

Cable Ties  
Product Selection Guide



Comprehensive Cable Tie Solutions

Panduit offers a broad selection of industry approved styles, sizes, and materials to meet a full range of electrical, industrial, and networking applications.

- PLT

**Pan-Ty® Cable Ties**  
Most comprehensive product offering
- SG

**Super-Grip® Cable Ties**  
Withstand rough installations
- BT

**Dome-Top® Barb Ty Cable Ties**  
Metal locking barb; infinite adjustability
- PLWS

**Pan-Ty® Wide Strap Cable Ties**  
Ideal for Heavy Duty applications
- DT

**Dura-Ty® Cable Ties**  
Acetal material; 20+ years outdoor service life
- CBR

**Contour-Ty® Cable Ties**  
Low profile head, parallel-entry, outside teeth
- HV

**Hyper-V™ Cable Ties**  
Teeth on both sides; 2-wedge locking design
- SST

**Sta-Strap® Cable Ties**  
Two-piece design, low thread force, lightweight
- ERT

**Elastomeric Cable Ties**  
Flexible, elastic material, UL 94V-0, releasable
- PLDC

**Pan-Ty® Double Clamp Cable Ties**  
Ideal for Heavy Duty application

											
	Product Family	PLT	SG	BT	DT	CBR	HV	SST	ERT	PLWS	PLDC
Styles	Locking	✓	✓	✓	✓	✓	✓	✓		✓	✓
	Releasable	✓							✓		
	Marker	✓		✓				✓			
	Clamp	✓		✓				✓			
	Push Mount	✓		✓							
	Specialty	✓		✓				✓			
Cross Sections	Miniature	✓	✓	✓		✓		✓			
	Intermediate	✓	✓	✓		✓		✓			
	Standard	✓	✓	✓		✓		✓			
	Heavy-Standard					✓					
	Light-Heavy	✓	✓	✓		✓	✓				
	Heavy	✓	✓		✓			✓			
	Extra-Heavy	✓			✓						
	Extra-Heavy (thin)									✓	✓

Cable Tie Industry Approvals

Agency	Spec/Approval	Requirement	Products
UL (Underwriters Laboratory)	UL 62275 (File E56854)	Types 1, 11, 2, 2S, 21, 21S (Note 1)	Select PLT, BT, SG, SST, and CBR Series
CSA (Canadian Standards Association)	CSA-C22.2 No. 62275 (File 31212)	Types 1, 11, 2, 2S, 21, 21S (Note 1)	Select PLT, BT, SG, SST, and CBR Series
ABS (American Bureau of Shipping)	05-HS463235-PDA	2005 Steel Vessel Rules 1-1-4/7.7, 4-8-4/21.9, 32001 MODU Rules 4-3-3/5.9.1	PLT and BT Series
Bureau Veritas	Cert 05968/C0, BV File ACE 14/601/01 Product Code: 2535H	Bureau Veritas Rules for the Classification of Steel Ships	PLT, PRT, BT and CBR Series
Det Norske Veritas	E-6405	Det Norske Veritas' Rules for Classification of Ships and Mobile Offshore Units	PLT, PLC, PLM, PRT, PLWP, PRWP and PRST Series
Lloyd's Register of Shipping	89/60111 (E3)	Lloyd's Register Type Approval	PLT, PLC, PLP, PLWP, PLM, PRT, SST, SSC, SSM, BT, BC, BM, BF, B2M, B3M, BM, BW, BP, ILT and CBR Series
Russian Maritime Register of Shipping	11130200	Russian Maritime Type Approval Certificate	PLT, PLC, PLM, PLF, SG, BT, BF, BM, BC, DT and CBR Series
NRC (Nuclear Regulatory Commission)	NRC 10CFR50	Quality Assurance Criteria for Nuclear	All cable tie products
US Military Aerospace Standard	QPL-AS23190	SAE spec AS23190	Select PLT, BT, SST, and CBR Series



Material Selection Criteria

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Material Availability	Product Family			Cross Sections																
	Pan-Ty® Cable Ties PLT		✓	SM, M, I, S	LH, H, EH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Super-Grip® Cable Ties SG		✓	M, I, S, LH	H	✓														
	Dome-Top® Barb Ty Cable Ties BT		✓	M, I, S	LH	✓	✓	✓		✓										
	Dura-Ty™ Cable Ties DT																		✓	
	Contour-Ty® Cable Ties CBR		✓	M, I, S, HS, LH		✓	✓			✓										
	Hyper-V™ Cable Ties HV				LH															
	Sta-Strap® Cable Ties SST		✓	M, I, S, H		✓														
	Elastomeric Cable Ties ERT																			✓
	Double Clamp Cable Ties PLDC							✓												
	Wide Strap Cable Ties PLWS							✓												

Recommendation Legend				
Highest	High	Acceptable	Low	Lowest
●	●	○	●	●

Check mark indicates material availability in that product family for all cross sections.

