



# THE DATASHEET OF MLT2S-CP

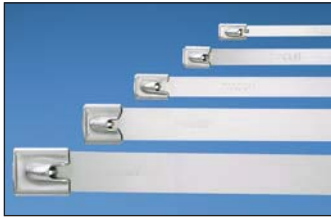


## Part Number System for Pan-Steel® Cable Ties

<b>MLT</b>	<b>6</b>	<b>S</b>	—	<b>CP</b>	
Type	Bundle Diameter Reference (In.)	Cross Section		Standard Package Size	Material
MLT = Metal Locking Tie		S = Standard LH = Light Heavy H = Heavy EH = Extra-Heavy EH15 = Extra-Heavy-15 SH = Super-Heavy		Q = 25 L* = 50 LP** = 50 CP = 100 *Standard Cross Section **Heavy Cross Section	(blank) = 304 316 = 316

### 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			

#### AISI 304 Stainless Steel – For General Purpose

##### Standard Cross Section

<b>MLT1S-CP</b>	1.0	25	5.0	127	200	890	0.50	12.7	0.18	4.6	0.010	0.25	GS4MT, HTMT, PPTMT, ST2MT	100	500
<b>MLT2S-CP</b>	2.0	51	7.9	201	200	890	0.50	12.7	0.18	4.6	0.010	0.25		100	500
<b>MLT2S-L</b>	2.0	51	7.9	201	200	890	0.50	12.7	0.18	4.6	0.010	0.25		50	500
<b>MLT2.7S-CP</b>	2.7	69	10.2	259	200	890	0.50	12.7	0.18	4.6	0.010	0.25		100	500
<b>MLT4S-CP</b>	4.0	102	14.3	362	200	890	0.50	12.7	0.18	4.6	0.010	0.25		100	500
<b>MLT4S-L</b>	4.0	102	14.3	362	200	890	0.50	12.7	0.18	4.6	0.010	0.25		50	500
<b>MLT6S-CP</b>	6.0	152	20.5	521	200	890	0.50	12.7	0.18	4.6	0.010	0.25		100	500
<b>MLT8S-CP</b>	8.0	203	26.8	679	200	890	0.50	12.7	0.18	4.6	0.010	0.25		100	500
<b>MLT10S-CP</b>	10.0	254	33.0	838	200	890	0.50	12.7	0.18	4.6	0.010	0.25		100	500
<b>MLT12S-Q</b>	12.0	304	39.3	998	200	890	0.50	12.7	0.18	4.6	0.010	0.25		25	125
<b>MLT14S-Q</b>	14.0	355	45.5	1156	200	890	0.50	12.7	0.18	4.6	0.010	0.25		25	125
<b>MLT15S-Q</b>	15.0	380	49.2	1250	200	890	0.50	12.7	0.18	4.6	0.010	0.25		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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A. System Overview



