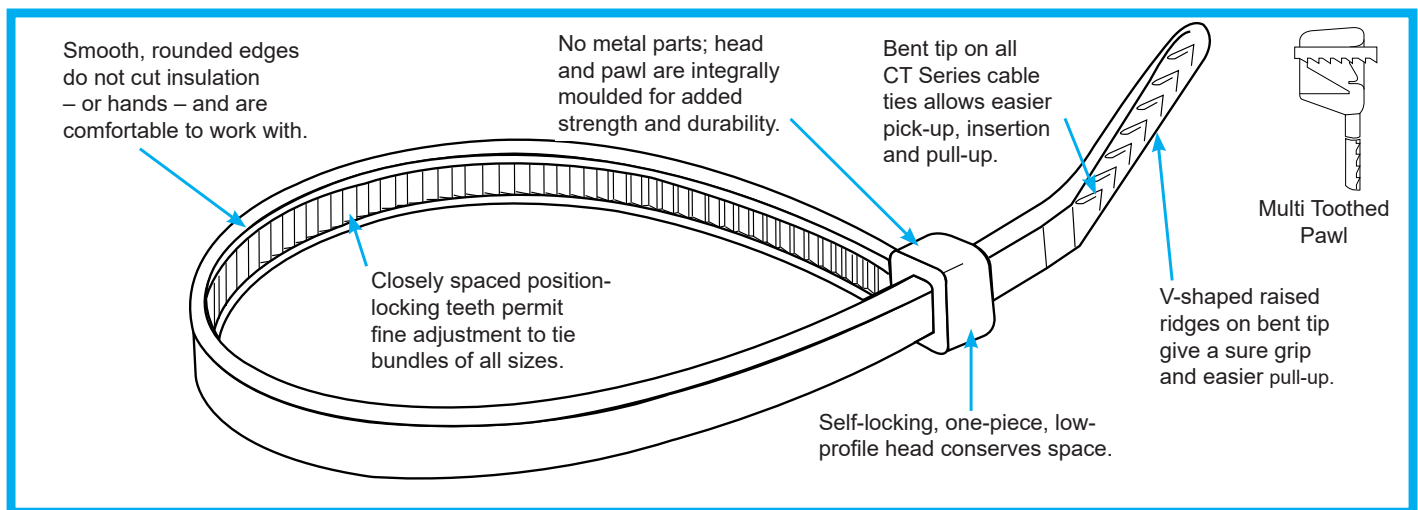
### FEATURES

- Made from Polyamide 6,6, Halogen Free
- Releasable head and pawl are integrally moulded for added strength and durability
- Smooth round edges do not cut insulation
- Black colour UV Stabilised for outdoor use



### ORDERING INFORMATION

PART NO.	LOOP TENSILE STRENGTH (KG)	BUNDLE DIAMETER (MM)	LENGTH (MM)	WIDTH (MM)	THICKNESS (MM)	COLOUR	UNIT	QTY
CTR140BK	18	33	140	3.6	1.2	BLACK	PAK	100
CTR200BK	22	50	200	4.8	1.3	BLACK	PAK	100
CTR290BK	22	76	300	4.8	1.4	BLACK	PAK	100
CTR365BK-HD	54	102	370	7.6	2.1	BLACK	PAK	100
CTR500NT	114	120	480	12.6	2.1	NATURAL	PAK	25



In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.

## Cable Ties - Polyamide 6,6 (PA66) Nylon® Halogen Free

Over decades we have developed our Cable Tie to meet the most demanding range of climate conditions found across Australia and New Zealand, which exhibit extremes of temperature, humidity and UV radiation levels.

One-piece, injection-moulded construction provides maximum strength and adjustability for securing all sizes of bundles. Extra features such as rounded edges and bent-tip design make installation easy, fast, accurate and secure. Installation tools are not required but are suggested where controlled, uniform tension and cut-off applications are desired.

Split mandrel, loop tensile strength tests show that the most vulnerable stress point for a nylon cable tie is its pawl. There is a trade-off between insertion/pull-up ease and strength of a cable tie. The stronger the pawl, the more force is required to insert and pull up the strap as it engages the pawl teeth. Cable ties are designed to optimise insertion ease and still meet or exceed all applicable strength requirements. This magnified cross-section illustrates our full four-tooth locking engagement between strap and pawl under load. This intimate contact between pawl and strap teeth, ensures that the strength of the pawl is fully utilised.

Installations under conditions of full tropical sun and/or very low relative humidity, must be referred to CABAC design engineers for evaluation and recommendations.

Exterior applications should use black (U.V. stabilised) ties.



### Technical Data

#### Conformant Standards

UL; Mil Spec; IEC; VDE; DIN

#### Refer

[Mil-S-23190E - testing](#)

#### Smoke Emission

Low smoke / Halogen free

#### Material

[NATURAL - PA 66 with additives](#)

BLACK - PA 66 with UV stabilisers

#### Electrical data

[Breakdown voltage](#) 20 kV/mm

Moisture content 2.5% w.v. @ 23%/50%RH

### Operating Temperature

-40°C to 85°C

### Flammability

Passed - U.L. 94V-2

### UV Stability (Black Ties only)

Nylon Polyamide 66 material with 2.5% Carbon Black for UV Protection.

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