



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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*HALAR is a registered trademark of Solvay Solexis, Inc.
 **TEFZEL is a registered trademark of E.I. DuPont de Nemours Co.
 All reference dimensions in this catalog are shown in inches (and millimeters).

World Leader in Cable Ties and Wiring Accessories

PANDUIT® is a leading global producer of cable ties and wiring accessories, offering the most complete selection of sizes, styles and materials. We continually provide new cable tie and wiring accessory designs to meet the changing application challenges encountered by our customers while providing lowest installed costs.

PANDUIT® also offers the largest selection of ergonomic cable tie installation tools — from high speed automatic systems to hand operated tools. So, whatever the need, PANDUIT® has the tool to help lower your total installed cost.



Assured Quality

To help assure optimum quality, PANDUIT® products are designed and manufactured to meet applicable international, UL, military and customer standards:

ISO 9001



The International Standards Organization (ISO) establishes worldwide standards for products and services in recognition of increasing globalization of markets. The ISO program sets up the requirements for quality assurance systems of these worldwide standards. PANDUIT® is registered to ISO 9001, the most comprehensive model in the standard, meant for companies who design, manufacture, install and service the products they sell. Registration has been awarded by Underwriters Laboratories (Certificate No. A2269) after extensive audit of QA systems employed at PANDUIT®.

QS-9000

QS-9000 is the shorthand name for "Quality System Requirements QS-9000." It is the common supplier quality standard for the automotive industry. QS-9000 is based on the 1994 edition of ISO 9001, but it contains additional requirements that are particular to the automotive industry. These additions are considered automotive "interpretations" by the ISO community of accreditation bodies and registrars. Registration has been awarded by Underwriters Laboratories Inc. (Certificate No. A2269) for PANDUIT® cable ties.

ISO14001



ISO14001 is a voluntary standard for Environmental Management Systems established by the International Organization for Standardization. The international standard provides a benchmark for continual improvement in environmental performance. Business partners can be confident that the PANDUIT® manufacturing facilities around the globe are engaged in an on-going process to maximize value while minimizing impact on global natural resources.

Underwriters Laboratories, Inc. (File E56854)



Most PANDUIT® miniature, intermediate, standard, light-heavy and heavy cross-section ties are Recognized (ZODZ(8)) or Listed in the US and Canada by Underwriters Laboratories (ZODZ(7)) in their Directory under the category "Wire Positioning Devices." Natural, pigmented and weather resistant cable ties are recognized for indoor use at temperatures up to 85°C (185°F). Weather resistant cable ties are also UL Listed for outdoor applications. Heat stabilized ties are UL Recognized and Listed for indoor use at temperatures up to 115°C (239°F).

Aerospace Standard AS23190



Aerospace Standard SAE spec AS23190 covers the actual test requirements on cable ties. PANDUIT® cable ties, when tested, either meet or exceed the requirements of this specification.

Nuclear Regulatory Commission

The NRC developed rules and regulations concerning Quality Assurance Criteria for Nuclear Power Plants or Title 10, Chapter 10, Part 50, Appendix B (10CFR50). PANDUIT® Corp. Quality Assurance program is designed to satisfy the 18 criteria set forth in NRC 10CFR50, Appendix B, Military Specification AS23190.

Ford Motor Company



PANDUIT® has received Q1 certification status from Ford Motor Company. Q1 certification enables all PANDUIT® cable tie manufacturing facilities to approve all initial samples and production shipments of the parts destined for Ford operations throughout the world.

International Approvals Independent Testing Facilities



German (VG) Military



Lloyd's Register of Shipping



RINA



Germanischer Lloyd



Nippon Kaiji Kyokai



Det Norske Veritas



Bureau Veritas



Korean Register of Shipping



Selection Guide

PAN-TY® Cable Ties



This line offers the largest selection of styles, materials, and sizes. The ties are available in nylon 6.6, nylon 12, polypropylene, HALAR* and TEFZEL** material. Available in sizes from .60" (15mm) maximum bundle diameter up to 13" (330mm) maximum bundle diameter. All are self-locking and many sizes are available in both releasable and non-releasable types. PAN-TY® Cable Ties are quickly installed by hand or with PANDUIT® installation tools.

DURA-TY™ Cable Ties



DURA-TY™ is a heavy-duty cable tie that is ideal for all outdoor applications requiring high strength and longer life. The acetal strap and head provides excellent UV light resistance and high tensile strength. The smooth, rounded edges on the head and body do not irritate the hands. The ties are easy to install. Available in standard lengths or dispenser rolls for easy, cut to length convenience in custom applications.

DOME-TOP® Barb Ty Cable Ties



These cable ties provide consistent performance and reliability for those users who prefer a cable tie with a stainless steel locking barb. They are infinitely adjustable through their entire bundle range. On selected popular sizes, the additional length of DOME-TOP® Barb Ty Cable Ties provides an average of 30% more bundle area than other metal barb cable ties. Available in sizes from .90" (23mm) maximum bundle diameter up to 9.0" (229mm) maximum bundle diameter and may be installed by hand or with PANDUIT® installation tools.

Parallel Entry Cable Ties



Parallel Entry Ties are comprised of the CONTOUR-TY®, BELT-TY™ and IN-LINE Cable Tie families. CONTOUR-TY® Cable Tie's fully enclosed locking wedge insures consistent strength, lasting performance and it is available in a new heavy-standard cross section. BELT-TY™ Cable Ties have low profile heads which help avoid snags and reduce overall bundle size. IN-LINE Cable Ties are exceptional for applications that require conformity to large bundles. Unique IN-LINE design forms completely around the bundle, increasing the contact area. Serrations on the side of the head assure positive grip during threading of the tie and increases installation speed.

*HALAR is a registered trademark of Solvay Solexis, Inc.
**TEFZEL is a registered trademark of E.I. DuPont de Nemours Co.

Selection Guide (cont.)

TAK-TY® Hook & Loop Cable Ties



PANDUIT® TAK-TY® Hook & Loop Cable Ties are ideal for applications that require frequent cabling moves, adds and changes. They can be used to secure a wide variety of various sizes of cable bundles. Wide color choice allows for quick and easy color coding of separate cable bundles.

STA-STRAP® Cable Ties



STA-STRAP® Cable Ties offer several unique features. Harness modifications during assembly are made easy as the two-piece design affords releasability prior to final tensioning and cut-off. The ties are extremely flexible and lightweight. They also provide the lowest thread force in the industry which reduces operator fatigue. The unique design allows this cable tie to secure a bundle directly to a panel without the need for additional fasteners or mounting devices and reduces installation costs.

Specialty Ties



PANDUIT® continually develops new products to help solve the unique application problems of our customers. One of these products is the polyethylene cable marker strap that is used for identifying telephone and fiber optic cable, which typifies the design/manufacturing capability of *PANDUIT®* to respond to these special needs.

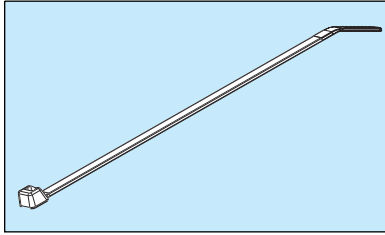
Stainless Steel Ties and Strapping



Underground, underwater, indoors, outdoors — however hostile the environment — *PANDUIT®* Stainless Steel Ties and Strapping fasten and identify components and cables quickly and easily. Stainless steel ties stand up to most chemicals, to nuclear and ultraviolet radiation, to seawater and direct burial in any soil, and to temperature extremes from -112°F to 1700°F (-80°C to 925°C).

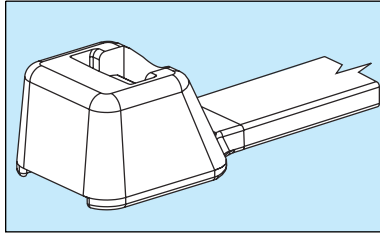
PAN-TY® Cable Tie Features/Benefits:

1. One Piece Construction



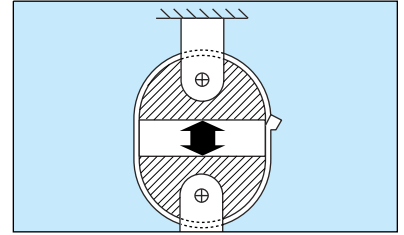
- Consistent performance and reliability
- Available in lengths from 2.8" (71mm) up to 43.3" (1100mm) to meet a variety of application requirements

2. Smooth, Round Edges



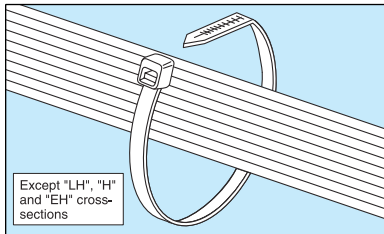
- No irritation to installer's hands, increases productivity
- Prevents damage to wire insulation

3. Tensile Strength



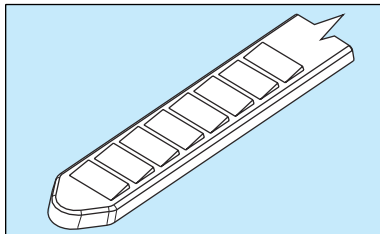
- Exceeds Industry and Aerospace Standards SAE (AS23190) standards
- Available in seven loop tensile strengths from 8 lbs. (36N) up to 250 lbs. (1112N) to provide an economical selection

4. Curved Tip



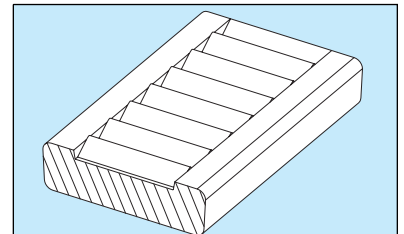
- Orients tip toward head to speed installation — lowers installed cost
- Faster initial threading
- Easier to pick up from flat surfaces

5. Finger Tip Grip



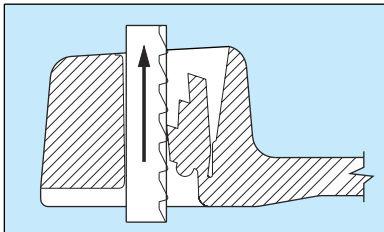
- Finger tip grip on selected sizes assures positive grip during threading of the tie
- Grip prevents tip from slipping out of cable tie head during threading

