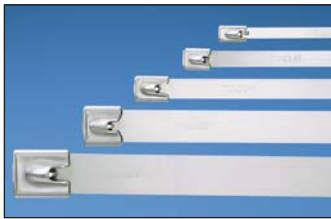


## Part Number System for Pan-Steel® Cable Ties – MLT Series

|                         |                                 |  |   |  |                            |
|-------------------------|---------------------------------|--|---|--|----------------------------|
| <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<br>LH = Light Heavy<br>H = Heavy<br>EH = Extra-Heavy<br>EH15 = Extra-Heavy-15<br>SH = Super-Heavy |   | Q = 25<br>L* = 50<br>LP** = 50<br>CP = 100<br>*Standard Cross Section<br>**Heavy Cross Section | (blank) = 304<br>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.

Table continued on page B3.6

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

F. Index

| 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>                                    |                      |     |         |      |                              |      |                      |      |       |      |           |      |                                  |                             |                |     |
| MLT2LH-LP   | 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            |     |
| MLT4LH-LP   | 4.0                  | 102 | 14.3    | 362  | 250                          | 1112 | 0.50                 | 12.7 | 0.25  | 6.4  | 0.010     | 0.25 |                                  | 50                          | 250            |     |
| MLT6LH-LP   | 6.0                  | 152 | 20.5    | 521  | 250                          | 1112 | 0.50                 | 12.7 | 0.25  | 6.4  | 0.010     | 0.25 |                                  | 50                          | 250            |     |
| MLT8LH-LP   | 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>  |                      |     |         |      |                              |      |                      |      |       |      |           |      |                                  |                             |                |     |
| MLT2H-LP  | 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-LP  | 2.7                  | 69  | 10.2    | 259  | 450                          | 2000 | 0.50                 | 12.7 | 0.31  | 7.9  | 0.010     | 0.25 |                                  | 50                          | 250            |     |
| MLT4H-LP  | 4.0                  | 102 | 14.3    | 362  | 450                          | 2000 | 0.50                 | 12.7 | 0.31  | 7.9  | 0.010     | 0.25 |                                  | 50                          | 250            |     |
| MLT6H-LP  | 6.0                  | 152 | 20.5    | 521  | 450                          | 2000 | 0.50                 | 12.7 | 0.31  | 7.9  | 0.010     | 0.25 |                                  | 50                          | 250            |     |
| MLT8H-LP  | 8.0                  | 203 | 26.8    | 679  | 450                          | 2000 | 0.50                 | 12.7 | 0.31  | 7.9  | 0.010     | 0.25 |                                  | 50                          | 250            |     |
| MLT10H-LP   | 10.0                 | 254 | 33.0    | 838  | 450                          | 2000 | 0.50                 | 12.7 | 0.31  | 7.9  | 0.010     | 0.25 |                                  | 50                          | 250            |     |
| MLT12H-Q  | 12.0                 | 304 | 39.3    | 998  | 450                          | 2000 | 0.50                 | 12.7 | 0.31  | 7.9  | 0.010     | 0.25 |                                  | 25                          | 125            |     |
| MLT14H-Q  | 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>                                    |                      |     |         |      |                              |      |                      |      |       |      |           |      |                                  |                             |                |     |
| MLT4EH-LP   | 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-LP   | 6.0                  | 152 | 23.4    | 594  | 600                          | 2670 | 1.00                 | 25.4 | 0.50  | 12.7 | 0.010     | 0.25 | 50                               |                             | 250            |     |
| MLT8EH-LP   | 8.0                  | 203 | 29.7    | 754  | 600                          | 2670 | 1.00                 | 25.4 | 0.50  | 12.7 | 0.010     | 0.25 | 50                               |                             | 250            |     |
| MLT10EH-LP  | 10.0                 | 254 | 35.9    | 912  | 600                          | 2670 | 1.00                 | 25.4 | 0.50  | 12.7 | 0.010     | 0.25 | 50                               |                             | 250            |     |
| MLT12EH-Q   | 12.0                 | 305 | 42.2    | 1072 | 600                          | 2670 | 1.00                 | 25.4 | 0.50  | 12.7 | 0.010     | 0.25 | 25                               |                             | 125            |     |
| MLT4EH15-LP   | 4.0                  | 102 | 17.1    | 434  | 700                          | 3115 | 1.00                 | 25.4 | 0.50  | 12.7 | 0.015     | 0.38 | 50                               |                             | 250            |     |
| MLT6EH15-LP   | 6.0                  | 152 | 23.4    | 594  | 700                          | 3115 | 1.00                 | 25.4 | 0.50  | 12.7 | 0.015     | 0.38 | 50                               |                             | 250            |     |
| MLT8EH15-LP   | 8.0                  | 203 | 29.7    | 754  | 700                          | 3115 | 1.00                 | 25.4 | 0.50  | 12.7 | 0.015     | 0.38 | 50                               |                             | 250            |     |
| MLT10EH15-LP  | 10.0                 | 254 | 35.9    | 912  | 700                          | 3115 | 1.00                 | 25.4 | 0.50  | 12.7 | 0.015     | 0.38 | 50                               |                             | 250            |     |
| MLT12EH15-Q   | 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>                                    |                      |     |         |      |                              |      |                      |      |       |      |           |      |                                  |                             |                |     |
| MLT4SH-LP   | 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            |     |
| MLT6SH-LP   | 6.0                  | 152 | 23.4    | 594  | 900                          | 4005 | 1.00                 | 25.4 | 0.63  | 15.9 | 0.015     | 0.38 |                                  | 50                          | 250            |     |
| MLT8SH-LP   | 8.0                  | 203 | 29.7    | 754  | 900                          | 4005 | 1.00                 | 25.4 | 0.63  | 15.9 | 0.015     | 0.38 |                                  | 50                          | 250            |     |
| MLT10SH-LP  | 10.0                 | 254 | 35.9    | 912  | 900                          | 4005 | 1.00                 | 25.4 | 0.63  | 15.9 | 0.015     | 0.38 |                                  | 50                          | 250            |     |
| MLT12SH-Q   | 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>                                       |                      |     |         |      |                              |      |                      |      |       |      |           |      |                                  |                             |                |     |
| MLT1S-CP316   | 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            |     |
| MLT2S-CP316   | 2.0                  | 51  | 7.9     | 201  | 200                          | 890  | 0.50                 | 12.7 | 0.18  | 4.6  | 0.010     | 0.25 |                                  | 100                         | 500            |     |
| MLT2.7S-CP316   | 2.7                  | 69  | 10.2    | 259  | 200                          | 890  | 0.50                 | 12.7 | 0.18  | 4.6  | 0.010     | 0.25 |                                  | 100                         | 500            |     |
| MLT4S-CP316   | 4.0                  | 102 | 14.3    | 362  | 200                          | 890  | 0.50                 | 12.7 | 0.18  | 4.6  | 0.010     | 0.25 |                                  | 100                         | 500            |     |
| MLT6S-CP316   | 6.0                  | 152 | 20.5    | 521  | 200                          | 890  | 0.50                 | 12.7 | 0.18  | 4.6  | 0.010     | 0.25 |                                  | 100                         | 500            |     |
| MLT8S-CP316   | 8.0                  | 203 | 26.8    | 679  | 200                          | 890  | 0.50                 | 12.7 | 0.18  | 4.6  | 0.010     | 0.25 |                                  | 100                         | 500            |     |
| MLT10S-CP316  | 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>                                    |                      |     |         |      |                              |      |                      |      |       |      |           |      |                                  |                             |                |     |
| MLT2LH-LP316  | 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            |     |
| MLT4LH-LP316  | 4.0                  | 102 | 14.3    | 362  | 250                          | 1112 | 0.50                 | 12.7 | 0.25  | 6.4  | 0.010     | 0.25 |                                  | 50                          | 250            |     |
| MLT6LH-LP316  | 6.0                  | 152 | 20.5    | 521  | 250                          | 1112 | 0.50                 | 12.7 | 0.25  | 6.4  | 0.010     | 0.25 |                                  | 50                          | 250            |     |
| MLT8LH-LP316  | 8.0                  | 203 | 26.8    | 679  | 250                          | 1112 | 0.50                 | 12.7 | 0.25  | 6.4  | 0.010     | 0.25 |                                  | 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)

