

UL LISTED CE SF Pan-Ty® Cable Ties – Nylon 6.6

- 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, PLT5EH/6EH



EH Series

| 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 | | | |
| Miniature Cross Section – Plenum-Rated | | | | | | | | | | | | | |
| PLT1M-C | 3.9 | 99 | 0.098 | 2.5 | 0.043 | 1.1 | 0.87 | 22 | 18 | 80 | GTS, GTSL, GS2B, PTS, PPTS, STS2 | 100 | 1000 |
| PLT1.5M-C | 5.6 | 142 | .098 | 2.5 | 0.043 | 1.1 | 2.5 | 32 | 18 | 80 | | 100 | 1000 |
| PLT2M-C | 8.0 | 203 | .098 | 2.03 | 0.043 | 1.1 | 2.00 | 51 | 18 | 80 | | 100 | 1000 |
| Intermediate Cross Section – Plenum-Rated | | | | | | | | | | | | | |
| PLT1.5I-C | 5.6 | 142 | .142 | 3.6 | 0.045 | 1.1 | 1.38 | 35 | 40 | 178 | GTS, GTSL, GS2B, PTS, PPTS, STS2 | 100 | 1000 |
| PLT2I-C | 8.0 | 203 | .142 | 3.6 | 0.045 | 1.1 | 2.00 | 51 | 40 | 178 | | 100 | 1000 |
| PLT2.5I-C | 9.7 | 246 | .145 | 3.7 | 0.052 | 1.3 | 2.50 | 64 | 40 | 178 | | 100 | 1000 |
| PLT3I-C | 11.4 | 290 | .145 | 3.7 | 0.052 | 1.3 | 3.00 | 76 | 40 | 178 | | 100 | 1000 |
| PLT4I-C | 14.5 | 368 | .145 | 3.7 | 0.052 | 1.3 | 4.00 | 102 | 40 | 178 | | 100 | 1000 |
| Standard Cross Section – Plenum-Rated | | | | | | | | | | | | | |
| PLT1S-C | 4.8 | 122 | .190 | 4.8 | 0.052 | 1.3 | 1.00 | 25 | 50 | 222 | GTS, GTSL, GS2B, GTH, GS4H, PTS, PPTS, PTH, STS2, STH2 | 100 | 1000 |
| PLT1.5S-C | 6.2 | 157 | .190 | 4.8 | 0.052 | 1.3 | 1.50 | 38 | 50 | 222 | | 100 | 1000 |
| PLT2S-C | 7.4 | 188 | .190 | 4.8 | 0.052 | 1.3 | 1.88 | 48 | 50 | 222 | | 100 | 1000 |
| PLT2.5S-C | 9.8 | 249 | .190 | 4.8 | 0.052 | 1.3 | 2.50 | 64 | 50 | 222 | | 100 | 1000 |
| PLT3S-C | 11.5 | 292 | .190 | 4.8 | 0.052 | 1.3 | 3.00 | 76 | 50 | 222 | | 100 | 1000 |
| PLT4S-C | 14.5 | 368 | .190 | 4.8 | 0.052 | 1.3 | 4.00 | 102 | 50 | 222 | | 100 | 1000 |
