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Features and Benefits – **PAN-STEEL®** Cable Ties

PANDUIT® **PAN-STEEL®** Stainless Steel Ties are engineered for safety, productivity, and durability by providing round edges and smooth surfaces, easy threading, high loop tensile strength and tight clamping.

Self-Locking Head Construction*

Aggressive locking head
Quicker locking,
tighter installation

Lead in design
Wider entrance for
easier threading

**Innovative
displacement lock**
Assures superior
locking strength

Unique locking ramp
Assures locking in
any position

Strengthening ribs
Stronger head increases
lock strength

Extended retaining tab
Increases overall tie strength

*Patents applied for

Fully Rounded Edges



PANDUIT tie body



**Other manufacturer's
tie body**

The **PAN-STEEL®** Stainless Steel Cable Tie features fully rounded edges to assure bundle protection and operator safety. **PANDUIT** not only removes the burr, but actually passes the material through a secondary process which removes the top and bottom corners of the material.

Self-Locking for Fast Installation



Self-locking design can be fastened by hand requiring no fold over or additional installation steps.



PAN-STEEL® Installation Tools for adjustable tension control and automatic cut-off for quick, consistent, and secure installation.



Large selection of installation tools, the proper tool available to meet the requirements of every application. See pages B3.14 – B3.16.



PAN-STEEL® System Accessories are used with **PAN-STEEL®** Stainless Steel Cable Ties to speed and simplify the mounting of wires, cables, and tubing. Installation methods include screw mounts and push mounts. See pages B3.26 – B3.29.



PAN-STEEL® Permanent Identification Solutions are designed for use with **PANDUIT® PAN-STEEL®** Stainless Cable Ties and **PAN-ALUM™** Aluminum Cable Ties for quick and easy on-demand identification in harsh environments. See pages E4.1 – E4.6.

Part Number System for *PAN-STEEL®* Cable Ties

MLT	6	S	—	CP	
Type	Bundle Diameter Reference (In.)	Cross Section		Standard Package Size	Material
MLT = Metal Locking Tie		S = Standard		Q = 25	
		LH = Light Heavy		L* = 50	(blank) = 304
		H = Heavy		LP** = 50	316 = 316
		EH = Extra-Heavy		CP = 100	
		EH-15 = Extra-Heavy-15		*Standard Cross Section	
		SH = Super-Heavy		**Heavy Cross Section	



PAN-STEEL® Self-Locking Cable Ties – MLT Series

- Self-locking head design speeds installation and locks into place at any length along the tie body
- Provides a strong, durable method of cable bundling
- Can be used in a wide range of indoor, outdoor, and underground (including direct burial) applications
- Smooth surfaces and rounded edges assures cable protection and worker safety
- Available in AISI 304 stainless steel for general-purpose applications
- Available in AISI 316 stainless steel for the most corrosive environments



Part Number	Max. Bundle Diameter		Length*		Min. Loop Tensile Strength**		Min. Bundle Diameter		Width		Thickness		Recommended Installation Tool***	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	Lbs.	N	In.	mm	In.	mm	In.	mm			
MLT1S-CP	1.0	25	5.0	127	200	890	.50	12.7	.18	4.6	.010	.25	GS4MT, HTMT, PPTMT, ST2MT	100	500
MLT2S-CP	2.0	51	7.9	201	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT2S-L	2.0	51	7.9	201	200	890	.50	12.7	.18	4.6	.010	.25		50	500
MLT2.7S-CP	2.7	69	10.2	259	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT4S-CP	4.0	102	14.3	362	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT4S-L	4.0	102	14.3	362	200	890	.50	12.7	.18	4.6	.010	.25		50	500
MLT6S-CP	6.0	152	20.5	521	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT8S-CP	8.0	203	26.8	679	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT10S-CP	10.0	254	33.0	838	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT12S-Q	12.0	304	39.3	998	200	890	.50	12.7	.18	4.6	.010	.25		25	125
MLT14S-Q	14.0	355	45.5	1156	200	890	.50	12.7	.18	4.6	.010	.25		25	125
MLT15S-Q	15.0	380	49.2	1250	200	890	.50	12.7	.18	4.6	.010	.25		25	125

*Other lengths available, contact *PANDUIT* Customer Service.

**Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.32.

***For information on installation tools, refer to pages B3.14 – B3.16.

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PANDUIT® ELECTRICAL SOLUTIONS

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PAN-STEEL® Self-Locking Cable Ties – MLT Series (continued)

Part Number	Max. Bundle Diameter		Length*		Min. Loop Tensile Strength**		Min. Bundle Diameter		Width		Thickness		Recommended Installation Tool***	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	Lbs.	N	In.	mm	In.	mm	In.	mm			

Light-Heavy Cross Section

MLT2LH-LP	2.0	51	7.9	201	250	1112	.50	12.7	.25	6.4	.010	.25	GS4MT, HTMT, PPTMT, ST2MT	50	250
MLT4LH-LP	4.0	102	14.3	362	250	1112	.50	12.7	.25	6.4	.010	.25		50	250
MLT6LH-LP	6.0	152	20.5	521	250	1112	.50	12.7	.25	6.4	.010	.25		50	250
MLT8LH-LP	8.0	203	26.8	679	250	1112	.50	12.7	.25	6.4	.010	.25		50	250

Heavy Cross Section

MLT2H-LP	2.0	51	7.9	201	450	2000	.50	12.7	.31	7.9	.010	.25	GS4MT, HTMT, PPTMT, ST2MT	50	250
MLT2.7H-LP	2.7	69	10.2	259	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT4H-LP	4.0	102	14.3	362	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT6H-LP	6.0	152	20.5	521	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT8H-LP	8.0	203	26.8	679	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT10H-LP	10.0	254	33.0	838	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT12H-Q	12.0	304	39.3	998	450	2000	.50	12.7	.31	7.9	.010	.25		25	125
MLT14H-Q	14.0	355	45.5	1156	450	2000	.50	12.7	.31	7.9	.010	.25		25	125