| 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            |
| MLT8EH-LP316                     | 8.0                  | 203 | 29.7    | 754 | 600                          | 2670 | 1.00                 | 25.4 | 0.50  | 12.7 | 0.010     | 0.25 |                                  | 50             | 250            |
| MLT4EH15-LP316                   | 4.0                  | 102 | 17.1    | 434 | 700                          | 3115 | 1.00                 | 25.4 | 0.50  | 12.7 | 0.015     | 0.38 |                                  | 50             | 250            |
| MLT6EH15-LP316                   | 6.0                  | 152 | 23.4    | 594 | 700                          | 3115 | 1.00                 | 25.4 | 0.50  | 12.7 | 0.015     | 0.38 |                                  | 50             | 250            |
| MLT8EH15-LP316                   | 8.0                  | 203 | 29.7    | 754 | 700                          | 3115 | 1.00                 | 25.4 | 0.50  | 12.7 | 0.015     | 0.38 |                                  | 50             | 250            |
| <b>Super-Heavy Cross Section</b> |                      |     |         |     |                              |      |                      |      |       |      |           |      |                                  |                |                |
| 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            |
| MLT6SH-LP316                     | 6.0                  | 152 | 23.4    | 594 | 900                          | 4005 | 1.00                 | 25.4 | 0.63  | 15.9 | 0.015     | 0.38 |                                  | 50             | 250            |
| MLT8SH-LP316                     | 8.0                  | 203 | 29.7    | 754 | 900                          | 4005 | 1.00                 | 25.4 | 0.63  | 15.9 | 0.015     | 0.38 |                                  | 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.

A. System Overview

B1. Cable Ties

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E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

# Mouser Electronics

Authorized Distributor

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[MLT8SH-LP316](#)