# Pan-Steel® Super-Heavy Cable Tie System

Pan-Steel® Super-Heavy Cable Tie System provides a superior bundling solution in applications requiring cables to be safely restrained in the event of a short circuit. Designed to work together, Pan-Steel® Super-Heavy Cable Ties, cushion sleeve and tool provide an 80% time savings when compared to conventional cable cleat installations. The patented locking head design, allows these ties to meet the critical strength requirements to restrain cables in the event of a short circuit, with substantial reduction in material costs compared to the conventional methods. The installation tools feature an adjustable tension control mechanism to provide repeatable installations with consistent bundle tension for improved productivity and reliability. The cushion sleeve provides additional bundle protection against abrasion during and after installation. The Pan-Steel® Super-Heavy Cable Tie System is part of the complete bundling solution from Panduit, delivering maximum reliability throughout the physical infrastructure.

## Key Features — Benefits

| Key Features | Benefits |
|---|---|
| **Self-locking cable tie design** | Helps to reduce the number of installation steps required to deliver an 80% installation time savings – lowering installed costs<br><br>Provides infinite bundling capacity to accommodate multiple bundle sizes to reduce inventory and increase jobsite flexibility |
| **Stainless steel head construction** | High strength construction improves durability<br><br>Reduces material required for the job (compared to competition) to deliver a substantial cost reduction in material |
| **Fully assembled discrete lengths** | Eliminates tie assembly, reducing installation time |
| **Stainless steel construction** | Superior corrosion resistance to deliver a long service life |
| **Cushion sleeve** | Covers the edge of the tie to provide additional bundle and cable jacket protection |
| **Tension control tool** | Provides consistent/repeatable installations for increased reliability and productivity |

## Technical Information — Super-Heavy Locking Ties

| | | | |
|---|---|---|---|
| **Material** | AISI 304 or AISI 316 grade stainless steel | **RoHS** | Compliant |
| **Maximum temperature rating** | 538°C (1000°F) | **Flammability** | Non-flammable |
| **Minimum temperature rating** | -80°C (-112°F) | **Ultraviolet light resistance** | Excellent |

# *Pan-Steel® Super-Heavy Cable Tie System*

## Super-Heavy Metal Locking Ties

| Part Number | Max. Bundle Diameter In. | mm | Length*** In. | mm | Min. Loop Tensile Strength** Lbs. | N | Min. Bundle Diameter In. | mm | Width In. | mm | Thickness In. | mm | Std. Pkg. Qty.+ | Std. Ctn. Qty. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **AISI 304 Stainless Steel – For General Purpose** | | | | | | | | | | | | | | |
| MLT4SH-LP | 4.0 | 102 | 17.1 | 434 | 900 | 4005 | 1.00 | 25.4 | .63 | 15.9 | .015 | .38 | 50 | 250 |
| MLT6SH-LP | 6.0 | 152 | 23.4 | 594 | | | | | | | | | 50 | 250 |
| MLT8SH-LP | 8.0 | 203 | 29.7 | 754 | | | | | | | | | 50 | 250 |
| MLT10SH-LP | 10.0 | 254 | 35.9 | 912 | | | | | | | | | 50 | 250 |
| MLT12SH-Q | 12.0 | 305 | 42.2 | 1072 | | | | | | | | | 25 | 125 |
| **AISI 316 Stainless Steel – For Superior Corrosion Resistance** | | | | | | | | | | | | | | |
| MLT4SH-LP316 | 4.0 | 102 | 17.1 | 434 | 900 | 4005 | 1.00 | 25.4 | .63 | 15.9 | .015 | .38 | 50 | 250 |
| MLT6SH-LP316 | 6.0 | 152 | 23.4 | 594 | | | | | | | | | 50 | 250 |
| MLT8SH-LP316 | 8.0 | 203 | 29.7 | 754 | | | | | | | | | 50 | 250 |
| **AISI 304 Stainless Steel - Double Wrapped^ - For Additional Strength** | | | | | | | | | | | | | | |
| MLT4DSH-Q | 4.0 | 102 | 29.5 | 749 | 1200 | 5340 | 1.00 | 25.4 | .63 | 15.9 | .015 | .38 | 25 | 125 |
| MLT6DSH-Q | 6.0 | 152 | 41.5 | 1054 | | | | | | | | | 25 | 125 |
| MLT8DSH-Q | 8.0 | 203 | 53.5 | 1359 | | | | | | | | | 25 | 125 |
| **AISI 316 Stainless Steel - Double Wrapped^ - For Additional Strength** | | | | | | | | | | | | | | |
| MLT4DSH-Q316 | 4.0 | 102 | 29.5 | 749 | 1200 | 5340 | 1.00 | 25.4 | .63 | 15.9 | .015 | .38 | 25 | 125 |
| MLT6DSH-Q316 | 6.0 | 152 | 41.5 | 1054 | | | | | | | | | 25 | 125 |
| MLT8DSH-Q316 | 8.0 | 203 | 53.5 | 1359 | | | | | | | | | 25 | 125 |