Extra-Heavy Cross Section

MLT4EH-LP	4.0	102	17.1	434	600	2670	1.0	25.4	.50	12.7	.010	.25	ST2MT, RT1HT, RT1HTN	50	250
MLT6EH-LP	6.0	152	23.4	594	600	2670	1.0	25.4	.50	12.7	.010	.25		50	250
MLT8EH-LP	8.0	203	29.7	754	600	2670	1.0	25.4	.50	12.7	.010	.25		50	250
MLT10EH-LP	10.0	254	35.9	912	600	2670	1.0	25.4	.50	12.7	.010	.25		50	250
MLT12EH-Q	12.0	305	42.2	1072	600	2670	1.0	25.4	.50	12.7	.010	.25		25	125
MLT4EH15-LP	4.0	102	17.1	434	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MLT6EH15-LP	6.0	152	23.4	594	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MLT8EH15-LP	8.0	203	29.7	754	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MLT10EH15-LP	10.0	254	35.9	912	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MLT12EH15-Q	12.0	305	42.2	1072	700	3115	1.0	25.4	.50	12.7	.015	.38		25	125

Super-Heavy Cross Section

MLT4SH-LP	4.0	102	17.1	434	900	4005	1.0	25.4	.63	15.9	.015	.38	RT1HT, RT1HTN	50	250
MLT6SH-LP	6.0	152	23.4	594	900	4005	1.0	25.4	.63	15.9	.015	.38		50	250
MLT8SH-LP	8.0	203	29.7	754	900	4005	1.0	25.4	.63	15.9	.015	.38		50	250
MLT10SH-LP	10.0	254	35.9	912	900	4005	1.0	25.4	.63	15.9	.015	.38		50	250
MLT12SH-Q	12.0	305	42.2	1072	900	4005	1.0	25.4	.63	15.9	.015	.38		25	125

AISI 316 Stainless Steel – For Superior Corrosion Resistance

Standard Cross Section

MLT1S-CP316	1.0	25	5.0	127	200	890	.50	12.7	.18	4.6	.010	.25	GS4MT, HTMT, PPTMT, ST2MT	100	500
MLT2S-CP316	2.0	51	7.9	201	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT2.7S-CP316	2.7	69	10.2	259	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT4S-CP316	4.0	102	14.3	362	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT6S-CP316	6.0	152	20.5	521	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT8S-CP316	8.0	203	26.8	679	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT10S-CP316	10.0	254	33.0	838	200	890	.50	12.7	.18	4.6	.010	.25		100	500

Light-Heavy Cross Section

MLT2LH-LP316	2.0	51	7.9	201	250	1112	.50	12.7	.25	6.4	.010	.25	GS4MT, HTMT, PPTMT, ST2MT	50	250
MLT4LH-LP316	4.0	102	14.3	362	250	1112	.50	12.7	.25	6.4	.010	.25		50	250
MLT6LH-LP316	6.0	152	20.5	521	250	1112	.50	12.7	.25	6.4	.010	.25		50	250
MLT8LH-LP316	8.0	203	26.8	679	250	1112	.50	12.7	.25	6.4	.010	.25		50	250

*Other lengths available, contact PANDUIT Customer Service.

**Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.32.

***For information on installation tools, refer to pages B3.14 – B3.16.



PAN-STEEL® Self-Locking Cable Ties – MLT Series (continued)

	Max. Bundle Diameter		Length*		Min. Loop Tensile Strength**		Min. Bundle Diameter		Width		Thickness		Recommended Installation Tool***	Std. Pkg. Qty.	Std. Ctn. Qty.
Part Number	In.	mm	In.	mm	Lbs.	N	In.	mm	In.	mm	In.	mm			
Heavy Cross Section															
MLT2H-LP316	2.0	51	7.9	201	450	2000	.50	12.7	.31	7.9	.010	.25	GS4MT, HTMT, PPTMT, ST2MT	50	250
MLT2.7H-LP316	2.7	69	10.2	259	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT4H-LP316	4.0	102	14.3	362	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT6H-LP316	6.0	152	20.5	521	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT8H-LP316	8.0	203	26.8	679	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT10H-LP316	10.0	254	33.0	838	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
Extra-Heavy Cross Section															
MLT4EH-LP316	4.0	102	17.1	434	600	2670	1.0	25.4	.50	12.7	.010	.25	ST2MT, RT1HT, RT1HTN	50	250
MLT6EH-LP316	6.0	152	23.4	594	600	2670	1.0	25.4	.50	12.7	.010	.25		50	250
MLT8EH-LP316	8.0	203	29.7	754	600	2670	1.0	25.4	.50	12.7	.010	.25		50	250
MLT4EH15-LP316	4.0	102	17.1	434	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MLT6EH15-LP316	6.0	152	23.4	594	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MLT8EH15-LP316	8.0	203	29.7	754	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
Super-Heavy Cross Section															
MLT4SH-LP316	4.0	102	17.1	434	900	4005	1.0	25.4	.63	16.0	.015	.38	RT1HT, RT1HTN	50	250
MLT6SH-LP316	6.0	152	23.4	594	900	4005	1.0	25.4	.63	16.0	.015	.38		50	250
MLT8SH-LP316	8.0	203	29.7	754	900	4005	1.0	25.4	.63	16.0	.015	.38		50	250

*Other lengths available, contact *PANDUIT* Customer Service.

**Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.32.

***For information on installation tools, refer to pages B3.14 – B3.16.

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