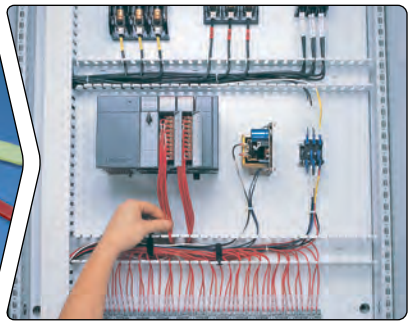
## Cable Tie Styles Overview

### Pan-Ty® Cable Ties

Pages B1.6 – B1.35



- Designed for use in numerous applications to meet a variety of needs in the OEM, MRO, and construction markets
- Largest selection of styles, materials, and sizes
- One-piece construction for consistent performance and reliability
- Lowest threading force of any one-piece cable tie in the industry

### Super-Grip® Cable Ties

Pages B1.36 – B1.40

- Designed for the strength requirements of the MRO and construction markets
- Thin, wide strap body – flexible, conforms to bundles
- Strong – withstands rough installation practices
- Grips wires tightly and resists lateral movement

### Dome-Top® Barb Ty Cable Ties

Pages B1.41 – B1.53

- Approved for the demanding MRO and construction requirements as typified in the oil and gas markets
- Stainless steel barb provides consistent performance and reliability
- Infinitely adjustable for tight bundles throughout entire bundle range
- Dome-top head features unique patented design with smooth, round edges

### Parallel-Entry Cable Ties

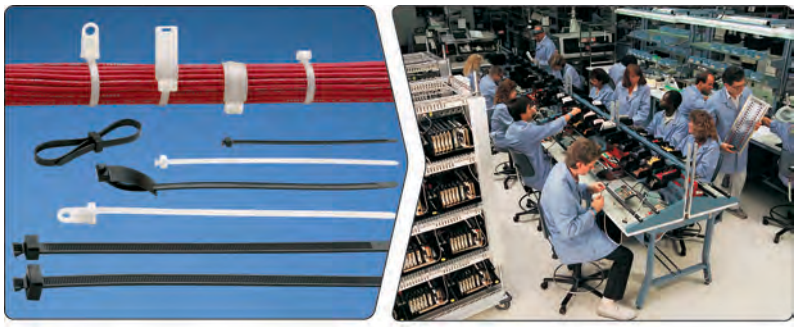
Pages B1.54 – B1.62

- Designed for use in the OEM and transportation markets
- All parallel-entry ties provide a low profile head which avoids snags and reduces overall bundle size
- No protrusion of tie cut-off – protects workers' arms/hands
- Contour-Ty® Cable Ties have outside teeth and smooth, round edges to protect cable jacket – perfect for high vibration applications

Order number of pieces required, in multiples of Standard Package Quantity.

## Sta-Strap® Cable Ties

Pages B1.63 – B1.69



- Convenient and easy to use in OEM manual assembly operations
- Exclusive, two-piece design provides lowest threading force in the industry
- Use for normal bundling and through-panel applications
- Releasable prior to final tensioning and cut-off

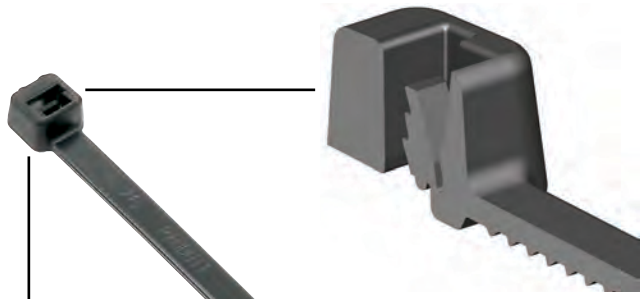
## Network Cable Ties

Pages B1.81 – B1.88


- Ideal for the telecommunications, financial, education, and government markets
- Adjustable, releasable, and re-usable
- No risk of over-tensioning or damaging high performance network cables
- Variety of styles, sizes, and colors

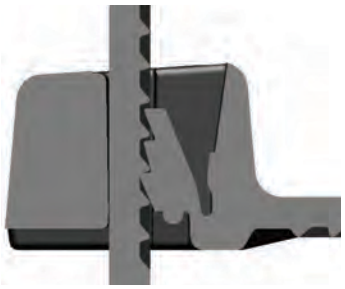
## Features and Benefits – Pan-Ty® Cable Ties

One-piece design for consistent performance and reliability.
Available in lengths from 2.8 to 43.3 inches and a variety of styles, materials, and colors for specific applications.



