Features and Benefits – Hook and Loop Cable Ties

The comprehensive family of hook and loop cable ties delivers reliability by protecting against over-tensioning of high performance fiber and copper cables. These ties are adjustable, releasable, and re-usable to effectively support frequent moves, adds, and changes (MACs). A wide range of colors provides flexibility and an aesthetically pleasing appearance. The complete line of Panduit Hook and Loop Cable Ties help maintain the reliable, scalable, and aesthetic requirements of data centers.

Tak-Ty ® Hook & Loop Cable Ties – Premium, durable designs and sizes

Loop Style

Roll/Strip/Brick Style

Plenum-Rated

Allows for pre-wrapping of bundles

Available in continuous or perforated rolls and stacked strips

Distinctive maroon color (also available in black)

Tak-Tape™ Hook & Loop Rolls

Strong, low profile hook and loop material

Convenient packaging

Ultra-Cinch™ Hook & Loop Cable Ties

Unique same-sided material secures a greater range of bundle diameters

Available in three styles and eight colors; grommet styles used for bundle mounting applications

Low profile contoured cinch ring reduces overall bundle size

Wire management accessories speed and simplify the mounting of high performance cabling.

See pages B2.4, B2.5, B2.12, B2.21, B2.24, C4.4 – C4.6, C4.10, C4.11, C4.13, and C4.14.

Selection Guide – Hook and Loop Cable Ties

Product, Color (Suffix)	Style/Function	Part Number Prefix	Catalog Page
Tak-Ty® Ties, Black (0)	Loop Ties/Re-usable	HLT	B1.87
	Strip Ties/Re-usable	HLS	B1.87
	15' and 75' Rolls/Re-usable	HLM, HLS	B1.87
	Strip Ties/Re-usable/Brick	HLB	B1.87
Tak-Ty® Plenum-Rated Ties, UL Listed Black, Maroon (0, 12)	Loop Ties/Re-usable	HLTP	B1.88
	Strip Ties/Re-usable	HLSP	B1.88
Tak-Tape™ Rolls, Black (0)	20' and 35' Rolls/Re-usable	TTS	B1.88
Ultra-Cinch™ Ties, Black (0)	Cinch Ties/Re-usable	UCT	B1.89
	Cinch Ties – Center Mount Grommet/Re-usable	UGCTC	B1.89
	Cinch Ties – End Mount Grommet/Re-usable	UGCTE	B1.89

Part Number System for Hook and Loop Ties

HLT	**2**	**I**	**—**	**X**	**0**

Type	Size	Cross Section	Package Size	Color
HL = Hook and Loop	Approx.	I = Intermediate	X = 10	See page B1.90
HLB = HL Brick	Maximum	S = Standard	C = 100	
HLM = HL Miniature	Bundle		15R = 15' Roll	
HLT = HL Loop Tie	Dia. (In.)		20R = 20' Roll	
HLTP = HL Loop Tie Plenum-Rated			35R3 = 35' Rolls (3)	
HLS = HL Strip Tie			35RX = 35' Rolls (10)	
HLSP = HL Strip Tie Plenum-Rated			75R = 75' Roll	
TTS = Tak-Tape™ Roll				
UCT = Ultra-Cinch™ Tie				
UGCTC = UCT Grommet Cinch Tie – Center Mount				
UGCTE = UCT Grommet Cinch Tie – End Mount				

Tak-Ty® Hook & Loop Cable Ties

- Soft, premium material is safe to use on high performance cabling protecting against over-tensioning
- Broadest selection of durable designs and sizes to meet your application needs
- Adjustable, releasable, and re-usable multiple times – ideal for applications requiring frequent moves, adds, or changes

- A full range of colors
- Operating temperature range: 0°F to 220°F (-18°C to 104°C)
- Complementary mounts available, see page B2.6

Note: Minimum 2" overlap required to achieve loop tensile rating.

HLT (Loop Ties)

HLS (Strip Ties)

HLM/HLS (Rolls)

HLB2S (Stacked Strips)

X-out for #10 screw (Recommend truss head)

Part Number	Length		Width		Max. Bundle Dia.		Min. Loop Tensile Str.		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	Lbs.	N		
Loop Ties – Slot allows for pre-wrapping of bundles										
HLT2I-X0	8.0	203	0.500	12.7	1.91	49	40	178	10	100
HLT3I-X0	12.0	305	0.500	12.7	3.18	81	40	178	10	100
Strip Ties – Perforated in convenient 6", 12", and 18" strips										
HLS1.5S-X0	6.0	152	0.750	19.1	1.50	38	50	222	10	100
HLS3S-X0	12.0	305	0.750	19.1	3.20	81	50	222	10	100
HLS5S-X0	18.0	457	0.750	19.1	5.00	127	50	222	10	100
Stacked Strip Ties – Eliminates cutting ties to length and staging them for each job										
Rounded edges for installer safety – 100 pieces										
HLB2S-C0	7.0	178	0.750	19.1	1.60	41	50	222	1	10

Part Number	Length		Width		Max. Bundle Dia.		Min. Loop Tensile Str.		Std. Pkg. Qty.	Std. Ctn. Qty.
	Ft.	m	In.	mm	In.	mm	Lbs.	N		
15' and 75' Continuous Rolls – Can be cut to desired length, eliminating waste										
HLM-15R0	15.0	4.6	.330	8.4	Various	Various	40	178	1	10
HLS-15R0	15.0	4.6	.750	19.1	Various	Various	50	222	1	10
HLS-75R0	75.0	22.9	.750	19.1	Various	Various	50	222	1	10