6. More Teeth Per Inch



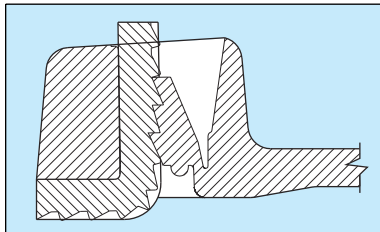
- Greater number of small uniform teeth provides tighter bundles
- Because they are flush with surface they provide proper wire bundle grip without wire insulation damage

7. Low Threading Force



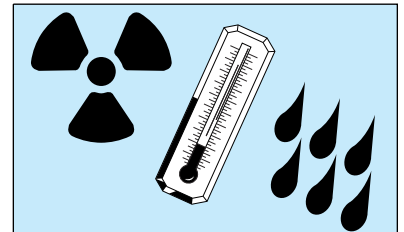
- Lowest threading force of any one piece cable tie in the industry
- Reduces operator fatigue
- Thin tapered tip facilitates threading, easier initial insertion

8. One Piece Locking Design



- Multiple locking tooth design provides greater strength and reliability
- Available in self locking or releasable styles for use in applications where changes are anticipated

9. Material Availability



- Available in a variety of materials to meet the needs of special environments
- Properly selected ties can be used indoors or outdoors with assurance of long lasting performance

PANDUIT® Nylon 6.6 Locking Cable Ties (PLT Series)

PAN-TY® Nylon 6.6 Locking Cable Ties — Curved Tip



These versatile fasteners can be used in countless applications wherever you need to bundle wire, cable, or hose. They tie bundle diameters up to 13" (330mm), they also can be joined together for even larger diameters. They have a minimum loop tensile strength from 8 lbs. (36N) to 250 lbs. (1112N). Colors are available for specific color-coding applications (see pages 24-26).



Cable Ties for Automatic Tools See Page 61.

SUBMINIATURE AND MINIATURE CROSS SECTION

Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
									Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.
PLT.6SM-C	2.8 (71)	.070 (1.8)	.030 (.8)	.095 (2.4)	.125 (3.2)	.60 (15)	8 (36)	GTS, PTS	100	1000	1000	50000
PLT.7M-C	3.1 (79)	.090 (2.3)	.032 (.8)	.115 (2.9)	.180 (4.6)	.68 (17)	18 (80)	GTS, GS2B, PTS, PPTS or STS2	100	1000	1000	50000
PLT1M-C	3.9 (99)	.098 (2.5)	.043 (1.1)	.154 (3.9)		.87 (22)			100	1000	1000	50000
PLT1.5M-C	5.6 (142)					1.25 (32)			100	1000	1000	50000
PLT2M-C	8.0 (203)					2.00 (51)			100	1000	1000	25000

INTERMEDIATE CROSS SECTION

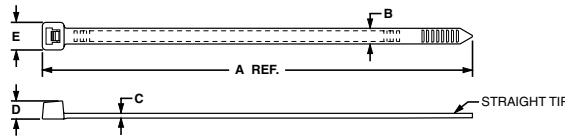
PLT1.5I-C	5.6 (142)	.142 (3.6)	.045 (1.1)	.180 (4.6)	.240 (6.1)	1.38 (35)	40 (178)	GTS, GS2B, PTS, PPTS or STS2	100	1000	1000	25000
PLT2I-C	8.0 (203)					2.00 (51)			100	1000	1000	25000
PLT2.5I-C	9.7 (246)	.145 (3.7)	.052 (1.3)	.180 (4.6)	.260 (6.6)	2.50 (64)	40 (178)	GTS, GS2B, PTS, PPTS or STS2	100	1000	1000	10000
PLT3I-C	11.4 (290)					3.00 (76)			100	1000	1000	10000
PLT4I-C	14.5 (368)					4.00 (102)			100	1000	1000	10000

STANDARD CROSS SECTION

PLT1S-C	4.8 (122)	.190 (4.8)	.052 (1.3)	.220 (5.6)	.316 (8.0)	1.00 (25)	50 (222)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	100	1000	1000	25000
PLT1.5S-C	6.2 (157)					1.50 (38)			100	1000	1000	25000
PLT2S-C	7.4 (188)					1.88 (48)			100	1000	1000	10000
PLT2.5S-C	9.8 (249)					2.50 (64)			100	1000	1000	10000
PLT3S-C	11.5 (292)					3.00 (76)			100	1000	1000	10000
PLT4S-C	14.5 (368)					4.00 (102)			100	1000	1000	5000
PLT4.5S-C	15.5 (394)					4.50 (114)			100	1000	1000	5000
PLT5S-C	17.5 (445)					5.00 (127)			100	500	1000	5000

PANDUIT® Nylon 6.6 Locking Cable Ties (PLT Series)

Light-Heavy and Heavy Cross Section



Except PLT5H, 6H, 8H and 13H



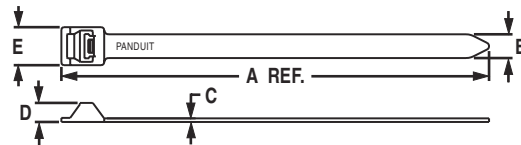
Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
									Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.
LIGHT-HEAVY CROSS SECTION												
PLT6LH-L	21.9 (556)	.300 (7.6)	.075 (1.9)	.325 (8.3)	.480 (12.2)	6.00 (152)	120 (534)	GTH, GS4H, GS4EH, PPTEH, ST2EH or STH2	50	500	100	2000
PLT7LH-L	24.7 (627)					7.00 (178)			50	500	100	2000
PLT8LH-L	27.6 (701)					8.00 (203)			50	500	100	2000
PLT9LH-L	30.5 (775)					9.00 (229)			50	500	100	1000
PLT10LH-L	34.3 (871)					10.31 (262)			50	1000	100	1000

HEAVY CROSS SECTION												
PLT2H-L	8.1 (206)	.300 (7.6)	.075 (1.9)	.290 (7.4)	.480 (12.2)	2.00 (51)	120 (534)	GTH, GS4H, GS4EH, PPTEH, ST2EH or STH2	50	500	250	2500
PLT2.5H-L	9.8 (251)					2.50 (64)			50	500	250	2500
PLT3H-L	11.4 (290)					3.00 (76)			50	500	250	2500
PLT4H-L	14.5 (368)					4.00 (102)			50	500	250	2500
PLT5H-L	17.7 (450)	.350 (8.9)	.078 (2.0)	.340 (8.6)	.560 (14.2)	5.00 (127)	175 (778)	GTH, GS4H, GS4EH, PPTEH, ST2EH or STH2	50	500	100	2500
PLT6H-L	20.9 (530)					6.00 (152)			50	500	100	2000
PLT8H-L	30.6 (779)					9.00 (229)			50	500	100	1000
PLT13H-Q	43.3 (1100)					13.00 (330)			25	500	100	500

PAN-Ty® Locking Lashing Ties



Lashing Ties typically are used on heavy duty jobs such as securing conduit or large cable bundles to permanent structures, indoors or out. Can be used with MCEH mounting clip (see page 16).



Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
									Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.
EXTRA-HEAVY CROSS SECTION												
PLT2EH-C‡	9.0 (229)	.500 (12.7)	.075 (1.9)	.40 (10.2)	.80 (20.3)	2.00 (51)	250 (1112)	GS4EH, PPTEH or ST2EH	—	—	100	1000
PLT5EH-Q■	20.1 (511)					5.00 (127)			25	250	100	1000
PLT6EH-Q■	22.2 (564)					6.00 (152)			25	250	100	1000
PLT8EH-C‡	28.3 (719)		8.00 (203)			—			—	100	1000	
PLT10EH-C‡	34.2 (869)		.085 (2.2)			10.00 (254)			—	—	100	500
PLT12EH-C‡	40.1 (1019)					12.00 (305)			—	—	100	500

*Order the number of pieces required in multiples of package quantities.
 For colors and other materials, see pages 24-26.
 ‡ All part numbers shown in standard package quantities unless denoted by ‡.
 ■ Available without buckle for applications that do not require mounting.

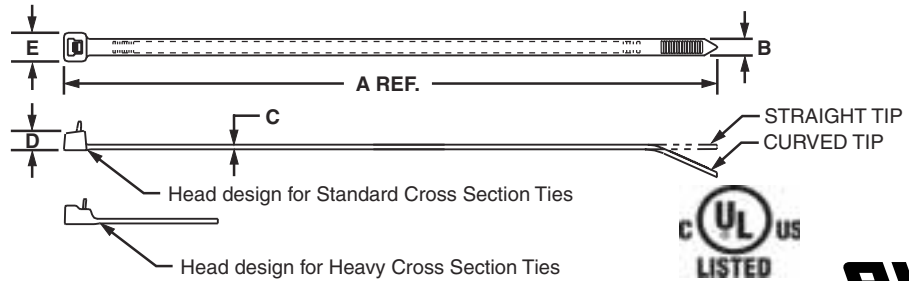
PANDUIT® Nylon 6.6 Releasable Cable Ties (PRT Series)

PAN-TY® Releasable Nylon 6.6 Cable Ties

The extended tab end of releasable cable ties permits easy release and re-use even after the tie has been pulled up snug by hand. Releasable ties are particularly useful in applications where changes are anticipated during development, production or servicing in the field.



To release, grasp the head of the cable tie, deflect release tab and pull the cable tie away from the bundle.



Except Heavy Ties **RAI** US

Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
									Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.

