

## ***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***

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

### ***Technical Information — Super-Heavy Locking Ties***

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

# Pan-Steel® Super-Heavy Cable Tie System

## Super-Heavy Metal Locking Ties

Part Number	Max. Bundle Diameter		Length***		Min. Loop Tensile Strength**		Min. Bundle Diameter		Width		Thickness		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

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		Length		Std. Pkg. Qty.+
		In.	mm	Ft.	m	
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

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