

# PANDUIT® ELECTRICAL SOLUTIONS

A. System Overview

## c Pan-Ty® Cable Ties – Nylon 6.6

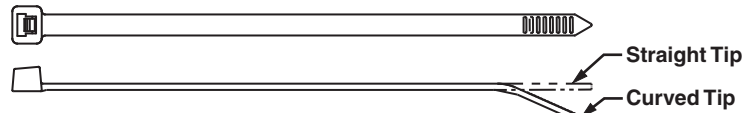
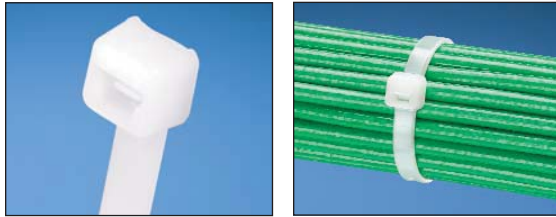
B1. Cable Ties

- For indoor use
- Versatile cable ties can be used in countless applications
- One-piece construction for consistent performance and reliability
- 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
- A variety of materials and colors available for specific applications
- UL Listed for use in plenum or air handling spaces per NEC except PLT.6SM and PLT5H/6H/8H/13H

B2. Cable Accessories

B3. Stainless Steel Ties



C1. Wiring Duct

C2. Surface Raceway

| Part Number | Length |    | Width |    | Thickness |    | Max. Bundle Dia. |    | Min. Loop Tensile Str. |   | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------|--------|----|-------|----|-----------|----|------------------|----|------------------------|---|-------------------------------|----------------|----------------|
|             | In.    | mm | In.   | mm | In.       | mm | In.              | mm | Lbs.                   | N |                               |                |                |

### Subminiature Cross Section

|                  |     |    |      |     |      |    |     |    |   |    |                |     |      |
|------------------|-----|----|------|-----|------|----|-----|----|---|----|----------------|-----|------|
| <b>PLT.6SM-C</b> | 2.8 | 71 | .070 | 1.8 | .030 | .8 | .60 | 15 | 8 | 36 | GTS, GTSL, PTS | 100 | 1000 |
|------------------|-----|----|------|-----|------|----|-----|----|---|----|----------------|-----|------|

### Miniature Cross Section – Plenum-Rated

|                  |     |     |      |     |      |     |      |    |    |    |                                  |     |      |
|------------------|-----|-----|------|-----|------|-----|------|----|----|----|----------------------------------|-----|------|
| <b>PLT.7M-C</b>  | 3.1 | 79  | .090 | 2.3 | .032 | .8  | .68  | 17 | 18 | 80 | GTS, GTSL, GS2B, PTS, PPTS, STS2 | 100 | 1000 |
| <b>PLT1M-C</b>   | 3.9 | 99  | .098 | 2.5 | .043 | 1.1 | .87  | 22 | 18 | 80 |                                  | 100 | 1000 |
| <b>PLT1.5M-C</b> | 5.6 | 142 | .098 | 2.5 | .043 | 1.1 | 1.25 | 32 | 18 | 80 |                                  | 100 | 1000 |
| <b>PLT2M-C</b>   | 8.0 | 203 | .098 | 2.5 | .043 | 1.1 | 2.00 | 51 | 18 | 80 |                                  | 100 | 1000 |

### Intermediate Cross Section – Plenum-Rated

|                  |      |     |      |     |      |     |      |     |    |     |                                  |     |      |
|------------------|------|-----|------|-----|------|-----|------|-----|----|-----|----------------------------------|-----|------|
| <b>PLT1.5I-C</b> | 5.6  | 142 | .142 | 3.6 | .045 | 1.1 | 1.38 | 35  | 40 | 178 | GTS, GTSL, GS2B, PTS, PPTS, STS2 | 100 | 1000 |
| <b>PLT2I-C</b>   | 8.0  | 203 | .142 | 3.6 | .045 | 1.1 | 2.00 | 51  | 40 | 178 |                                  | 100 | 1000 |
| <b>PLT2.5I-C</b> | 9.7  | 246 | .145 | 3.7 | .052 | 1.3 | 2.50 | 64  | 40 | 178 |                                  | 100 | 1000 |
| <b>PLT3I-C</b>   | 11.4 | 290 | .145 | 3.7 | .052 | 1.3 | 3.00 | 76  | 40 | 178 |                                  | 100 | 1000 |
| <b>PLT4I-C</b>   | 14.5 | 368 | .145 | 3.7 | .052 | 1.3 | 4.00 | 102 | 40 | 178 |                                  | 100 | 1000 |