One-piece locking wedge provides consistent, reliable performance

High loop tensile strength exceeds industry standards



Low threading force reduces operator fatigue and improves productivity

Curved tip threads easily and installs faster

Finger grip ensures positive grip during threading of tie

Cable tie tools speed installation and reduce total installed cost.

Visit www.panduit.com/tools.

Cable tie accessories are used to speed and simplify the mounting of wires, cables, and tubing.

See pages B2.1 – B2.26.

Order number of pieces required, in multiples of Standard Package Quantity.

## Selection Guide – Pan-Ty® Cable Ties

| Material, Color (Suffix) | Style/Function | Part Number Prefix | Catalog Page |
|---|---|---|---|
| Nylon 6.6, Natural (No Suffix) | Locking Ties/Bundle | PLT | B1.8, 9 |
| | Releasable Ties/Re-usable | PRT | B1.20 |
| | Clamp Ties/Mount | PLC | B1.24 |
| | Push Mount Ties/Mount | PLWP, PRWP, PLUP, PLP | B1.26, 28, 31 |
| | Marker Ties/Identify | PLF, PLM | B1.32 |
| Weather Resistant Nylon 6.6, Black (0) | Locking Ties/Bundle | PLT | B1.10, 11 |
| | Releasable Ties/Re-usable | PRT | B1.21, 22 |
| | Clamp Ties/Mount | PLC | B1.25 |
| | Push Mount Ties/Mount | PLWP, PRWP, PLUP, PLP | B1.27 – B1.31 |
| | Marker Ties/Identify | PLF, PLM | B1.32 |
| Heat Stabilized Nylon 6.6, Black (30) | Locking Ties/Bundle | PLT | B1.12 |
| | Releasable Ties/Re-usable | PRT | B1.21, 22 |
| | Clamp Ties/Mount | PLC | B1.25 |
| | Push Mount Ties/Mount | PLWP, PRLWP, PRWP, PLUP, PLP | B1.27 – B1.31 |
| Heat Stabilized Weather Resistant Nylon 6.6, Black (300) | Locking Ties/Bundle | PLT | B1.13 |
| Heat Stabilized Nylon 6.6, Natural (39) | Locking Ties/Bundle | PLT | B1.12 |
| Flame Retardant Nylon 6.6, Black (60) | Locking Ties/Bundle | PLT | B1.14 |
| Flame Retardant Nylon 6.6, Ivory (69) | Locking Ties/Bundle | PLT | B1.14 |
| | Marker Ties/Identify | PLF, PLM | B1.32 |
| Weather Resistant Nylon 12, Black (120) | Locking Ties/Bundle | PLT | B1.15 |
| Polypropylene, Green (109) | Locking Ties/Bundle | PLT | B1.15 |
| Weather Resistant Polypropylene, Black (100) | Locking Ties/Bundle | PLT | B1.16 |
| | Releasable Ties/Re-usable | PRT | B1.23 |
| HALAR▲, Maroon (702Y) TEFZEL■, Aqua Blue (76) | Locking Ties/Bundle | PLT | B1.16, 17 |
| PEEK, Translucent Brown (71) | Locking Ties/Bundle | PLT | B1.18 |
| Metal Detectable, Blue (86, 186) | Locking Ties/Bundle | PLT | B1.19 |

■ TEFZEL is a registered trademark of E.I. du Pont de Nemours and Company

▲ HALAR is a registered trademark of Solvay Solexis

## Part Number System for Pan-Ty® Cable Ties

**PLT** **2** **S** – **C**

**Type**

PLT = Locking Tie
PRT = Releasable Tie
PLC = Locking Clamp
PLF = Locking Flag
PLM = Locking Marker
PLP = Locking Push Mount
PLWP = Locking Wing Push Mount
PRLWP = Releasable Ladder Wing Push Mount
PRWP = Releasable Wing Push Mount
PLUP = Locking Umbrella Push Mount

**Size**

Approx. Maximum Bundle Dia. (In.)