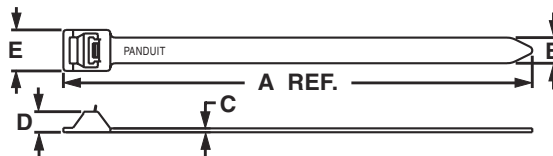
STANDARD CROSS SECTION

PRT1S-C	4.8 (122)	.190 (4.8)	.052 (1.3)	.219 (5.6)	.316 (8.0)	1.00 (25)	50 (222)	Hand Installed Only	100	1000	1000	10000
PRT1.5S-C	6.3 (160)								100	1000	1000	10000
PRT2S-C	7.4 (188)								100	1000	1000	10000
PRT3S-C	11.5 (292)								100	1000	1000	10000
PRT4S-C	14.5 (368)								100	1000	1000	5000

HEAVY CROSS SECTION

PRT2H-L	8.4 (213)	.300 (7.6)	.075 (1.9)	.300 (7.6)	.480 (12.2)	2.00 (51)	80 (356)	Hand Installed Only	50	500	250	2500
PRT3H-L	11.4 (290)								50	500	250	2500
PRT4H-L	14.5 (368)								50	500	250	2500

PAN-TY® Releasable Lashing Ties — Nylon 6.6



Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
									Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.

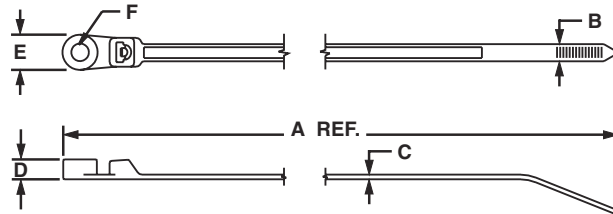
EXTRA-HEAVY CROSS SECTION

PRT2EH-C‡	9.0 (229)	.500 (12.7)	.075 (1.9)	.40 (10.2)	.80 (20.3)	2.00 (51)	250 (1112)	Hand Installed Only	—	—	100	1000
PRT5EH-Q	20.1 (510)								25	250	100	1000
PRT6EH-Q	22.2 (564)								25	250	100	1000
PRT8EH-C‡	28.3 (719)		—						—	100	1000	
PRT10EH-C‡	34.2 (869)		—						—	100	500	
PRT12EH-C‡	40.1 (1019)		—						—	100	500	

PANDUIT® Nylon 6.6 Locking Clamp Ties (PLC Series)

PAN-TY® Nylon 6.6 Clamp Ties

Clamp ties are used to attach a bundle to another surface such as a control panel, wall or ceiling using another fastener. The design allows for bundling before or after screwing clamp in place.



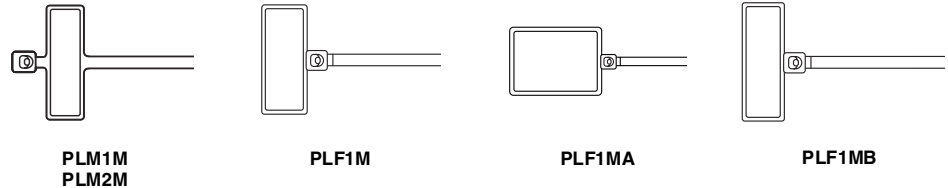
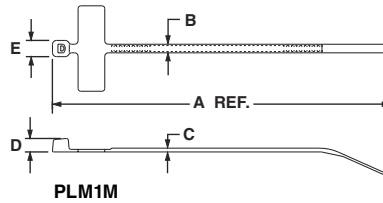
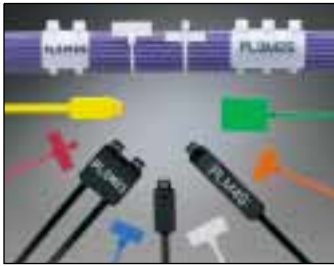
Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Boss Height D in. (mm)	Boss Width E in. (mm)	Hole Dia. F in. (mm)	Screw Size (Metric)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
											Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.
MINIATURE CROSS SECTION														
PLC1M-S4-C	4.3 (110)	.100 (2.5)	.045 (1.2)	.153 (3.9)	.239 (6.1)	.118 (3.0)	#4 (M2.5)	.75 (20)	18 (80)	GTS, GS2B, PTS, PPTS or STS2	100	1000	1000	50000
INTERMEDIATE CROSS SECTION														
PLC1.5I-S8-C	6.1 (156)	.135 (3.4)	.045 (1.2)	.166 (4.2)	.335 (8.5)	.172 (4.4)	#8 (M4)	1.25 (32)	40 (178)	GTS, GS2B, PTS, PPTS or STS2	100	1000	1000	25000
STANDARD CROSS SECTION														
PLC2S-S6-C	7.9 (201)	.190 (4.8)	.047 (1.2)	.160 (4.1)	.373 (9.5)	.145 (3.7)	#6 (M3)	1.84 (47)	50 (222)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	100	1000	1000	10000
PLC2S-S10-C	7.9 (201)					#10 (M5)	100				1000	1000	10000	
PLC3S-S10-C	12.0 (305)		.052 (1.3)	.220 (5.6)		.206 (5.2)	#10 (M5)	3.00 (76)			100	1000	1000	5000
PLC4S-S10-C	15.0 (381)		#10 (M5)	4.00 (102)		100	1000	1000			5000			
HEAVY CROSS SECTION														
PLC2H-S25-L	9.0 (228)	.300 (7.6)	.075 (1.9)	.265 (6.7)	.500 (12.7)	.260 (6.6)	1/4 (M6)	2.00 (51)	120 (534)	GTH, GS4H, GS4EH, PPTEH STH2 or ST2EH	50	500	250	2500
PLC4H-S25-L	15.1 (384)							4.00 (102)			50	500	250	2500

*Order the number of pieces required in multiples of package quantities.
For colors and other materials, see pages 24-26.
All part numbers shown in standard package quantities unless denoted by ‡.

PANDUIT® Nylon 6.6 Marker and Flag Ties (PLF/PLM Series)

PAN-TY® Nylon 6.6 Marker and Flag Ties

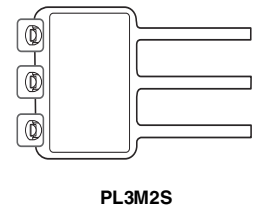
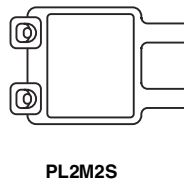
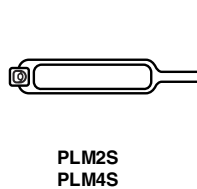
Marker and Flag Ties fasten and identify bundles at the same time. They can be marked with *PANDUIT®* Marker Pens or you can use *PANDUIT®* Custom Hot Stamping Service.



Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Write-on Area in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended <i>PANDUIT®</i> Installation Tool Part No.	Packaging*			
										Std. Pkg. Qty.*	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.

MINIATURE CROSS SECTION

PLF1M-C	4.3 (109)					.31 x .75 (7.9 x 19.1)		18 (80)	GTS, GS2B, PTS, PPTS or STS2	100	1000	1000	25000
PLF1MA-C	5.1 (130)					.76 x 1.04 (19.1 x 26.4)				.87 (22)	100	1000	1000
PLF1MB-C	4.0 (101)	.098 (2.5)				.31 x .92 (7.9 x 23.4)				100	1000	1000	25000
PLM1M-C	3.9 (99)											.26 x .95 (6.6 x 24.1)	
PLM2M-C	8.0 (203)		.035 (.9)										



Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Write-on Area in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended <i>PANDUIT®</i> Installation Tool Part No.	Packaging*			
										Std. Pkg. Qty.*	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.

STANDARD CROSS SECTION

PLM2S-C	7.4 (188)					.44 x .87 (11.1 x 22.1)		50 (222)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	100	1000	500	10000
PLM4S-C	14.6 (371)					.44 x 2.00 (11.1 x 50.8)				4.00 (102)	100	1000	500
PL2M2S-L	7.4 (188)					.87 x 1.07 (22.1 x 27.2)				50	500	500	2500
PL3M2S-L	7.4 (188)					.87 x 1.79 (22.1 x 45.5)				1.75 (45)	50	500	500

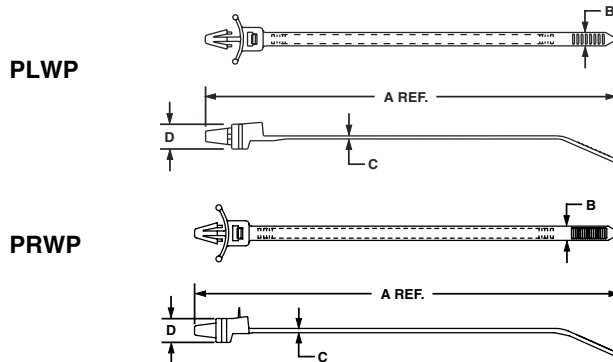
Marker Ties are also available in weather resistant black nylon for outdoor use. May be marked with *PANDUIT®* PX-10 White Marking Pen found on [page 105](#).

Custom Hot Stamping Available; See page 52.

PANDUIT® Nylon 6.6 Winged Push Mount Ties (PLWP/PRWP Series)

PAN-TY® Nylon 6.6 Winged Push Mount Ties

Push mount ties are used to attach a cable bundle to a surface such as a flat panel. The anchor is easily pressed into a pre-drilled hole and locks in place. The wings provide constant tension when installed, creating a stable, secure fixture and rattle-free installation.