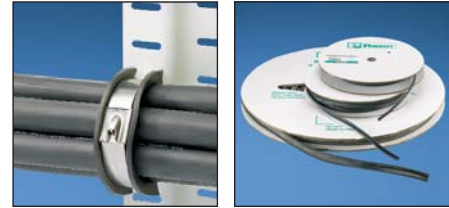**Per SAE Standard AS23190/3 (formerly MIS).
***Other lengths available, contact Panduit Customer Service.
^Tested for short circuit applications up to 71.5 kA.
+Order in multiples of Standard Package Quantities.

## PCS Cushion Sleeving

• Black neoprene sleeving used with Pan-Steel® Stainless Steel Ties, custom length banding, and MS strap

• Isolation between dissimilar metals allows the ties and straps to be used with aluminum cable tray

| Part Number | Used with Pan-Steel® Ties/Strapping | Width In. | mm | Length Ft. | m | Std. Pkg. Qty+ |
|---|---|---|---|---|---|---|
| PCSSH-B-CR* | MLT/EH/SH and MS Straps | .91 | 23.1 | 100 | 30.5 | 1 |

*Meets MIL-R-6855.
+Order in multiples of Standard Package Quantities.

## Installation Tools

| Part Number | Part Description | Std. Pkg. Qty. |
|---|---|---|
| PBTMT | Battery powered installation tool, for use with Pan-Steel® heavy, extra-heavy, and super-heavy, cross section MLT style ties, and MLTD double wrapped style ties, 2 –12 volt lithium-ion batteries and 115 volt, 60 Hz charger included. | 1 |
| RT2HT | Use with extra-heavy .50" (12.7mm) and super-heavy .63" (15.9mm) cross section Pan-Steel® type MLT ties. Width of tool nose 2.60" (66.0mm). | 1 |
| RT2HTN | Narrow nose installation tool for use with extra-heavy .50" (12.7mm) and super-heavy .63" (15.9mm) cross section Pan-Steel® type MLT ties. Width of tool nose 1.06" (27.0mm). | 1 |
| KRT2HTB | Replacement cutter handle for RT2HT. | 1 |

For a copy of Panduit product warranties, log on to www.panduit.com/warranty

### For more information
### Visit us at www.panduit.com

Contact Customer Service by email: cs@panduit.com
or by phone: 800-777-3300 and reference SSCB23

**PANDUIT®**

# X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for* Cable Ties *category:*

*Click to view products by* Panduit *manufacturer:*

Other Similar products are found below :

65037-C  770-1751-10  REL50L0C2  20093-0  SF600-120X  SJ3518FR-1x50  SJ3526N-Beige-2"x50yd  SJ3526N BLACK 58" X 50YD  SJ3571  SJ-3571-1"x50yd-Black  PLT2S-C4  34-455-C  3722  561-B110120  561-N3510  TYZ528M  34-463-C  URT20S-M  06226  08350-0  08600-0  08376-0  10037-0  10325-0  10362-0  10606-0  1122-4JW8  561-EZ250  561-EZ625  SJ3527N-Beige-2"x50yd  SJ3527N-LOOP-BLACK-1  SJ3572-2"x50yd-Black  CF5625-000  65004-C  65005-C  65007-C  65036-C  157-00039  770-1708  770-1753-10  770-1752  SPNY-041-9  SF400-120X  3719  08582-0  08386-0  10431-0  08359-0  10620-0  10345-0