| PLT4.5S-C | 15.5 | 394 | .190 | 4.8 | 0.052 | 1.3 | 4.50 | 114 | 50 | 222 | | 100 | 1000 |
| PLT5S-C | 17.5 | 445 | .190 | 4.8 | 0.052 | 1.3 | 5.00 | 127 | 50 | 222 | | 100 | 500 |
| Light-Heavy Cross Section (Straight Tip) – Plenum-Rated | | | | | | | | | | | | | |
| PLT2H-L | 8.1 | 206 | .300 | 7.6 | 0.075 | 1.9 | 2.00 | 51 | 120 | 534 | GTH, GS4H, GS4EH, PTH, STH2, ST3EH | 50 | 500 |
| PLT2.5H-L | 9.8 | 251 | .300 | 7.6 | 0.075 | 1.9 | 2.50 | 64 | 120 | 534 | | 50 | 500 |
| PLT3H-L | 11.4 | 290 | .300 | 7.6 | 0.075 | 1.9 | 3.00 | 76 | 120 | 534 | | 50 | 500 |
| PLT4H-L | 14.5 | 368 | .300 | 7.6 | 0.075 | 1.9 | 4.00 | 102 | 120 | 534 | | 50 | 500 |
| PLT6LH-L | 21.9 | 556 | .300 | 7.6 | 0.075 | 1.9 | 6.00 | 152 | 120 | 534 | | 50 | 500 |
| PLT7LH-L | 24.7 | 627 | .300 | 7.6 | 0.075 | 1.9 | 7.00 | 178 | 120 | 534 | | 50 | 500 |
| PLT8LH-L | 27.6 | 701 | .300 | 7.6 | 0.075 | 1.9 | 8.00 | 203 | 120 | 534 | | 50 | 500 |
| PLT9LH-L* | 30.5 | 775 | .300 | 7.6 | 0.075 | 1.9 | 9.00 | 229 | 120 | 534 | | 50 | 500 |
| PLT10LH-L* | 34.3 | 871 | .300 | 7.6 | 0.075 | 1.9 | 10.31 | 262 | 120 | 534 | | 50 | 1000 |
| Heavy Cross Section (Straight Tip) | | | | | | | | | | | | | |
| PLT5H-L* | 17.7 | 450 | .350 | 4.50 | 0.078 | 2.0 | 5.00 | 127 | 175 | 778 | GTH, GS4H, GS4EH, PTH, STH2, ST3EH | 50 | 500 |
| PLT6H-L* | 20.9 | 530 | .350 | 8.9 | 0.078 | 2.0 | 6.00 | 152 | 175 | 778 | | 50 | 500 |
| PLT8H-L* | 30.6 | 779 | .350 | 8.9 | 0.078 | 2.0 | 9.00 | 229 | 175 | 778 | | 50 | 500 |
| PLT13H-Q* | 43.3 | 1100 | .350 | 8.9 | 0.078 | 2.0 | 13.00 | 330 | 175 | 778 | | 25 | 500 |
| Extra-Heavy Cross Section (Straight Tip) | | | | | | | | | | | | | |
| PLT5EH-Q | 20.1 | 511 | 0.500 | 12.7 | 0.075 | 1.9 | 5.00 | 127 | 250 | 1112 | GS4EH, ST3EH | 25 | 250 |
| PLT6EH-Q | 22.2 | 564 | 0.500 | 12.7 | 0.075 | 1.9 | 6.00 | 152 | 250 | 1112 | | 25 | 250 |