Winged Nylon 6.6 Push Mount Ties — Locking Style (PLWP)



Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Nominal Hole Dia. in. (mm)	Max. Panel Thickness in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
										Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.
MINIATURE CROSS SECTION													
PLWP1M-C	4.3 (109)	.098 (2.5)	.044 (1.1)	.220 (5.6)	.187 (4.7)	.093 (2.4)	.87 (22)	18 (80)	GTS, GS2B, PTS, PPTS or STS2	100	1000	500	5000

INTERMEDIATE CROSS SECTION

PLWP1.5I-C	6.0 (152)	.135 (3.4)	.045 (1.2)	.280 (7.1)	.187 (4.7)	.093 (2.4)	1.25 (32)	40 (178)	GTS, GS2B, PTS, PPTS or STS2	100	1000	500	5000
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STANDARD CROSS SECTION

PLWP1S-C	5.2 (132)	.190 (4.8)	.052 (1.3)	.370 (9.4)	.252 (6.4)	.105 (2.7)	1.00 (25)	50 (222)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	100	1000	500	5000
PLWP1SA-D‡	5.1 (130)				.093 (2.4)	—				—	500	5000	
PLWP1SB-D‡	5.2 (132)				.157 (4.0)	—	—			500	5000		
PLWP1.5S-D‡	6.8 (173)				.252 (6.4)	.105 (2.7)	1.50 (38)			—	—	500	5000
PLWP1.5SA-D‡	6.7 (170)				.187 (4.7)	.093 (2.4)				—	—	500	5000
PLWP2S-C	7.8 (198)				.252 (6.4)	.105 (2.7)	1.75 (45)			100	1000	500	5000
PLWP2SA-D‡	7.7 (196)				.093 (2.4)	—				—	500	5000	
PLWP2SB-D‡	7.8 (198)				.157 (4.0)	—				—	500	5000	

HEAVY CROSS SECTION

PLWP2H-TL‡	8.9 (226)	.300 (7.6)	.075 (1.9)	.370 (9.4)	.266 (6.8)	.105 (2.7)	2.00 (51)	120 (534)	GTH, GS4H, STH2 or PPTEH	—	—	250	2500
PLWP3H-TL‡	12.0 (305)						3.00 (76)			—	—	250	2500

Winged Nylon 6.6 Push Mount Ties — Releasable Style (PRWP)

STANDARD CROSS SECTION

PRWP1S-C	5.2 (132)	.190 (4.8)	.052 (1.3)	.370 (9.4)	.266 (6.8)	.105 (2.7)	1.00 (25)	50 (222)	Hand Installed Only	100	1000	500	5000
PRWP1SA-C	5.1 (130)				.093 (2.4)	100				1000	500	5000	
PRWP1SB-D‡	5.2 (132)				.157 (4.0)	—	—			500	5000		
PRWP1.5S-D‡	6.8 (173)				.252 (6.4)	.105 (2.7)	1.50 (38)			—	—	500	5000
PRWP2S-D‡	7.8 (198)				.187 (4.7)	.093 (2.4)				—	—	500	5000

HEAVY CROSS SECTION

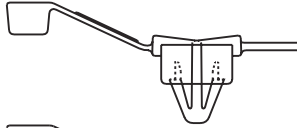
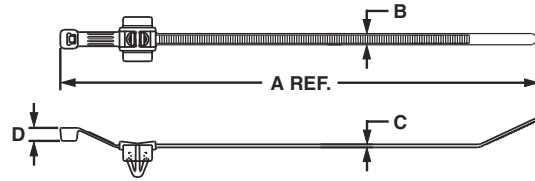
PRWP2H-TL ‡	8.9 (226)	.300 (7.6)	.075 (1.9)	.370 (9.4)	.266 (6.8)	.105 (2.7)	2.00 (51)	120 (534)	Hand Installed Only	—	—	250	2500
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*Order the number of pieces required in multiples of package quantities.
For colors and other materials, see pages 24-26.
All part numbers shown in standard package quantities unless denoted by ‡.

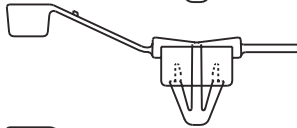
PANDUIT® Heat Stabilized Nylon 6.6 Push Mount Ties (PLWP/PRLWP Series)

PAN-TY® Center Mounted Heat Stabilized Nylon 6.6 Winged Push Mount Ties

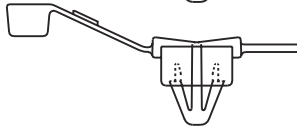
Center mounted winged push mount cable ties center the bundle on all bundle diameters.



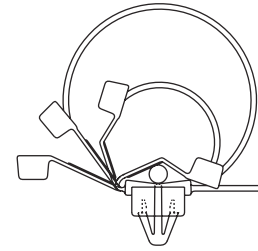
PLWP30, 40, 50SC winged push mount cable ties are for normal wire bundles.



PLWP40SD winged push mount cable ties with convoluted tubing bump that prevents lateral and axial movement on convoluted tubing.



PLWP50SE winged push mount cable ties with convoluted tubing bump that prevents lateral movement on convoluted tubing.



BUNDLE DIAMETERS
from .12" to 1.97"
(3mm to 50mm)



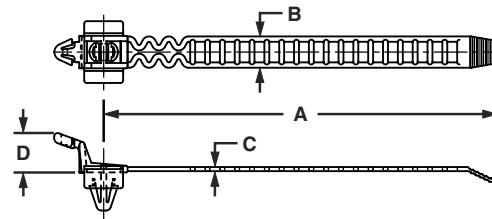
Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Nominal Hole Dia. in. (mm)	Max. Panel Thickness in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
										Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.

STANDARD CROSS SECTION

PLWP30SC-D30‡	5.8 (147)	.190 (4.8)	.050 (1.3)	.220 (5.6)	.266 (6.8)	.118 (3.0)	1.18 (30)	50 (222)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	—	—	500	5000
PLWP40SC-D30‡	7.0 (178)						1.58 (40)			—	—	500	5000
PLWP50SC-D30‡	8.2 (208)						1.97 (50)			—	—	500	5000
PLWP40SD-D30‡	7.0 (178)						1.58 (40)			—	—	500	5000
PLWP50SE-D30‡	8.2 (208)						1.97 (50)			—	—	500	5000

Ladder Style Heat Stabilized Nylon 6.6 Winged Push Mount Ties

Unique releasable ladder design eliminates the need for multiple clamp sizes.



Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Nominal Hole Dia. in. (mm)	Max. Panel Thickness in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
										Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.

STANDARD CROSS SECTION

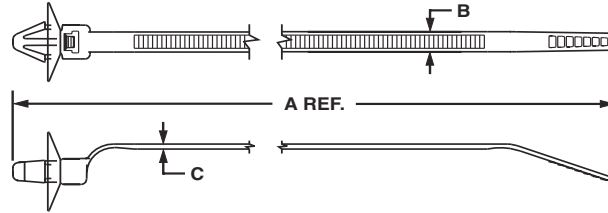
PRLWP30S-D30‡	4.7 (119)	.380 (9.7)	.050 (1.3)	.470 (12)	.256 (6.5)	.118 (3.0)	1.43 (36)	35 (156)	Hand Installed Only	—	—	500	5000
PRLWP50S-D30‡	7.1 (180)						2.18 (55)			—	—	500	5000

PANDUIT® Nylon 6.6 Push Mount Ties (PLUP/PLP Series)

PANDUIT® Umbrella Winged Push Mount Cable Ties



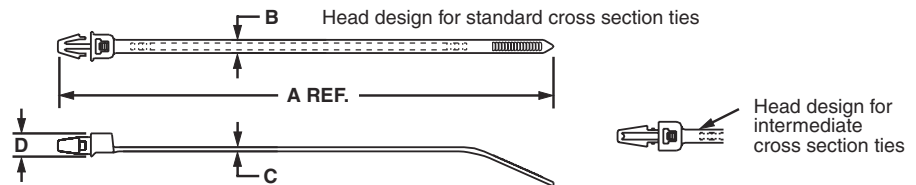
The anchor snaps into a hole in a light gauge metal or plastic panel. No screws or other fasteners required. The umbrella shaped disc stabilizes the anchor and insures a tight, rattle-free fit. In addition, the umbrella disc provides a dust-tight and semi-liquid tight seal against the panel surface. The material is heat stabilized, black Nylon 6.6.



Part Number	A Length in. (mm)	B Width in. (mm)	C Thickness in. (mm)	Nominal Hole Diameter in. (mm)	Max. Panel Thickness in. (mm)	Max. Bundle Diameter in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*				
									Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.	
STANDARD CROSS SECTION													
PLUP40S-D30‡	7.0 (177)	.190 (4.8)	.047 (1.2)	.266 (6.8)	.050 (1.3)	1.57 (40)	49 (218)	GTS, GS2B, GTH, GS4H, PTH or PPTS	—	—	500	5000	
•PLUP40SE-D30‡									—	—	500	5000	

‡For use with Corrugated Loom Tubing.

PAN-Ty® Nylon 6.6 Push Mount Ties (Style PLP)



Economical Push Mount Tie Style



Part Number	A Length in. (mm)	B Width in. (mm)	C Thickness in. (mm)	D Head Height in. (mm)	Nominal Hole Diameter in. (mm)	Max. Panel Thickness in. (mm)	Maximum Bundle Diameter in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
										Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.
PLP1.5I-M‡	6.1 (156)	.135 (3.4)	.045 (1.1)	.236 (6.0)	.187 (4.7)	.090 (2.4)	1.25 (31.8)	40 (178)	GTS, GS2B, PTS, PPTS or STS2	—	—	1000	25000

INTERMEDIATE CROSS SECTION

PLP1.5I-M‡	6.1 (156)	.135 (3.4)	.045 (1.1)	.236 (6.0)	.187 (4.7)	.090 (2.4)	1.25 (31.8)	40 (178)	GTS, GS2B, PTS, PPTS or STS2	—	—	1000	25000
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STANDARD CROSS SECTION

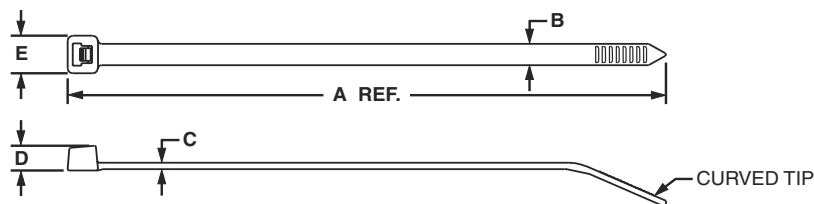
PLP1S-C	5.3 (134)	.180 (4.6)	.50 (1.3)	.354 (9.0)	.250 (6.4)	.130 (3.2)	1.00 (25)	50 (222)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	100	1000	1000	10000
PLP1.5S-M‡	6.7 (170)						1.50 (38)			—	—	1000	10000
PLP2S-C	7.9 (200)						1.75 (45)			100	1000	1000	10000

*Order the number of pieces required in multiples of package quantities.
For colors and other materials, see pages 24-26.
All part numbers shown in standard package quantities unless denoted by ‡.

PANDUIT® Weather Resistant Nylon 6.6 Cable Ties (PLT Series)

PAN-TY® Weather Resistant Nylon Cable Ties

Weather resistant nylon has greater resistance to ultraviolet light which damages natural nylon. Where adverse outdoor conditions exist, see technical/application data section ([pages 64-65](#)) to select proper cable tie material for specific applications.