## Pan-Steel® Self-Locking Cable Ties – MLT Series (continued)

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

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

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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				
<b>Light-Heavy Cross Section</b>																
<b>MLT2LH-LP</b>	2.0	51	7.9	201	250	1112	0.50	12.7	0.25	6.4	0.010	0.25	GS4MT, HTMT, PPTMT, ST2MT	50	250	
<b>MLT4LH-LP</b>	4.0	102	14.3	362	250	1112	0.50	12.7	0.25	6.4	0.010	0.25		50	250	
<b>MLT6LH-LP</b>	6.0	152	20.5	521	250	1112	0.50	12.7	0.25	6.4	0.010	0.25		50	250	
<b>MLT8LH-LP</b>	8.0	203	26.8	679	250	1112	0.50	12.7	0.25	6.4	0.010	0.25		50	250	
<b>Heavy Cross Section</b>																
<b>MLT2H-LP</b>	2.0	51	7.9	201	450	2000	0.50	12.7	0.31	7.9	0.010	0.25	GS4MT, ST2MT, HTMT, PPTMT, PBTMT	50	250	
<b>MLT2.7H-LP</b>	2.7	69	10.2	259	450	2000	0.50	12.7	0.31	7.9	0.010	0.25		50	250	
<b>MLT4H-LP</b>	4.0	102	14.3	362	450	2000	0.50	12.7	0.31	7.9	0.010	0.25		50	250	
<b>MLT6H-LP</b>	6.0	152	20.5	521	450	2000	0.50	12.7	0.31	7.9	0.010	0.25		50	250	
<b>MLT8H-LP</b>	8.0	203	26.8	679	450	2000	0.50	12.7	0.31	7.9	0.010	0.25		50	250	
<b>MLT10H-LP</b>	10.0	254	33.0	838	450	2000	0.50	12.7	0.31	7.9	0.010	0.25		50	250	
<b>MLT12H-Q</b>	12.0	304	39.3	998	450	2000	0.50	12.7	0.31	7.9	0.010	0.25		25	125	
<b>MLT14H-Q</b>	14.0	355	45.5	1156	450	2000	0.50	12.7	0.31	7.9	0.010	0.25		25	125	
<b>Extra-Heavy Cross Section</b>																
<b>MLT4EH-LP</b>	4.0	102	17.1	434	600	2670	1.00	25.4	0.50	12.7	0.010	0.25		ST2MT, RT2HT, RT2HTN, PBTMT	50	250
<b>MLT6EH-LP</b>	6.0	152	23.4	594	600	2670	1.00	25.4	0.50	12.7	0.010	0.25	50		250	
<b>MLT8EH-LP</b>	8.0	203	29.7	754	600	2670	1.00	25.4	0.50	12.7	0.010	0.25	50		250	
<b>MLT10EH-LP</b>	10.0	254	35.9	912	600	2670	1.00	25.4	0.50	12.7	0.010	0.25	50		250	
<b>MLT12EH-Q</b>	12.0	305	42.2	1072	600	2670	1.00	25.4	0.50	12.7	0.010	0.25	25		125	
<b>MLT4EH15-LP</b>	4.0	102	17.1	434	700	3115	1.00	25.4	0.50	12.7	0.015	0.38	50		250	
<b>MLT6EH15-LP</b>	6.0	152	23.4	594	700	3115	1.00	25.4	0.50	12.7	0.015	0.38	50		250	
<b>MLT8EH15-LP</b>	8.0	203	29.7	754	700	3115	1.00	25.4	0.50	12.7	0.015	0.38	50		250	
<b>MLT10EH15-LP</b>	10.0	254	35.9	912	700	3115	1.00	25.4	0.50	12.7	0.015	0.38	50		250	
<b>MLT12EH15-Q</b>	12.0	305	42.2	1072	700	3115	1.00	25.4	0.50	12.7	0.015	0.38	25		125	
<b>Super-Heavy Cross Section</b>																
<b>MLT4SH-LP</b>	4.0	102	17.1	434	900	4005	1.00	25.4	0.63	15.9	0.015	0.38	RT2HT, RT2HTN, PBTMT	50	250	
<b>MLT6SH-LP</b>	6.0	152	23.4	594	900	4005	1.00	25.4	0.63	15.9	0.015	0.38		50	250	
<b>MLT8SH-LP</b>	8.0	203	29.7	754	900	4005	1.00	25.4	0.63	15.9	0.015	0.38		50	250	
<b>MLT10SH-LP</b>	10.0	254	35.9	912	900	4005	1.00	25.4	0.63	15.9	0.015	0.38		50	250	
<b>MLT12SH-Q</b>	12.0	305	42.2	1072	900	4005	1.00	25.4	0.63	15.9	0.015	0.38		25	125	
<b>AISI 316 Stainless Steel – For Superior Corrosion Resistance</b>																
<b>Standard Cross Section</b>																
<b>MLT1S-CP316</b>	1.0	25	5.0	127	200	890	0.50	12.7	0.18	4.6	0.010	0.25	GS4MT, HTMT, PPTMT, ST2MT	100	500	
<b>MLT2S-CP316</b>	2.0	51	7.9	201	200	890	0.50	12.7	0.18	4.6	0.010	0.25		100	500	
<b>MLT2.7S-CP316</b>	2.7	69	10.2	259	200	890	0.50	12.7	0.18	4.6	0.010	0.25		100	500	
<b>MLT4S-CP316</b>	4.0	102	14.3	362	200	890	0.50	12.7	0.18	4.6	0.010	0.25		100	500	
<b>MLT6S-CP316</b>	6.0	152	20.5	521	200	890	0.50	12.7	0.18	4.6	0.010	0.25		100	500	
<b>MLT8S-CP316</b>	8.0	203	26.8	679	200	890	0.50	12.7	0.18	4.6	0.010	0.25		100	500	
<b>MLT10S-CP316</b>	10.0	254	33.0	838	200	890	0.50	12.7	0.18	4.6	0.010	0.25	100	500		
<b>Light-Heavy Cross Section</b>																
<b>MLT2LH-LP316</b>	2.0	51	7.9	201	250	1112	0.50	12.7	0.25	6.4	0.010	0.25	GS4MT, HTMT, PPTMT, ST2MT	50	250	
<b>MLT4LH-LP316</b>	4.0	102	14.3	362	250	1112	0.50	12.7	0.25	6.4	0.010	0.25		50	250	
<b>MLT6LH-LP316</b>	6.0	152	20.5	521	250	1112	0.50	12.7	0.25	6.4	0.010	0.25		50	250	
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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			
<b>Heavy Cross Section</b>															
MLT2H-LP316	2.0	51	7.9	201	450	2000	0.50	12.7	0.31	7.9	0.010	0.25	GS4MT, ST2MT, HTMT, PPTMT, PBTMT	50	250
MLT2.7H-LP316	2.7	69	10.2	259	450	2000	0.50	12.7	0.31	7.9	0.010	0.25		50	250
MLT4H-LP316	4.0	102	14.3	362	450	2000	0.50	12.7	0.31	7.9	0.010	0.25		50	250
MLT6H-LP316	6.0	152	20.5	521	450	2000	0.50	12.7	0.31	7.9	0.010	0.25		50	250
MLT8H-LP316	8.0	203	26.8	679	450	2000	0.50	12.7	0.31	7.9	0.010	0.25		50	250
MLT10H-LP316	10.0	254	33.0	838	450	2000	0.50	12.7	0.31	7.9	0.010	0.25		50	250
<b>Extra-Heavy Cross Section</b>															
MLT4EH-LP316	4.0	102	17.1	434	600	2670	1.00	25.4	0.50	12.7	0.010	0.25	ST2MT, RT2HT, RT2HTN, PBTMT	50	250
MLT6EH-LP316	6.0	152	23.4	594	600	2670	1.00	25.4	0.50	12.7	0.010	0.25		50	250
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MLT4SH-LP316	4.0	102	17.1	434	900	4005	1.00	25.4	0.63	15.9	0.015	0.38	RT2HT, RT2HTN, PBTMT	50	250
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