*UL Listed – meets the requirements of UL 181B-C, for use with UL non-metallic air ducts and air connectors. UL Recognized except PLT5EH/6EH.

A. System Overview



Pan-Ty® Cable Ties – Weather Resistant Nylon 6.6

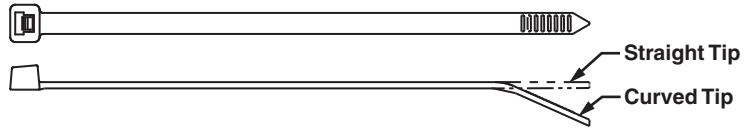
B1. Cable Ties

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor 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

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

| | | | | | | | | | | | | | |
|-------------------|-----|----|------|-----|------|----|-----|----|---|----|----------------|-----|------|
| PLT.6SM-C0 | 2.8 | 71 | .070 | 1.8 | .030 | .8 | .60 | 15 | 8 | 36 | GTS, GTSL, PTS | 100 | 1000 |
|-------------------|-----|----|------|-----|------|----|-----|----|---|----|----------------|-----|------|

Miniature Cross Section

| | | | | | | | | | | | | | |
|-------------------|-----|-----|------|-----|------|-----|------|----|----|----|----------------------------------|------|-------|
| PLT.7M-M0 | 3.1 | 79 | .090 | 2.3 | .032 | .8 | .68 | 17 | 18 | 80 | GTS, GTSL, GS2B, PTS, PPTS, STS2 | 1000 | 50000 |
| PLT1M-C0 | 3.9 | 99 | .098 | 2.5 | .043 | 1.1 | .87 | 22 | 18 | 80 | | 100 | 1000 |
| PLT1.5M-C0 | 5.6 | 142 | .098 | 2.5 | .043 | 1.1 | 1.25 | 32 | 18 | 80 | | 100 | 1000 |
| PLT2M-C0 | 8.0 | 203 | .098 | 2.5 | .043 | 1.1 | 2.00 | 51 | 18 | 80 | | 100 | 1000 |

Intermediate Cross Section

| | | | | | | | | | | | | | |
|-------------------|------|-----|------|-----|------|-----|------|-----|----|-----|----------------------------------|-----|------|
| PLT1.5I-C0 | 5.6 | 142 | .142 | 3.6 | .045 | 1.1 | 1.38 | 35 | 40 | 178 | GTS, GTSL, GS2B, PTS, PPTS, STS2 | 100 | 1000 |
| PLT2I-C0 | 8.0 | 203 | .142 | 3.6 | .045 | 1.1 | 2.00 | 51 | 40 | 178 | | 100 | 1000 |
| PLT2.5I-C0 | 9.7 | 246 | .145 | 3.7 | .052 | 1.3 | 2.50 | 64 | 40 | 178 | | 100 | 1000 |
| PLT3I-C0 | 11.4 | 290 | .145 | 3.7 | .052 | 1.3 | 3.00 | 76 | 40 | 178 | | 100 | 1000 |
| PLT4I-C0 | 14.5 | 368 | .145 | 3.7 | .052 | 1.3 | 4.00 | 102 | 40 | 178 | | 100 | 1000 |

Standard Cross Section

| | | | | | | | | | | | | | |
|-------------------|------|-----|------|-----|------|-----|------|-----|----|-----|--|-----|------|
| PLT1S-C0 | 4.8 | 122 | .190 | 4.8 | .052 | 1.3 | 1.00 | 25 | 50 | 222 | GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2 | 100 | 1000 |
| PLT1.5S-C0 | 6.2 | 157 | .190 | 4.8 | .052 | 1.3 | 1.50 | 38 | 50 | 222 | | 100 | 1000 |
| PLT2S-C0 | 7.4 | 188 | .190 | 4.8 | .052 | 1.3 | 1.88 | 48 | 50 | 222 | | 100 | 1000 |
| PLT2.5S-C0 | 9.8 | 249 | .190 | 4.8 | .052 | 1.3 | 2.50 | 64 | 50 | 222 | | 100 | 1000 |
| PLT3S-C0 | 11.5 | 292 | .190 | 4.8 | .052 | 1.3 | 3.00 | 76 | 50 | 222 | | 100 | 1000 |
| PLT4S-C0 | 14.5 | 368 | .190 | 4.8 | .052 | 1.3 | 4.00 | 102 | 50 | 222 | | 100 | 1000 |
| PLT4.5S-C0 | 15.5 | 394 | .190 | 4.8 | .052 | 1.3 | 4.50 | 114 | 50 | 222 | | 100 | 1000 |
| PLT5S-C0 | 17.5 | 445 | .190 | 4.8 | .052 | 1.3 | 5.00 | 127 | 50 | 222 | | 100 | 500 |

Light-Heavy Cross Section (Straight Tip)