SUBMINIATURE AND MINIATURE CROSS SECTION



Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
									Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.
PLT.6SM-C0	2.8 (71)	.070 (1.8)	.030 (.8)	.095 (2.4)	.125 (3.2)	.60 (15)	8 (36)	GTS, PTS or STS2	100	1000	1000	50000
PLT1M-C0	3.9 (99)	.098 (2.5)	.043 (1.1)	.154 (3.9)	.180 (4.6)	.87 (22)	18 (80)	GTS, GS2B, PTS, PPTS or STS2	100	1000	1000	50000
PLT1.5M-C0	5.6 (142)								100	1000	1000	50000
PLT2M-C0	8.0 (203)								100	1000	1000	25000

INTERMEDIATE CROSS SECTION

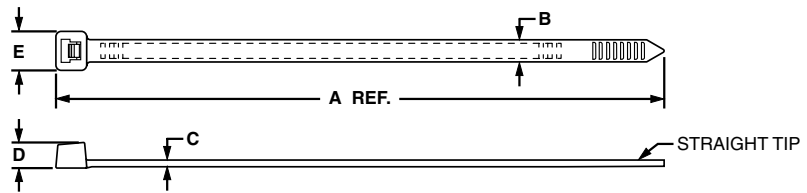
PLT1.5I-C0	5.6 (142)	.142 (3.6)	.045 (1.1)	.180 (4.6)	.240 (6.1)	1.38 (35)	40 (178)	GTS, GS2B, PTS, PPTS or STS2	100	1000	1000	25000
PLT2I-C0	8.0 (203)					100			1000	1000	25000	
PLT2.5I-C0	9.7 (246)	.145 (3.7)	.052 (1.3)	.180 (4.6)	.280 (6.6)	2.50 (64)	50 (222)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	100	1000	1000	10000
PLT3I-C0	11.4 (290)					100			1000	1000	10000	
PLT4I-C0	14.5 (368)					100			1000	1000	10000	

STANDARD CROSS SECTION

PLT1S-C0	4.8 (122)	.190 (4.8)	.052 (1.3)	.220 (5.6)	.316 (8.0)	1.00 (25)	50 (222)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	100	1000	1000	10000
PLT1.5S-C0	6.2 (157)					100			1000	1000	10000	
PLT2S-C0	7.4 (188)					100			1000	1000	10000	
PLT2.5S-C0	9.8 (249)					100			1000	1000	10000	
PLT3S-C0	11.5 (292)					100			1000	1000	10000	
PLT4S-C0	14.5 (368)					100			1000	1000	5000	
PLT4.5S-C0	15.5 (394)					100			1000	1000	5000	
PLT5S-C0	17.5 (445)	100	500	1000	5000							

PANDUIT® Weather Resistant Cable Ties (PLT Series)

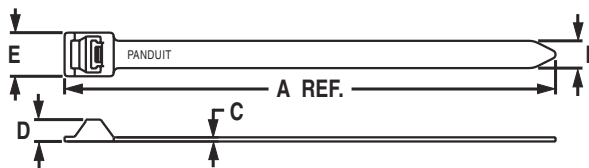
PAN-Ty® Weather Resistant Nylon Cable Ties



Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*				
									Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.	
LIGHT-HEAVY CROSS SECTION													
PLT6LH-L0	21.9 (556)	.300 (7.6)	.075 (1.9)	.325 (8.3)	.480 (12.2)	6.00 (152)	120 (534)	GTH, GS4H, GS4EH PPTEH or STH2	50	500	100	2000	
PLT7LH-L0	24.7 (627)								50	500	100	2000	
PLT8LH-L0	27.6 (701)								50	500	100	2000	
PLT9LH-L0	30.5 (775)								50	500	100	2000	

HEAVY CROSS SECTION													
PLT2H-L0	8.1 (206)	.300 (7.6)	.075 (1.9)	.290 (7.4)	.480 (12.2)	2.00 (51)	120 (534)	GTH, GS4H, GS4EH PPTEH or STH2	50	500	100	1000	
PLT2.5H-L0	9.8 (251)					2.50 (64)			50	500	250	2500	
PLT3H-L0	11.4 (290)					3.00 (76)			50	500	250	2500	
PLT4H-L0	14.5 (368)					4.00 (102)			50	500	250	2500	
PLT5H-L0	17.7 (450)	.350 (8.9)	.078 (2.0)	.340 (8.6)	.560 (14.2)	5.00 (127)	175 (778)	GTH, GS4H, GS4EH PPTEH or STH2	50	500	250	2500	
PLT6H-L0	20.9 (530)					6.00 (152)			50	500	250	2000	
PLT8H-L0	30.6 (779)					9.00 (229)			50	500	100	1000	
PLT13H-Q0	43.3 (1100)					13.00 (330)			25	500	100	500	

PAN-Ty® Locking Weather Resistant Nylon Lashing Ties



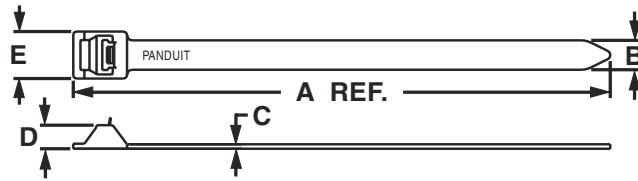
Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*				
									Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.	
EXTRA-HEAVY CROSS SECTION													
PLT2EH-Q0	9.0 (229)	.500 (12.7)	.075 (1.9)	.400 (10.2)	.800 (20.3)	2.00 (51)	250 (1112)	GS4EH PPTEH or STH2	25	250	100	1000	
PLT5EH-Q0	20.1 (511)					5.00 (127)			25	250	100	1000	
PLT6EH-Q0	22.2 (564)					6.00 (152)			25	250	100	1000	
PLT8EH-Q0	28.3 (719)		8.00 (203)			25			250	100	1000		
PLT10EH-Q0	34.2 (869)		10.00 (254)			25			250	100	500		
PLT12EH-Q0	40.1 (1019)		12.00 (305)			25			250	100	500		

*Order the number of pieces required in multiples of package quantities.
For colors and other materials, see pages 24-26.
All part numbers shown in standard package quantities unless denoted by ‡

PANDUIT® Weather Resistant Cable Ties (PRT Series)

PAN-TY® Releasable Weather Resistant Nylon Lashing Ties

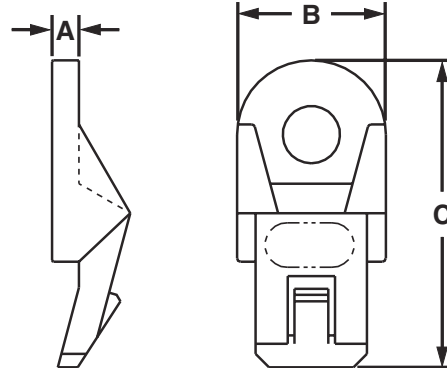
The extended tab end of releasable cable ties permits easy release and reuse even after tie has been pulled up snug by hand. Releasable ties are particularly useful where changes are anticipated during development, production or servicing in the field.



Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*					
									Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.		
EXTRA-HEAVY CROSS SECTION														
PRT2EH-Q0	9.0 (229)	.500 (12.7)	.075 (1.9)	.400 (10.2)	.800 (20.3)	2.00 (51)	250 (1112)	Hand Installed Only	25	250	100	1000		
PRT5EH-Q0	20.1 (510)								25	250	100	1000		
PRT6EH-Q0	22.2 (564)								25	250	100	1000		
PRT8EH-Q0	28.3 (719)		25						250	100	1000			
PRT10EH-Q0	34.2 (869)		25						250	100	500			
PRT12EH-Q0	40.1 (1019)		25						250	100	500			
			.085 (2.2)			8.00 (203)								
						10.00 (254)								
						12.00 (305)								

Lashing Tie Mounting Clip

Converts PANDUIT® PAN-TY® Lashing Ties into clamps. Easily snaps in place for a secure clamp. Used with Lashing Ties (see pages 7, 8, 15 and above).



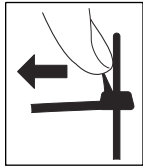
Part Number	Dimensions in. (mm)			Material	Color	Where Used	Mounting Method	Packaging*			
	Height A in. (mm)	Width B in. (mm)	Length C in. (mm)					Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.
MCEH-S25-C0	.13 (3.3)	.67 (17.0)	1.38 (35)	Weather Resistant Nylon 6.6	Black	Outdoors or Indoors	1/4" (M6) screw (except flathead)	—	—	100	1000



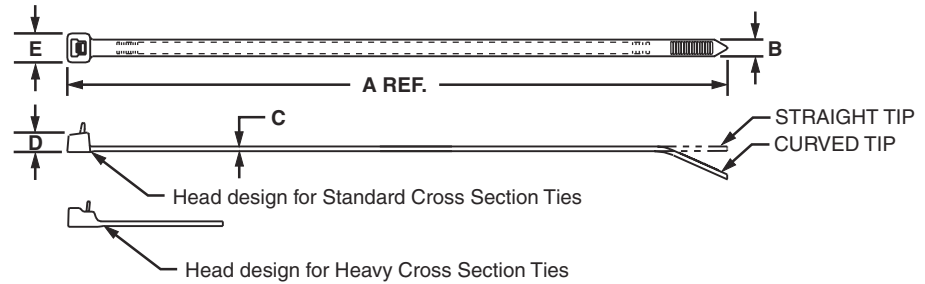
PANDUIT® Weather Resistant Cable Ties (PRT Series)

Releasable Cable Ties (PRT Series)

The extended tab end of releasable cable ties permits easy release and reuse even after tie has been pulled up snug by hand. Releasable ties are particularly useful where changes are anticipated during development, production or servicing in the field.



To release, grasp the head of the cable tie, deflect release tab and pull the cable tie away from the bundle.



