



PLT2I-C30



- For high temperature applications up to 239°F (115°C) – indoor use
- One-piece construction for consistent performance and reliability
- Lowest threading force of any one-piece cable tie in the industry
- Curved tip design on Miniature to Standard cross sections is easy to pick up from flat surfaces and allows faster initial threading to speed installation

■ Part Number	PLT2I-C30
■ RoHS Compliancy Status	Compliant
■ Part Description	Cable Tie, 8.0", Intermediate cross section
■ Product Type	Cable Ties
■ Material	Heat Stabilized Nylon 6.6
■ Color	Black
■ CSA Certified	Yes
■ UL Listed (File #E56854)	Yes
■ UL Recognized (File #E56854)	Yes
■ Length (In.)	8.0
■ Length (mm)	203
■ Width (In.)	.142
■ Width (mm)	3.6
■ CE Compliant	Yes
■ Cross Section	Intermediate
■ Head Height (In.)	.180
■ Head Height (mm)	4.6
■ Head Width (In.)	.240
■ Head Width (mm)	6.1
■ Locking Style	Locking
■ Material Flammability Rating	UL 94V-2
■ Max. Bundle Diameter (In.)	2.00
■ Max. Bundle Diameter (mm)	51
■ Max. Continuous Use Temperature	239°F (115°C)
■ Min. Loop Tensile Strength (Lbs.)	40
■ Min. Loop Tensile Strength (N)	178

■ Pricing Description	Cable Tie, 8.0"L (203mm), Intermediate, Heat Stabilized, Black
■ Thickness (In.)	.045
■ Thickness (mm)	1.1
■ Tool	GTS, GTSL, GS2B, PTS, PPTS, STS2
■ Min. Order UOM	PC
■ Min. Order Qty.	100
■ BOM Qty. (# of Pkgs.)	

Figure 1 is a dimensional drawing of a probe tip. It shows two views: a top view and a side view. The top view shows a cylindrical probe body with a square feature on the left and a conical tip on the right. Dimensions include 'E' for the total height, 'B ± .01 (.25)' for the tip diameter, and 'F REF.' for the length from the square feature to the tip. The side view shows the profile of the tip, with 'D' for the base diameter, 'C REF. THEORETICAL POINT' for the start of the tip profile, and 'A ± .01 (.25)' for the tip height. Two tip types are shown: 'STRAIGHT TIP' and 'CURVED TIP'.

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)

*2) SEE CURRENT PRICE SHEET FOR PART NUMBER SUFFIX DESIGNATION FOR PACKAGE SIZE & PART COLOR.

SS_5540_31.PRT

DIMENSIONS IN PARENTHESES ARE IN METRIC UNITS

										PANDUIT CORP. TINLEY PARK, ILLINOIS				
										PAN-TY CABLE TIES PLT SERIES				
										UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: (.X) ± .020(.51) (.XX) ± .02(.51) ANGLES ± .020(.51)			UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE GIVEN IN INCHES, THIRD ANGLE PROJECTION.	
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31	9/9/04	ERW		CORRECTED METRIC CONVERSIONS	5540	31				DATE 12-27-84			DRAWING NO. SS-5540 SHEET 1	
30	2/12/03	JABO		CORRECTED PLT2M/2I 2.00 BUNDLE DIA (mm) TO (51)	5540	30				CHK'D HVP				
REV	DATE	BY	CHK	DESCRIPTION	ECN	- R	CUST	SUP						