| | | | | | | | | | | | | | |
|-------------------|------|-----|------|-----|------|-----|------|-----|-----|-----|------------------------------------|----|-----|
| PLT2H-L0 | 8.1 | 206 | .300 | 7.6 | .075 | 1.9 | 2.00 | 51 | 120 | 534 | GTH, GS4H, GS4EH, PTH, STH2, ST3EH | 50 | 500 |
| PLT2.5H-L0 | 9.8 | 251 | .300 | 7.6 | .075 | 1.9 | 2.50 | 64 | 120 | 534 | | 50 | 500 |
| PLT3H-L0 | 11.4 | 290 | .300 | 7.6 | .075 | 1.9 | 3.00 | 76 | 120 | 534 | | 50 | 500 |
| PLT4H-L0 | 14.5 | 368 | .300 | 7.6 | .075 | 1.9 | 4.00 | 102 | 120 | 534 | | 50 | 500 |
| PLT6LH-L0 | 21.9 | 556 | .300 | 7.6 | .075 | 1.9 | 6.00 | 152 | 120 | 534 | | 50 | 500 |
| PLT7LH-L0 | 24.7 | 627 | .300 | 7.6 | .075 | 1.9 | 7.00 | 178 | 120 | 534 | | 50 | 500 |
| PLT8LH-L0 | 27.6 | 701 | .300 | 7.6 | .075 | 1.9 | 8.00 | 203 | 120 | 534 | | 50 | 500 |
| PLT9LH-L0 | 30.5 | 775 | .300 | 7.6 | .075 | 1.9 | 9.00 | 229 | 120 | 534 | | 50 | 500 |

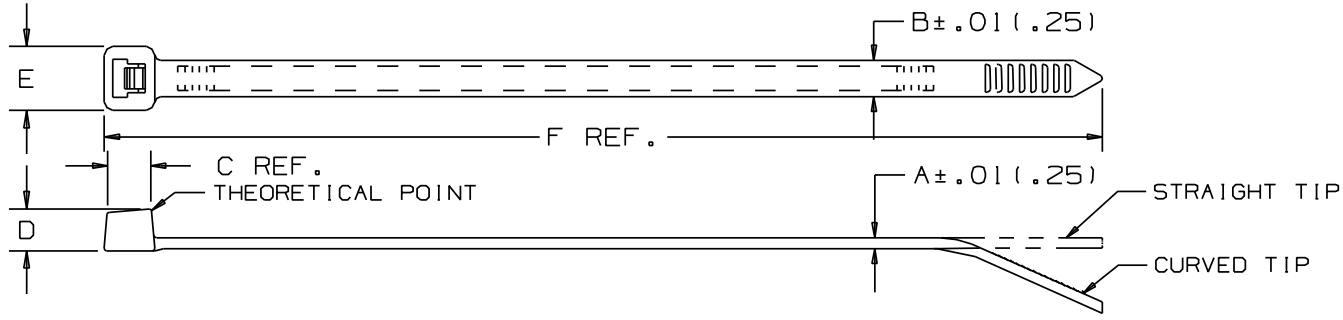
Heavy Cross Section (Straight Tip)

| | | | | | | | | | | | | | |
|------------------|------|------|------|-----|------|-----|-------|-----|-----|-----|------------------------------------|----|-----|
| PLT5H-L0 | 17.7 | 450 | .350 | 8.9 | .078 | 2.0 | 5.00 | 127 | 175 | 778 | GTH, GS4H, GS4EH, PTH, STH2, ST3EH | 50 | 500 |
| PLT6H-L0 | 20.9 | 530 | .350 | 8.9 | .078 | 2.0 | 6.00 | 152 | 175 | 778 | | 50 | 500 |
| PLT8H-L0 | 30.6 | 779 | .350 | 8.9 | .078 | 2.0 | 9.00 | 229 | 175 | 778 | | 50 | 500 |
| PLT13H-Q0 | 43.3 | 1100 | .350 | 8.9 | .078 | 2.0 | 13.00 | 330 | 175 | 778 | | 25 | 500 |

Note: UL Listed and UL Recognized except PLT.6SM and PLT2H/2.5H/3H/4H/5H/6H/8H/13H; CSA Certified except LH and H cross sections.