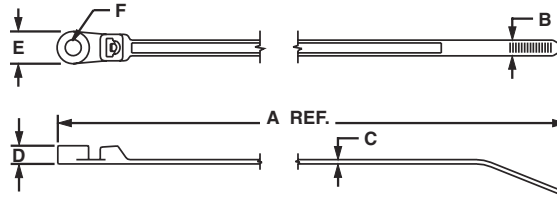
Part Number	Cross Section	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*				
										Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.	
STANDARD CROSS SECTION														
PRT1S-C0	Std.	4.8 (122)	.190 (4.8)	.052 (1.3)	.219 (5.6)	.316 (8.0)	1.00 (25)	50 (222)	Hand Installed Only	100	1000	100	10000	
PRT1.5S-C0		6.3 (160)					1.50 (38)			100	1000	100	10000	
PRT2S-C0		7.4 (188)					1.88 (48)			100	1000	100	10000	
PRT3S-C0		11.5 (292)					.337 (8.6)			3.00 (76)	100	1000	100	10000
PRT4S-C0		14.5 (368)					4.00 (102)			100	1000	100	5000	
HEAVY CROSS SECTION														
PRT2H-L0	Hvy.	8.4 (213)	.300 (7.6)	.075 (1.9)	.300 (7.6)	.480 (12.2)	2.00 (51)	80 (356)	Hand Installed Only	50	500	250	2500	
PRT3H-L0		11.4 (290)					3.00 (76)			50	500	250	2500	
PRT4H-L0		14.5 (368)					4.00 (102)			50	500	250	2500	

*Order the number of pieces required in multiples of package quantities.
 For colors and other materials, see pages 24-26.
 All part numbers shown in standard package quantities unless denoted by ‡

PANDUIT® Weather Resistant Nylon 6.6 Clamp Ties (PLC Series)

PAN-TY® Weather Resistant Nylon Clamp Ties

Clamps are used to attach a bundle to another surface such as a control panel, wall or ceiling using another fastener. The design allows for bundling before or after screwing clamp in place.



Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Boss Height D in. (mm)	Boss Width E in. (mm)	Nominal Hole Dia. F in. (mm)	Screw Size	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
											Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.

MINIATURE CROSS SECTION

PLC1M-S4-C0	4.3 (110)	.100 (2.5)	.045 (1.2)	.153 (3.9)	.239 (6.1)	.118 (3.0)	#4 (M2.5)	.75 (20)	18 (80)	GTS, GS2B, PTS, PPTS or STS2	100	1000	1000	50000
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INTERMEDIATE CROSS SECTION

PLC1.5I-S8-C0	6.1 (156)	.135 (3.4)	.045 (1.2)	.166 (4.2)	.335 (8.5)	.172 (4.4)	#8 (M4)	1.25 (32)	40 (178)	GTS, GS2B, PTS, PPTS or STS2	100	1000	1000	25000
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STANDARD CROSS SECTION

PLC2S-S6-C0	7.9 (201)	.190 (4.8)	.047 (1.2)	.160 (4.1)	.390 (9.5)	.145 (3.7)	#6 (M3)	1.84 (47)	50 (222)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	100	1000	1000	10000
PLC2S-S10-C0	100										1000	1000	10000	
PLC3S-S10-C0	12.0 (305)										100	1000	1000	5000
PLC4S-S10-C0	15.0 (381)										100	1000	1000	5000

HEAVY CROSS SECTION

PLC2H-S25-TL0‡	9.0 (228)	.300 (7.6)	.075 (1.9)	.265 (6.7)	.500 (12.7)	.260 (6.6)	1/4 (M6)	2.00 (51)	120 (534)	GTH, GS4H, GS4EH, PPTEH or STH2	—	—	250	2500
PLC4H-S25-L0	15.1 (384)										50	500	250	2500

NATURAL POLYPROPYLENE CABLE TIES (Refer to drawing on page 19)

Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Tool Setting¹ (except STS2/STH2)	Packaging*			
										Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.

MINIATURE CROSS SECTION

PLT1M-M109	3.9 (99)	.098 (2.5)	.043 (1.1)	.154 (3.9)	.180 (4.6)	.87 (22)	11 (49)	GTS, GS2B, PTS, PPTS or STS2	2	—	—	1000	50000
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INTERMEDIATE CROSS SECTION

PLT1.5I-M109	5.6 (142)	.142 (3.6)	.045 (1.2)	.180 (4.6)	.240 (6.1)	1.38 (35)	18 (80)	GTS, GS2B, PTS, PPTS or STS2	3	—	—	1000	25000
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STANDARD CROSS SECTION

PLT2S-M109	7.4 (188)	.190 (4.8)	.052 (1.3)	.220 (5.6)	.316 (8.0)	1.88 (48)	30 (133)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	5 (GTS, GS2B, PTS, PPTS) 2 (GTH, GS4H)	—	—	1000	10000
PLT3S-M109	11.5 (292)									—	—	1000	10000
PLT4S-M109	14.5 (368)									—	—	1000	5000

HEAVY CROSS SECTION

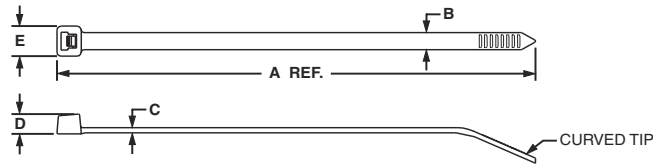
PLT2H-TL109	8.1 (206)	.300 (7.6)	.075 (1.9)	.290 (7.4)	.480 (12.2)	2.00 (51)	50 (222)	GTH, GS4H, PPTEH or STH2	5	—	—	250	2500
PLT3H-TL109	11.4 (290)									—	—	250	2500
PLT4H-TL109	14.5 (368)									—	—	250	2500

NOTE 1: For best results, use tool tensions at the low end of the adjustment range, i.e. Std. Cable Ties installed at tool setting 5 to arrive at optimum installation tension.

PANDUIT® Polypropylene Cable Ties (PLT / PRT Series)

PAN-Ty® Weather Resistant Polypropylene Cable Ties

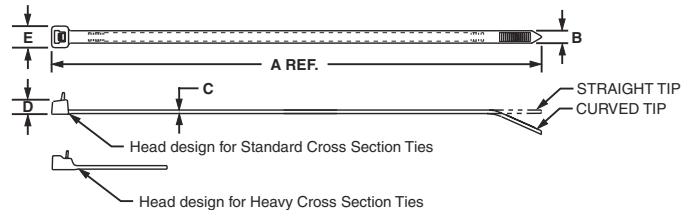
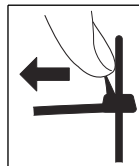
For chemical resistance in outdoor applications that are unsuitable for nylon and that do not require high loop tensile strengths. Color is black.



Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Tool Setting¹ (except STS2/ STH2)	Packaging*				
										Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.	
MINIATURE CROSS SECTION														
PLT1M-M100	3.9 (99)	.098 (2.5)	.043 (1.1)	.154 (3.9)	.180 (4.6)	.87 (22)	11 (49)	GTS, GS2B, PTS, PPTS or STS2	2	—	—	1000	5000	
INTERMEDIATE CROSS SECTION														
PLT1.5I-M100	5.6 (142)	.142 (3.6)	.045 (1.1)	.180 (4.6)	.240 (6.1)	1.38 (35)	18 (80)	GTS, GS2B, PTS, PPTS or STS2	3	—	—	1000	2500	
STANDARD CROSS SECTION														
PLT2S-M100	7.4 (188)	.190 (4.8)	.052 (1.3)	.220 (5.6)		.316 (8.0)	1.88 (48)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	5 (GTS, GS2B, PTS, PPTS)	—	—	1000	10000	
PLT3S-M100	11.5 (292)					3.00 (76)	30 (133)			—	—	1000	10000	
PLT4S-M100	14.5 (368)					4.00 (102)	—			—	—	1000	5000	
HEAVY CROSS SECTION														
PLT2H-TL100	8.1 (206)	.300 (7.6)	.075 (1.9)	.290 (7.4)	.480 (12.2)	2.00 (51)	50 (222)	GTH, GS4H, PPTHEH or STH2	5	—	—	250	2500	
PLT3H-TL100	11.4 (290)					3.00 (76)				—	—	250	2500	
PLT4H-TL100	14.5 (368)					4.00 (102)				—	—	250	2500	

NOTE 1: For best results, use tool tensions at the low end of the adjustment range, i.e. Std. Cable Ties installed at tool setting 5 to arrive at optimum installation tension.

PAN-Ty® Releasable Polypropylene Cable Ties



To release, grasp the head of the cable tie, deflect release tab and pull the cable tie away from the bundle.

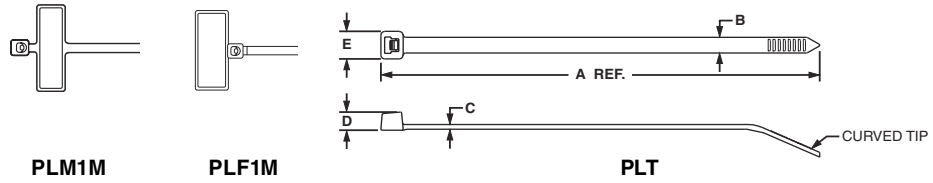
Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part. No.	Packaging*					
									Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.		
EXTRA-HEAVY CROSS SECTION — WEATHER RESISTANT POLYPROPYLENE														
PRT5EH-C100	20.1 (510)	.500 (12.7)	.075 (1.9)	.400 (10.2)	.800 (20.3)	5.00 (127)	90 (400)	Hand Installed		100	1000	—	—	
PRT6EH-C100	22.2 (564)					6.00 (152)				100	1000	—	—	

¹Order the number of pieces required in multiples of package quantities.
All part numbers shown in standard package quantities unless denoted by ‡

PANDUIT® Flame Retardant Nylon 6.6 Cable Ties

PAN-TY® Flame Retardant Nylon 6.6 Cable Ties and Marker Ties

- Flame Retardant Nylon 6.6 meets the requirements of UL94V-0
- Can be used with flame retardant cable tie mounts (see pages 86 and 89)