Cross Sections: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy

**Note 1:** Check UL file for specific part number rating

**Note 2:** Based upon UL RTI for electrical properties; mechanical without impact carries a 240° C (464° F) RTI rating

<sup>1</sup>TEFZEL is a registered trademark of The Chemours Company.

<sup>3</sup>HALAR is a registered trademark of Ausimont USA, Inc.

\*Tefzel material contains Flourine, but in accordance to IEC 61249-2-21, which calls out Chlorine and Bromine, but not Flourine, meets the definition of Halogen-Free.

# Cable Tie Installation Tools

Panduit offers the most preferred hand-operated tools in the industry. These versatile tools can be used for production, maintenance or construction applications. Panduit cable tie installation tools promote worker safety, help reduce downtime, improve productivity and provide the lowest total installed cost. As with all Panduit products, quality in design and production along with customer service excellence, are assured.

## Cable Tie Tools



GTS-E

- Used with SM, M, I, and S cable ties
- Ergonomic design lowers the risk of repetitive motion injuries. Lowest activation and impact force to installer's hand



GS2B-E

- Used with SM, M, I, and S cable ties
- Metal tool with a durable powder coat finish
- Ergonomic design lowers the risk of repetitive motion injuries. Lowest activation and impact force to installer's hand



GTH-E

- Used with S, HS, LH, and H cable ties
- Ergonomic design lowers the risk of repetitive motion injuries. Lowest activation and impact force to installer's hand



GS4H-E

- Used with S, HS, LH, and H cable ties
- Metal tool with a durable powder coat finish
- Ergonomic design lowers the risk of repetitive motion injuries. Lowest activation and impact force to installer's hand



GS4EH-E

- Used with LH, H, and EH cable ties
- Metal tool with a durable powder coat finish
- Ergonomic design lowers the risk of repetitive motion injuries. Lowest activation and impact force to installer's hand

## Pneumatic Hand Tools



PTS

- Used with SM, M, I, and S cable ties
- Ergonomic design with impact resistant resin housing and black knob; replacement parts can be part of a scheduled maintenance program



PTH

- Used with S, HS, LH, and H cable ties
- Ergonomic design with impact resistant resin housing and red knob; replacement parts can be part of a scheduled maintenance program



Pneumatic Tool Accessories

- Visit [www.panduit.com](http://www.panduit.com) for our complete line of pneumatic tool accessories

# Complete Your Bundling System

## Tools



### Manual Cable Tie Installation Tools

- Designed to speed installation for lower installed cost
- Flush tie cut-off limits exposure to sharp edges
- A full line of lightweight, ergonomic hand tools available
- Panduit leads the industry in reliability and performance



### Automatic Cable Tie Installation Systems

- An efficient solution for high volume harnessing, assembly, fastening and packaging applications
- High speed tools lower installed cost and reduce operator fatigue
- Wrap, tension, and cut off cable ties in less than one second
- Microprocessor based controller monitors system performance for production data and reporting

## Services



### Custom Imprinting Service

- Products available for custom imprinting include cable ties, marker plates, marker and flag ties, hook and loop wrap ties
- Results in a professional, high quality appearance for identification and labeling as well as promotional purposes
- Options include company logos, website addresses, sequential numbering, phone numbers, graphics and text

## Related Products



### Cable Accessories

- Comprehensive line of mounts, clips, and clamps that organizes and routes cables, speeds and simplifies installations, and lowers overall installed cost. Installation methods include adhesive backed, user applied adhesive, screws, rivets and push barb
- Accessories provide long term reliability while cable clips and clamps offer a one-piece solution to save time and reduce inventory



### Stainless Steel Cable Ties

- Durable method of bundling, fastening and permanent identification in applications where severe environmental conditions exist
- Engineered for safety, productivity and durability by providing round edges and smooth surfaces, easy threading, high loop tensile strength and tight clamping



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