F. Index

PLT.6SM
PLT.7M
HEAD VIEW



| PANDUIT PART NO. * | BUNDLE DIA. | | A in (mm) | B in (mm) | C in (mm) | D in (mm) | E in (mm) | F in (mm) | MIN. LOOP TENSILE lbs. (N) | CROSS SECTION | TIP STYLE | WEIGHT lbs./100 pcs. (g) |
|-----------------------|-----------------|-----------------|---------------|---------------|---------------|---------------|---------------|--------------|-------------------------------------|------------------|--------------|--------------------------------|
| | MIN. in (mm) | MAX. in (mm) | | | | | | | | | | |
| PLT.6SM | .01 (.3) | .6 (15) | .030 (.76) | .070 (1.8) | .124 (3.1) | .095 (2.4) | .125 (3.2) | 2.8 (71) | 8 (36) | SUB-MINIATURE | CURVED | .02 (9.0) |
| PLT.7M | .03 (.8) | .68 (17) | .032 (.8) | .090 (2.3) | .148 (3.8) | .115 (2.9) | .180 (4.6) | 3.1 (79) | 18 (80) | MINIATURE | CURVED | .04 (16) |
| PLT1M | .06 (1.5) | .87 (22) | .043 (1.1) | .098 (2.5) | .169 (4.3) | .154 (3.9) | .180 (4.6) | 3.9 (99) | 18 (80) | MINIATURE | CURVED | .07 (32) |
| PLT1.5M | .06 (1.5) | 1.25 (32) | .043 (1.1) | .098 (2.5) | .169 (4.3) | .154 (3.9) | .180 (4.6) | 5.6 (142) | 18 (80) | MINIATURE | CURVED | .10 (45) |
| PLT2M | .06 (1.5) | 2.00 (51) | .043 (1.1) | .098 (2.5) | .169 (4.3) | .154 (3.9) | .180 (4.6) | 8.0 (203) | 18 (80) | MINIATURE | CURVED | .13 (59) |
| PLT1.5I | .06 (1.5) | 1.38 (35) | .045 (1.1) | .142 (3.6) | .206 (5.2) | .180 (4.6) | .240 (6.1) | 5.6 (142) | 40 (178) | INTERMEDIATE | CURVED | .14 (64) |
| PLT2I | .06 (1.5) | 2.00 (51) | .045 (1.1) | .142 (3.6) | .206 (5.2) | .180 (4.6) | .240 (6.1) | 8.0 (203) | 40 (178) | INTERMEDIATE | CURVED | .20 (91) |
| PLT2.5I | .06 (1.5) | 2.50 (64) | .052 (1.3) | .145 (3.7) | .220 (5.6) | .180 (4.6) | .260 (6.6) | 9.7 (246) | 40 (178) | INTERMEDIATE | CURVED | .27 (122) |

NOTES:

- 1) RECOGNIZED UNDER THE COMPONENT PROGRAM OF UNDERWRITERS LABORATORIES INC.
- *2) SEE www.panduit.com FOR PART NUMBER SUFFIX DESIGNATION FOR PACKAGE SIZE & PART COLOR.

DIMENSIONS IN PARENTHESES ARE IN METRIC UNITS

| | | | | | | | | | | | | | | | |
|-----|---------|-----|-----|------|-----------------------|---|-----------------|------------------|------------|---------------|---|-----------|--|--|--|
| | | | | | | TITLE PAN-TY CABLE TIE - PLT SERIES | | | | | | | | | |
| | | | | | | CUSTOMER DRAWING | | | | | PANDUIT | | | | |
| | | | | | | ITEM REVISION NAME W10001CA/33 | | | | | | | | | |
| | | | | | | DATASET FILE NAME W10001CA/33-SS-5540 SH1 | | | | | MATERIAL: NYLON 6.6 | | | | |
| | | | | | | UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN (mm) .x : - - - .xxx : .020 (.51) .xx : .02 (.5) ANGLES : - - - | | | | | | | | | |
| | | | | | | THIRD ANGLE PROJECTION | | | | | DRAWING NUMBER: SS-5540 SHEET 1 | | | | |
| 33 | B/13/13 | BWG | KJM | RTF1 | UPDATED TITLE BORDER. | SS-5540/33 | | | | | | | | | |
| REV | DATE | BY | CHK | APR | DESCRIPTION | ECN | DRAWN BY CEW | DATE 12-27-84 | CHK HVP | SCALE NONE | SHT 1 OF 1 | SIZE A | | | |

D101000A/16