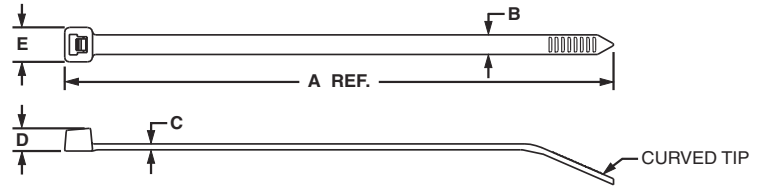


Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Marker Write-on Area in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
										Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.
MINIATURE CROSS SECTION													
PLF1M-M69‡	4.3 (109)	.098 (2.5)	.045 (1.1)	.154 (3.9)	.180 (4.6)	.31 x .75 (7.9 x 19.1)	.87 (22)	18 (80)	GTS, GS2B, PTS, PPTS or STS2	—	—	1000	25000
PLM1M-M69‡	3.9 (99)		.035 (.9)			.26 x .95 (6.6 x 24.1)	.75 (20)			—	—	1000	25000
PLT1M-M69‡	4.0 (102)		.043 (1.1)		.188 (4.8)	—	.87 (22)			—	—	1000	25000
PLT2M-M69‡	8.0 (203)		2.00 (51)				—			—	1000	25000	
INTERMEDIATE CROSS SECTION													
PLT1.5I-M69‡	5.6 (142)	.142 (3.6)	.044 (1.1)	.177 (4.5)	.239 (6.1)	—	1.38 (35)	40 (178)	GTS, GS2B, PTS, PPTS or STS2	—	—	1000	25000
PLT2I-M69‡	8.0 (203)	.142 (3.6)					2.00 (51)			—	1000	25000	
STANDARD CROSS SECTION													
PLT2S-M69‡	7.4 (188)	.190 (4.8)	.052 (1.3)	.220 (5.6)	.320 (8.1)	—	1.88 (48)	50 (222)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	—	—	1000	10000
PLT4S-M69‡	14.5 (368)		.052 (1.3)				.337 (8.6)			4.00 (102)	—	1000	5000
HEAVY CROSS SECTION													
PLT4H-TL69‡	14.6 (371)	.300 (7.6)	.075 (1.9)	.290 (7.4)	.480 (12.2)	—	4.00 (102)	120 (534)	GTH, GS4H, GS4EH, PPTEH or STH2	—	—	250	2500

PANDUIT® Weather Resistant Nylon 12 Cable Ties

PAN-TY® Weather Resistant Nylon 12 Cable Ties

- For high moisture, corrosive environments and low temperatures
- For indoor use or weather resistant applications



Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
									Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.
INTERMEDIATE CROSS SECTION												
PLT1.5I-M120‡	5.6 (142)	.142 (3.6)	.045 (1.1)	.180 (4.6)	.240 (6.1)	1.38 (35)	25 (111)	GTS, GS2B, PTS, PPTS or STS2	—	—	1000	25000
STANDARD CROSS SECTION												
PLT2S-M120‡	7.4 (188)	.190 (4.8)	.052 (1.3)	.220 (5.6)	.316 (8.0)	1.88 (48)	40 (178)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	—	—	1000	10000
PLT4S-M120‡	14.5 (368)				.337 (8.6)	4.00 (102)			—	—	1000	5000
LIGHT-HEAVY CROSS SECTION												
PLT8LH-C120‡	27.6 (701)	.300 (7.6)	.075 (1.9)	.290 (7.4)	.480 (12.2)	8.00 (203)	90 (400)	GTH, GS4H, GS4EH, PPTEH or STH2	—	—	100	2000
HEAVY CROSS SECTION												
PLT4H-TL120‡	14.5 (368)	.300 (7.6)	.075 (1.9)	.290 (7.4)	.480 (12.2)	4.00 (102)	90 (400)	GTH, GS4H, GS4EH, PPTEH or STH2	—	—	250	2500

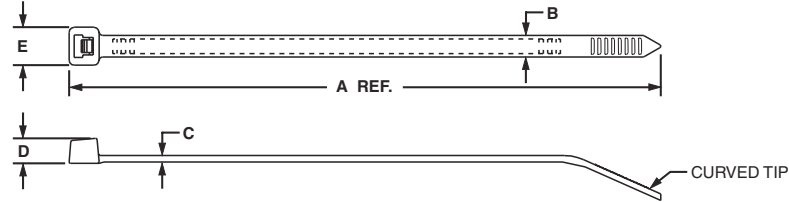
*Order the number of pieces required in multiples of packaging quantities.
All part numbers shown in standard package quantities unless denoted by ‡.

PANDUIT® HALAR** and TEFZEL*** Cable Ties

PAN-TY® HALAR** Fluoropolymer Cable Ties



HALAR** Cable Ties are UL Listed and UL Recognized as: Suitable for use in Air Handling Spaces per NEC, Section 300-22 (c) and (d). Many inspectors look for the distinctive maroon color. HALAR** cable ties have a low smoke density rating and an excellent flammability rating of UL94V-0. Other applications include nuclear plants, chemical environments, telecommunications equipment, aerospace, high and low temperature environments.



Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
									Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.

MINIATURE CROSS SECTION

PLT1M-C702	4.0 (102)	.098 (2.5)	.043 (1.1)	.186 (4.7)	.188 (4.8)	.87 (22)	18 (80)	GTS, GS2B, PTS, PPTS or STS2	100	1000	1000	25000
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STANDARD CROSS SECTION

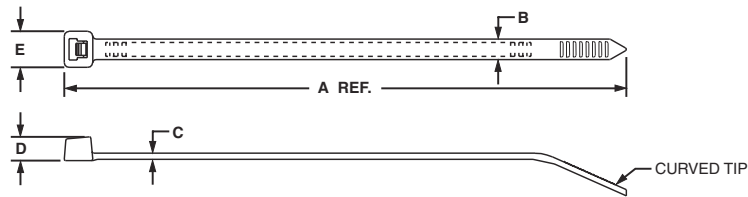
PLT2S-C702	7.4 (188)	.190 (4.8)	.055 (1.4)	.240 (6.1)	.320 (8.1)	1.88 (48)	50 (222)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	100	1000	1000	10000
PLT3S-C702	11.6 (295)		.059 (1.5)			3.00 (76)			100	1000	1000	5000

**HALAR is a registered trademark of Solvay Solexis, Inc.

PAN-TY® TEFZEL*** Fluoropolymer Cable Ties



TEFZEL*** cable ties are ideal for applications requiring resistance to environmental stresses such as chemical attack, gamma radiation, ultraviolet radiation and extreme temperatures. In addition, TEFZEL*** has a UL Flammability rating of UL94V-0. TEFZEL*** ties have a distinctive aqua blue color.



Part Number	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
									Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.

MINIATURE CROSS SECTION

PLT1M-C76	4.0 (102)	.098 (2.5)	.043 (1.1)	.186 (4.7)	.188 (4.8)	.87 (22)	18 (80)	GTS, GS2B, PTS, PPTS or STS2	100	1000	1000	25000
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INTERMEDIATE CROSS SECTION

PLT2I-C76	8.0 (203)	.135 (3.4)	.045 (1.1)	.180 (4.6)	.240 (6.1)	2.00 (51)	25 (111)	GTS, GS2B, PTS, PPTS or STS2	100	1000	1000	10000
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STANDARD CROSS SECTION

PLT2S-C76	7.4 (188)	.190 (4.8)	.055 (1.4)	.240 (6.1)	.320 (8.1)	1.88 (48)	50 (222)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	100	1000	1000	10000
PLT3S-C76	11.6 (295)		3.00 (76)			100			1000	1000	5000	
PLT4S-C76	14.6 (371)		4.00 (102)			100			1000	1000	5000	

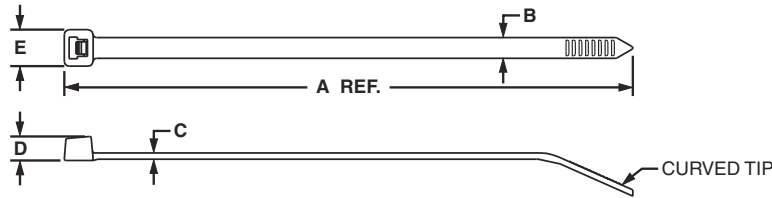
HEAVY CROSS SECTION

PLT3H-L76	11.5 (292)	.300 (7.6)	.075 (1.9)	.360 (9.1)	.480 (12.2)	3.00 (78)	120 (534)	GTH, GS4H, GS4EH, PPTEH or STH2	50	500	250	2500
PLT4H-L76	14.6 (371)					4.00 (102)			50	500	250	2500

***TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.

PAN-TY® Nylon 6.6 Fluorescent Ties

Designed for packaging and color-coding applications. Ties are offered in four “hot” colors: Orange, Yellow, Green and Pink.



Part Number	Color	Length A in. (mm)	Width B in. (mm)	Thickness C in. (mm)	Head Height D in. (mm)	Head Width E in. (mm)	Max. Bundle Dia. in. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part No.	Packaging*			
										Std. Pkg. Qty.	Std. Ctn. Qty.	Bulk Pkg. Qty.	Bulk Ctn. Qty.

MINIATURE CROSS SECTION

PLT1M-M53	Orange	3.9 (99)	.098 (2.5)	.043 (1.1)	.154 (3.9)	.180 (4.6)	.87 (22)	18 (80)	GTS, GTH, GS2B, PTS, PPTS or STS2	—	—	1000	50000
PLT1M-M54	Yellow									—	—	1000	50000
PLT1M-M55	Green									—	—	1000	50000
PLT1M-M59	Pink									—	—	1000	50000

INTERMEDIATE CROSS SECTION

PLT2I-M53	Orange	8.0 (203)	.142 (3.6)	.045 (1.1)	.180 (4.6)	.240 (6.1)	2.00 (51)	30 (133)	GTS, GTH, GS2B, PTS, PPTS or STS2	—	—	1000	25000
PLT2I-M54	Yellow									—	—	1000	25000
PLT2I-M55	Green									—	—	1000	25000
PLT2I-M59	Pink									—	—	1000	25000

STANDARD CROSS SECTION

PLT2S-M53	Orange	7.4 (188)	.190 (4.8)	.052 (1.3)	.220 (5.6)	.316 (8.0)	1.88 (48)	50 (222)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	—	—	1000	10000					
PLT2S-M54	Yellow									—	—	1000	10000					
PLT2S-M55	Green									—	—	1000	10000					
PLT2S-M59	Pink									—	—	1000	10000					
PLT3S-M53	Orange	11.5 (292)				.190 (4.8)	.052 (1.3)			.220 (5.6)	.337 (8.6)	3.00 (76)	50 (222)	GTS, GS2B, GTH, GS4H, PTS, PPTS, STS2 or STH2	—	—	1000	10000
PLT3S-M54	Yellow														—	—	1000	10000
PLT3S-M55	Green														—	—	1000	10000
PLT3S-M59	Pink														—	—	1000	10000

*Order the number of pieces required in multiples of package quantities.
All part numbers shown in standard package quantities unless denoted by ‡.

