## **Product Bulletin**

## Pan-Steel<sup>®</sup> Stainless Steel Fully Coated<sup>\*</sup> Ties and Tools System

When operating in oil and gas, shipbuilding, or industrial environments, maintaining a safe and secure physical infrastructure is a difficult challenge. Panduit delivers innovative solutions that mitigate risk across power, control, communication, security, and computing throughout the physical infrastructure.

Pan-Steel<sup>®</sup> Stainless Steel Fully Coated Ties provide the strength of steel and the protection of a polyester coating when strength, vibration, salt spray, UV radiation, weathering, corrosion, or temperature extremes are a concern. Panduit offers these ties in a variety of colors to maximize identification effectiveness and employee safety. Panduit industry leading installation tools are designed to reduce operator fatigue, promote worker safety, and improve productivity. Pan-Steel<sup>®</sup> Stainless Steel Fully Coated Ties and Tools System provides reliable, long term bundling throughout the physical infrastructure, contributing to lower operational costs.

\*The tie body is fully coated. The locking head is not coated.

Key Features	Benefits
316 stainless steel with polyester coating	Superior corrosion resistance provides maximum performance and longer service life in harsh environments, improving the reliability of your infrastructure
Available in six colors (heavy cross section only)	Provides for visual color designation of key infrastructure elements, enhancing safety and reducing operational costs
Self-locking head design	Tie locks immediately with no fold over or additional installation steps, lowering installed costs by up to 65%; three times quicker to install than conventional strapping
Smooth surfaces and rounded edges	Assures worker safety and bundle protection from abrasion during and after installation
Available in four widths (black only)	Standard cross section 0.18" (4.6mm), heavy cross section 0.31" (7.9mm), extra-heavy cross section .50" (12.7mm) and a super-heavy cross section .625" (15.9mm) offer flexibility in selecting the optimum size and strength for the application
Meets stringent shipbuilding specifications	Super-heavy 0.625" (15.9mm) ties can be used in place of conventional strapping for offshore and shipbuilding applications to dramatically speed installation time and lower installed costs

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Material:	316 stainless steel base metal with low-smoke, halogen-free polyester coating
Temperature:	-40°F (-40°C) to 302°F (150°C)
Salt spray:	Polyester coated ties tested for 2000 hours with no degradation

#### Six Color choices... Same Superior Performance

The same polyester coating that provides additional edge protection and prevents galvanic corrosion between dissimilar metals is now available in six vibrant colors to improve employee safety and identify key infrastructure elements. Incorporating these visually distinctive and readily identifiable stainless steel cable ties can mitigate risk by safely securing and identifying critical power, control, communications, and security cables used throughout the physical infrastructure.

#### Sample Color Coding:







Application Secure metal shield over pipe insulation



Application Electrical cabling secured to cable tray in harsh environments

# Six total color options accommodate a variety of bundling applications throughout the physical infrastructure:



### **Pan-Steel ® Stainless Steel Fully Coated Ties and Tools System**



- Polyester coating available in six color options provides visual indication for easy identification in color-coding applications (heavy cross section only)
- Self-locking head design speeds installation and locks into place at any length along the tie body
- Polyester coating provides additional edge protection and prevents corrosion between dissimilar metals
- AISI 316 stainless steel for the most corrosive environments
- Available in standard, heavy, extra-heavy and super-heavy cross sections
- UV resistant, low smoke, halogen-free material
- Temperature tolerance
  -40°F (-40°C) to 302°F (150°C)

	Bur	Max. Bundle Diameter Length*		gth*		Min. Loop Tensile Strength**		Min. Bundle Diameter		Width		Base Material Thickness <u>+</u>		Recommended Installation		Std. Ctn.
Part Number	In.	mm	In.	mm	Color	Lbs.	Ν	In.	mm	In.	mm	In.	mm	Tool***	Qty.^	Qty.
Standard Cross Sect	ion															
MLTFC2S-CP316	2.0	51	7.9	201												
MLTFC4S-CP316	4.0	102	14.3	362		400		0.50	10 7			0.040	0.05	GS4MT-E,	100	
MLTFC6S-CP316	6.0	152	20.5	521	Black	100	445		12.7	0.18	4.6	0.010	0.25	HTMT, ST2MT	100	500
MLTFC8S-CP316	8.0	203	26.8	679												
<b>Heavy Cross Section</b>																
MLTFC2H-LP316RD	2.0	51	7.9	201												
MLTFC4H-LP316RD	4.0	102	14.3	362	Red		1112	0.50	12.7		7.9					
MLTFC6H-LP316RD	6.0	152	20.5	521		250				0.31		0.010	0.25	GS4MT-E, HTMT, ST2MT		250
MLTFC2H-LP316YL	2.0	51	7.9	201											50	
MLTFC4H-LP316YL	4.0	102	14.3	362	Yellow											
MLTFC6H-LP316YL	6.0	152	20.5	521												
MLTFC2H-LP316GR	2.0	51	7.9	201	Green											
MLTFC4H-LP316GR	4.0	102	14.3	362												
MLTFC6H-LP316GR	6.0	152	20.5	521												
MLTFC2H-LP316BU	2.0	51	7.9	201												
MLTFC4H-LP316BU	4.0	102	14.3	362	Blue											
MLTFC6H-LP316BU	6.0	152	20.5	521												
MLTFC2H-LP316WH	2.0	51	7.9	201												
MLTFC4H-LP316WH	4.0	102	14.3	362	White											
MLTFC6H-LP316WH	6.0	152	20.5	521												
MLTFC2H-LP316	2.0	51	7.9	201												
MLTFC4H-LP316	4.0	102	14.3	362												
MLTFC6H-LP316	6.0	152	20.5	521	Black											
MLTFC8H-LP316	8.0	203	26.8	679												
Extra-Heavy Cross S	ection													1		1
MLTFC2EH-LP316	2.0	51	11.8	300				1.00	25.4							
MLTFC4EH-LP316	4.0	102	17.1	434			1335				12.7		0.25	ST2MT,		
MLTFC6EH-LP316	6.0	152	23.4	594	Black	300				0.50		0.010		RT2HT,	50	250
MLTFC8EH-LP316	8.0	203	29.7	754										RT2HTN		
Super-Heavy Cross S	Sectio	n									1	1		1		1
MLTFC4SH-LP316	4.0	102	17.1	434												
MLTFC6SH-LP316	6.0	152	23.4	594	Black	450	0000	1.00	25.4	0.63	15.0	0.015	0.38	RT2HT,	50	250
MLTFC8SH-LP316	8.0	203	29.7	754	DIACK	400	2000	1.00		0.03	15.9		0.30	RT2HTN	50	200

^Order number of pieces required, in multiples of Standard Package Quantity.

\*Other lengths available, contact Panduit Customer Service.

\*\*Per SAE Standard AS231901/3 (formerly MIL).

\*\*\*For information on installation tools, refer to page 4. +Base material less coating.

Prime items in bold.

### **Pan-Steel ® Stainless Steel Fully Coated Ties and Tools System**

### Cable Tie Installation Tools - Selection Chart



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

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