### Standard Cross Section – Plenum-Rated

|                  |      |     |      |     |      |     |      |     |    |     |  |     |      |
|------------------|------|-----|------|-----|------|-----|------|-----|----|-----|--|-----|------|
| <b>PLT1S-C</b>   | 4.8  | 122 | .190 | 4.8 | .052 | 1.3 | 1.00 | 25  | 50 | 222 | GTS, GTSL, GS2B, GTH, GS4H, PTS, PPTS, PTH, STS2, STH2 | 100 | 1000 |
| <b>PLT1.5S-C</b> | 6.2  | 157 | .190 | 4.8 | .052 | 1.3 | 1.50 | 38  | 50 | 222 |  | 100 | 1000 |
| <b>PLT2S-C</b>   | 7.4  | 188 | .190 | 4.8 | .052 | 1.3 | 1.88 | 48  | 50 | 222 |  | 100 | 1000 |
| <b>PLT2.5S-C</b> | 9.8  | 249 | .190 | 4.8 | .052 | 1.3 | 2.50 | 64  | 50 | 222 |  | 100 | 1000 |
| <b>PLT3S-C</b>   | 11.5 | 292 | .190 | 4.8 | .052 | 1.3 | 3.00 | 76  | 50 | 222 |  | 100 | 1000 |
| <b>PLT4S-C</b>   | 14.5 | 368 | .190 | 4.8 | .052 | 1.3 | 4.00 | 102 | 50 | 222 |  | 100 | 1000 |
| <b>PLT4.5S-C</b> | 15.5 | 394 | .190 | 4.8 | .052 | 1.3 | 4.50 | 114 | 50 | 222 |  | 100 | 1000 |
| <b>PLT5S-C</b>   | 17.5 | 445 | .190 | 4.8 | .052 | 1.3 | 5.00 | 127 | 50 | 222 |  | 100 | 500  |

### Light-Heavy Cross Section (Straight Tip) – Plenum-Rated

|                   |      |     |      |     |      |     |       |     |     |     |                                    |    |      |
|-------------------|------|-----|------|-----|------|-----|-------|-----|-----|-----|------------------------------------|----|------|
| <b>PLT2H-L</b>    | 8.1  | 206 | .300 | 7.6 | .075 | 1.9 | 2.00  | 51  | 120 | 534 | GTH, GS4H, GS4EH, PTH, STH2, ST3EH | 50 | 500  |
| <b>PLT2.5H-L</b>  | 9.8  | 251 | .300 | 7.6 | .075 | 1.9 | 2.50  | 64  | 120 | 534 |                                    | 50 | 500  |
| <b>PLT3H-L</b>    | 11.4 | 290 | .300 | 7.6 | .075 | 1.9 | 3.00  | 76  | 120 | 534 |                                    | 50 | 500  |
| <b>PLT4H-L</b>    | 14.5 | 368 | .300 | 7.6 | .075 | 1.9 | 4.00  | 102 | 120 | 534 |                                    | 50 | 500  |
| <b>PLT6LH-L</b>   | 21.9 | 556 | .300 | 7.6 | .075 | 1.9 | 6.00  | 152 | 120 | 534 |                                    | 50 | 500  |
| <b>PLT7LH-L</b>   | 24.7 | 627 | .300 | 7.6 | .075 | 1.9 | 7.00  | 178 | 120 | 534 |                                    | 50 | 500  |
| <b>PLT8LH-L</b>   | 27.6 | 701 | .300 | 7.6 | .075 | 1.9 | 8.00  | 203 | 120 | 534 |                                    | 50 | 500  |
| <b>PLT9LH-L*</b>  | 30.5 | 775 | .300 | 7.6 | .075 | 1.9 | 9.00  | 229 | 120 | 534 |                                    | 50 | 500  |
| <b>PLT10LH-L*</b> | 34.3 | 871 | .300 | 7.6 | .075 | 1.9 | 10.31 | 262 | 120 | 534 |                                    | 50 | 1000 |

### Heavy Cross Section (Straight Tip)

|                  |      |      |      |     |      |     |       |     |     |     |                                    |    |     |
|------------------|------|------|------|-----|------|-----|-------|-----|-----|-----|------------------------------------|----|-----|
| <b>PLT5H-L*</b>  | 17.7 | 450  | .350 | 8.9 | .078 | 2.0 | 5.00  | 127 | 175 | 778 | GTH, GS4H, GS4EH, PTH, STH2, ST3EH | 50 | 500 |
| <b>PLT6H-L*</b>  | 20.9 | 530  | .350 | 8.9 | .078 | 2.0 | 6.00  | 152 | 175 | 778 |                                    | 50 | 500 |
| <b>PLT8H-L*</b>  | 30.6 | 779  | .350 | 8.9 | .078 | 2.0 | 9.00  | 229 | 175 | 778 |                                    | 50 | 500 |
| <b>PLT13H-Q*</b> | 43.3 | 1100 | .350 | 8.9 | .078 | 2.0 | 13.00 | 330 | 175 | 778 |                                    | 25 | 500 |

\*UL Listed – meets the requirements of UL 181B-C, for securing UL Listed non-metallic air ducts and air connectors.

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index