PANDUIT® Part Number Suffix Codes for All PAN-TY® Cable Ties

Part Number System (Example of PLT2S-C)

PLT

2

S

—

C

Part Description:

P = PANDUIT®
(at beginning of P/N)
L = Locking
T = Tie
C = Clamp
F = Flag
M = Marker
R = Releasable
W = Wing
P = Push Mount
U = Umbrella

Size:

Approximate
Maximum Bundle
Diameter in Inches

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
XMR = 2 reels/5000 ea.

Color:

See Material/Color
chart. Not all ties
available in all colors.

Material/Color Chart

Material/Color	PANDUIT® Suffix*	Mil Spec Suffix**
Nylon 6.6 — Natural (See Note)	✓	9
Weather Resistant Nylon 6.6 — Black	0	N/A
Weather Resistant Nylon 6.6 — Black (meets MIL Spec.)	00	0
Nylon 6.6 — Brown	1	1
Nylon 6.6 — Red	2	2
Nylon 6.6 — Orange	3	3
Nylon 6.6 — Yellow	4	4
Nylon 6.6 — Green	5	5
Nylon 6.6 — Blue	6	6
Nylon 6.6 — Purple	7	7
Nylon 6.6 — Gray	8	8
Nylon 6.6 — White	10	N/A
Nylon 6.6 — Telephone Gray	14	N/A
Nylon 6.6 — Black	20	N/A

Material/Color	PANDUIT® Suffix*	Mil Spec Suffix**
Heat Stabilized Nylon 6.6 — Black	30	N/A
Heat Stabilized Nylon 6.6 — Natural	39	N/A
Nylon 6.6 — Fluorescent Orange	53	N/A
Nylon 6.6 — Fluorescent Yellow	54	N/A
Nylon 6.6 — Fluorescent Green	55	N/A
Nylon 6.6 — Fluorescent Pink	59	N/A
Flame Retardant Nylon 6.6 — Black	60	N/A
Flame Retardant Nylon 6.6 — Ivory	69	N/A
TEFZEL*** — Aqua Blue	76	N/A
Weather Resistant Polypropylene — Black	100	N/A
Natural Polypropylene — Green	109	N/A
Nylon 12 — Black	120	N/A
Heat Stabilized Weather Resistant Nylon 6.6 — Black	300	N/A
HALAR**** — Maroon	702	N/A

*NOTE: ✓ designates PANDUIT® standard Natural Nylon 6.6 color/material. No suffix required in part number.

**NOTE: MIL SPEC Color (suffix) per AS33671 (Formerly MS3367) and SAE AS33681 (Formerly MS3368).

***TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.

****HALAR is a registered trademark of Solvay Solexis, Inc.

Standard Packaging			Bulk Packaging		
Part Number	Natural Nylon 6.6	Available Color/ Material (Suffix)	Part Number	Natural Nylon 6.6	Available Color/ Material (Suffix)
PLC1M-S4-C	✓	0	PLC1M-S4-M	✓	0, 30
PLC1.5I-S8-C	✓	0	PLC1.5I-S8-M	✓	0, 30
PLC2S-S6-C	✓	0	PLC2S-S6-M	✓	0
PLC2S-S10-C	✓	0, 14	PLC2S-S10-M	✓	0, 20, 30
PLC3S-S10-C	✓	0	PLC3S-S10-M	✓	0
PLC4S-S10-C	✓	0	PLC4S-S10-M	✓	0, 30
PLC2H-S25-L	✓		PLC2H-S25-TL	✓	0, 30
PLC4H-S25-L	✓	0	PLC4H-S25-TL	✓	0, 30
PLF1M-C	✓	0	PLF1M-M	✓	0, 2, 3, 4, 6, 10, 69
PLF1MA-C	✓	3, 4	PLF1MA-M	✓	0, 2, 3, 4, 5, 6, 10
PLF1MB-C	✓		PLF1MB-M	✓	
PLM1M-C	✓	0	PLM1M-M	✓	0, 1, 2, 3, 4, 5, 6, 7, 8, 10, 69
PLM2M-C	✓		PLM2M-M	✓	0, 4, 6
PLM2S-C	✓	0, 4	PLM2S-D	✓	0, 2, 3, 4, 5, 6, 8
PLM4S-C	✓		PLM4S-D	✓	0, 2, 4, 6

PANDUIT® Part Number Suffix Codes for All PAN-TY® Cable Ties

Standard Packaging			Bulk Packaging		
Part Number	Natural Nylon 6.6	Available Color/ Material (Suffix)	Part Number	Natural Nylon 6.6	Available Color/ Material (Suffix)
PL2M2S-L	✓	0	PL2M2S-D	✓	0, 4, 10
PL3M2S-L	✓		PL3M2S-D	✓	0, 4
PLP1.5I-C	✓		PLP1.5I-M	✓	0, 30
			PLP1S-M	✓	0, 30
			PLP1.5S-M	✓	
PLP2S-C	✓		PLP2S-M	✓	0, 30
PLT.6SM-C	✓	0	PLT.6SM-M	✓	0, 30
PLT.7M-C	✓		PLT.7M-M	✓	0, 30
PLT1M-C	✓	0, 00, 1, 2, 3, 4, 5, 6, 7, 8, 10, 14, 30, 76, 702	PLT1M-M	✓	0, 00, 1, 2, 3, 4, 5, 6, 7, 8, 10, 14, 20, 30, 53, 54, 55, 59, 60, 69, 76, 100, 109, 300, 702
			PLT1M-XMR	✓	0, 1, 2, 3, 4, 5, 6, 7, 8, 10, 30
PLT1.5M-C	✓	0	PLT1.5M-M	✓	0, 00, 1, 2, 3, 4, 5, 6, 7, 8, 10, 14, 20, 30
			PLT1.5M-XMR	✓	0, 00, 30
PLT2M-C	✓	0	PLT2M-M	✓	0, 1, 2, 3, 4, 5, 6, 7, 8, 10, 20, 30, 69
PLT1.5I-C	✓	0, 1, 2, 3, 4, 5, 6, 7, 8, 10, 20, 30	PLT1.5I-M	✓	0, 00, 1, 2, 3, 4, 5, 6, 7, 8, 10, 20, 30, 69, 100, 109, 120, 300
PLT2I-C	✓	0, 14, 30, 76	PLT2I-M	✓	0, 1, 2, 3, 4, 5, 6, 7, 8, 10, 14, 20, 30, 53, 54, 55, 59, 69, 76, 300
PLT2.5I-C	✓	0	PLT2.5I-M	✓	0, 20
PLT3I-C	✓	0, 14	PLT3I-M	✓	0, 2, 3, 4, 5, 6, 8, 10, 14, 20, 30
PLT4I-C	✓	0, 14	PLT4I-M	✓	0, 2, 5, 6, 14, 20, 30
PLT1S-C	✓	0	PLT1S-M	✓	0, 30, 38, 300
PLT1.5S-C	✓	0	PLT1.5S-M	✓	0, 30
PLT2S-C	✓	0, 00, 1, 2, 3, 4, 5, 6, 7, 8, 10, 20, 30, 76, 702	PLT2S-M	✓	0, 00, 1, 2, 3, 4, 5, 6, 7, 8, 10, 20, 30, 38, 39, 53, 54, 55, 59, 60, 69, 76, 100, 109, 120, 300, 702
PLT2.5S-C	✓	0	PLT2.5S-M	✓	0, 30
PLT3S-C	✓	0, 00, 2, 20, 30, 76, 702	PLT3S-M	✓	0, 00, 1, 2, 3, 4, 5, 6, 7, 8, 10, 20, 30, 53, 54, 55, 59, 76, 100, 109, 702
PLT4S-C	✓	0, 00, 2, 3, 4, 5, 6, 8, 20, 30, 76	PLT4S-M	✓	0, 00, 1, 2, 3, 4, 5, 6, 7, 8, 10, 14, 20, 30, 69, 76, 100, 109, 120, 300
PLT4.5S-C	✓	0	PLT4.5S-M	✓	0
PLT5S-C	✓	0	PLT5S-M	✓	0, 2, 3, 4, 5, 6, 8, 30
PLT6LH-L	✓	0	PLT6LH-C	✓	0
PLT7LH-L	✓	0	PLT7LH-C	✓	0, 30
PLT8LH-L	✓	0	PLT8LH-C	✓	0, 120
PLT8LH-Q		0			
PLT9LH-L	✓	0	PLT9LH-C	✓	0, 30
PLT10LH-L	✓		PLT10LH-C	✓	
PLT2H-L	✓	0	PLT2H-TL	✓	0, 2, 4, 6, 30, 100, 109, 300
PLT2.5H-L	✓	0	PLT2.5H-TL	✓	0
PLT3H-L	✓	0, 76	PLT3H-TL	✓	0, 30, 76, 100, 109
PLT4H-L	✓	0, 00, 76	PLT4H-TL	✓	0, 00, 1, 2, 3, 4, 5, 6, 10, 20, 30, 69, 76, 100, 109, 120, 300
PLT4H-C	✓	0			
PLT5H-L	✓	0	PLT5H-C	✓	0, 30
PLT6H-L	✓	0	PLT6H-C	✓	0, 30
PLT8H-Q		0	PLT8H-C	✓	0, 00, 30
PLT8H-L	✓	0			
PLT13H-Q	✓	0	PLT13H-C	✓	0, 3
PLT2EH-Q		0	PLT2EH-C	✓	0