**Cross Section**

SM = Subminiature
M = Miniature
I = Intermediate
S = Standard
LH = Light-Heavy
H = Heavy
EH = Extra-Heavy

**Screw Hole Size**

(Clamp Ties Only)
-S4 = #4 (M2.5)
-S6 = #6 (M3)
-S8 = #8 (M4)
-S10 = #10 (M5)
-S25 = 1/4 (M6)

**Package Size**

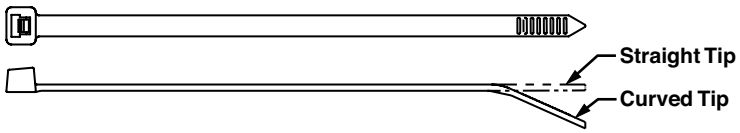
Q = 25
L = 50
C = 100
TL = 250
D = 500
M = 1000
VMR = 2 reels/2500 ea.
XMR = 2 reels/5000 ea.

**Material/Color**

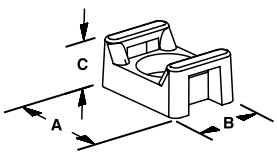
See Page B1.33

## Pan-Ty® Cable Ties – Metal Detectable Nylon 6.6 and Polypropylene

- Metal impregnated material allows identification by metal detectors or x-ray inspection equipment to help meet food, beverage, and pharmaceutical safety standards, to help reduce product contamination, loss, and recall
- Nylon material for general purpose maintenance and repair applications; ideal for use in control panels and overhead cable runs
- Polypropylene material provides excellent chemical resistance for use in processing and packaging areas where aggressive acid and alkaline chemicals are use to clean the equipment
- One-piece construction for consistent performance and reliability
- Among the lowest threading force of any one-piece cable tie in the industry
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation




| Part Number | Length In. | Length mm | Width In. | Width mm | Thickness In. | Thickness mm | Max. Bundle Dia. In. | Max. Bundle Dia. mm | Min. Loop Tensile Str. Lbs. | Min. Loop Tensile Str. N | Recommended Installation Tool | Material | Std. Pkg. Qty. | Std. Ctn. Qty. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Nylon 6.6** | | | | | | | | | | | | | | |
| **Miniature Cross Section** | | | | | | | | | | | | | | |
| **PLT1M-C86** | 3.9 | 100 | 0.098 | 2.5 | 0.044 | 1.1 | .87 | 22 | 18 | 80 | GTS-E, GS2B, STS2 | Nylon 6.6 | 100 | 1000 |
| **Intermediate Cross Section** | | | | | | | | | | | | | | |
| **PLT2I-C86** | 8.0 | 203 | 0.135 | 3.4 | 0.047 | 1.2 | 2.00 | 51 | 40 | 178 | GTS-E, GS2B, STS2 | Nylon 6.6 | 100 | 1000 |
| **Standard Cross Section** | | | | | | | | | | | | | | |
| **PLT2S-C86** | 7.3 | 186 | 0.190 | 4.8 | 0.057 | 1.4 | 1.85 | 47 | 50 | 222 | GTS-E, GS2B, GTH-E, GS4H, STS2, STH2 | Nylon 6.6 | 100 | 1000 |
| **PLT3S-C86** | 11.5 | 291 | 0.190 | 4.8 | 0.057 | 1.4 | 3.00 | 76 | 50 | 222 | | Nylon 6.6 | 100 | 1000 |
| **PLT4S-C86** | 14.4 | 366 | 0.190 | 4.8 | 0.057 | 1.4 | 4.00 | 102 | 50 | 222 | | Nylon 6.6 | 100 | 1000 |
| **Light-Heavy Cross Section (Straight Tip)** | | | | | | | | | | | | | | |
| **PLT3H-L86** | 11.1 | 282 | 0.300 | 7.6 | 0.075 | 1.9 | 3.00 | 76 | 120 | 534 | GTH-E, GS4H, GS4EH, STH2, ST3EH | Nylon 6.6 | 50 | 500 |
| **PLT4H-L86** | 14.4 | 366 | 0.300 | 7.6 | 0.075 | 1.9 | 4.00 | 102 | 120 | 534 | | Nylon 6.6 | 50 | 500 |
| **Polypropylene** | | | | | | | | | | | | | | |
| **Miniature Cross Section** | | | | | | | | | | | | | | |
| **PLT1M-C186** | 3.9 | 100 | 0.098 | 2.5 | 0.044 | 1.1 | 0.87 | 22 | 15 | 67 | GTS-E, GS2B, STS2 | Polypropylene | 100 | 1000 |
| **Intermediate Cross Section** | | | | | | | | | | | | | | |
| **PLT2I-C186** | 8.0 | 203 | 0.135 | 3.4 | 0.047 | 1.2 | 2.00 | 51 | 24 | 107 | GTS-E, GS2B, STS2 | Polypropylene | 100 | 1000 |
| **Standard Cross Section** | | | | | | | | | | | | | | |
| **PLT2S-C186** | 7.3 | 186 | 0.190 | 4.8 | 0.057 | 1.4 | 1.85 | 47 | 30 | 133 | GTS-E, GS2B, GTH-E, GS4H, STS2, STH2 | Polypropylene | 100 | 1000 |
| **PLT3S-C186** | 11.5 | 291 | 0.190 | 4.8 | 0.057 | 1.4 | 3.00 | 76 | 30 | 133 | | Polypropylene | 100 | 1000 |
| **PLT4S-C186** | 14.4 | 366 | 0.190 | 4.8 | 0.057 | 1.4 | 4.00 | 102 | 30 | 133 | | Polypropylene | 100 | 1000 |
| **Light-Heavy Cross Section (Straight Tip)** | | | | | | | | | | | | | | |
| **PLT3H-L186** | 11.1 | 282 | 0.300 | 7.6 | 0.075 | 1.9 | 3.00 | 76 | 60 | 267 | GTH-E, GS4H, GS4EH, STH2, ST3EH | Polypropylene | 50 | 500 |
| **PLT4H-L186** | 14.4 | 366 | 0.300 | 7.6 | 0.075 | 1.9 | 4.00 | 102 | 60 | 267 | | Polypropylene | 50 | 500 |




| Part Number | Material | Used with Cable Ties* | A Lgth. In. mm | B Width In. mm | C Ht. In. mm | Counterbore Diameter In. (mm) | Mounting Method | Std. Pkg. Qty. | Std. Ctn. Qty. |
|---|---|---|---|---|---|---|---|---|---|
| **Cable Tie Mounts** | | | | | | | | | |
| **TM2S8-C86** | Nylon 6.6 | Min., Int., Std. | 0.630 (16.0) | 0.422 (10.7) | 0.275 (7.0) | 0.325 (8.3) | #8 (M4) screw | 100 | 500 |
| **TM3S8-C86** | | Std., Lt. Hvy. | 0.867 (22.0) | 0.614 (15.6) | 0.373 (9.5) | 0.325 (8.3) | #8 (M4) screw | 100 | 500 |
| **TM3S10-C86** | | | | | | | #10 (M5) screw | 100 | 500 |
| **TM2S8-C186** | Polypropylene | Min., Int., Std. | 0.630 (16.0) | 0.422 (10.7) | 0.275 (7.0) | 0.325 (8.3) | #8 (M4) screw | 100 | 500 |
| **TM3S8-C186** | | Std., Lt. Hvy. | 0.867 (22.0) | 0.614 (15.6) | 0.373 (9.5) | 0.325 (8.3) | #8 (M4) screw | 100 | 500 |
| **TM3S10-C186** | | | | | | | #10 (M5) screw | 100 | 500 |