Tak-Ty® Hook & Loop Cable Ties – Plenum-Rated
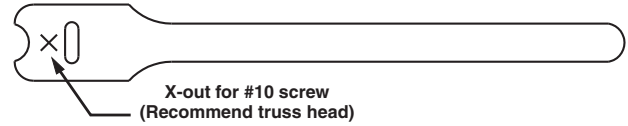
- Soft, premium material is safe to use on high performance cabling protecting against over-tensioning
- UL Listed for use in plenum or air handling spaces (such as ceiling voids and underfloor areas) per NEC, Section 300-22 (C) and (D)
- Flammability rating: UL 94V-2

- Adjustable, releasable, and re-usable multiple times – ideal for applications requiring frequent moves, adds, or changes
- Operating temperature range: 0°F to 122°F (-18°C to 50°C)

Note: Minimum 2" overlap required to achieve loop tensile rating.

X-out for #10 screw
(Recommend truss head)

Part Number	Length		Width		Max. Bundle Dia.		Min. Loop Tensile Str.		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	Lbs.	N		
UL Listed Loop Ties (Maroon) – Slot allows for pre-wrapping of bundles										
HLTP2I-X12	8.0	203	.500	12.7	1.91	49	40	178	10	100
HLTP3I-X12	12.0	305	.500	12.7	3.18	81	40	178	10	100
UL Listed Loop Ties (Black) – Slot allows for pre-wrapping of bundles										
HLTP2I-X0	8.0	203	.500	12.7	1.91	49	40	178	10	100
HLTP3I-X0	12.0	305	.500	12.7	3.18	81	40	178	10	100
UL Listed Strip Ties (Maroon) – Perforated in convenient 6", 12", and 18" strips										
HLSP1.5S-X12	6.0	152	.750	19.1	1.50	38	50	222	10	100
HLSP3S-X12	12.0	305	.750	19.1	3.20	81	50	222	10	100
HLSP5S-X12	18.0	457	.750	19.1	5.00	127	50	222	10	100
UL Listed Strip Ties (Black) – Perforated in convenient 6", 12", and 18" strips										
HLSP1.5S-X0	6.0	152	.750	19.1	1.50	38	50	222	10	100
HLSP3S-X0	12.0	305	.750	19.1	3.20	81	50	222	10	100
HLSP5S-X0	18.0	457	.750	19.1	5.00	127	50	222	10	100

Tak-Tape™ Hook & Loop Cable Tie Rolls

- Strong, low profile, flexible material is safe to use on high performance cabling protecting against over-tensioning
- Adjustable, releasable, and re-usable
- Cost-effective for general purpose bundling
- Continuous rolls can be easily cut to size – Panduit cutter included with TTS-35RX0
- Handy, re-usable plastic case with TTS-20R0, keeps material clean

- Leaves no residue
- Available in black color
- Operating temperature range: -22°F to 194°F (-30°C to 90°C)
- Complementary mounts available, see page B2.6

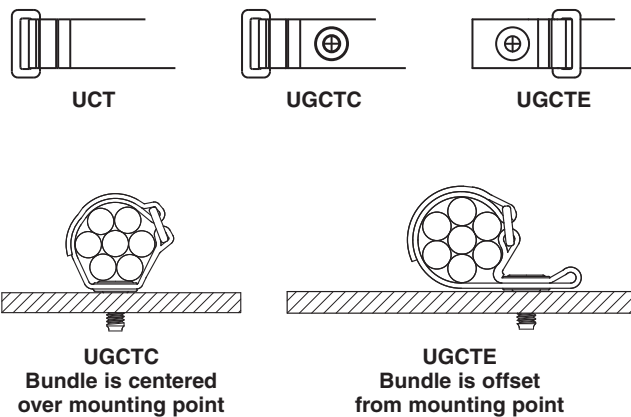Note: Minimum 2" overlap required to achieve loop tensile rating.

Part Number	Length		Width		Max. Bundle Dia.		Min. Loop Tensile Str.		Std. Pkg. Qty.	Std. Ctn. Qty.
	Ft.	m	In.	mm	In.	mm	Lbs.	N		
TTS-20R0	20.0	6.1	.750	19.1	Various	Various	40	178	1	10
TTS-35R3-0	35.0	10.7	.750	19.1	Various	Various	40	178	1	8
TTS-35RX0	35.0	10.7	.750	19.1	Various	Various	40	178	1	10

Std. Pkg. Qty. of TTS-35R3-0 denotes 1 package of three 35' rolls, TTS-35RX0 denotes 1 package of ten 35' rolls.

Order number of pieces required, in multiples of Standard Package Quantity.   Prime items appear in **BOLD**.

Ultra-Cinch™ Hook & Loop Cable Ties

- Unique material with hooks and loops on same side allows user to secure a greater range of bundle diameters, including smaller bundles
- Soft, premium material is safe to use on high performance cabling, protecting against over-tensioning
- Adjustable, releasable, and re-usable multiple times – ideal for applications requiring frequent moves, adds, or changes
- Low profile contoured cinch ring provides extra strength and bundle tightness while reducing overall bundle size

- Grommet (UGCTC and UGCTE styles) offers strength and assures reliable installations that resist pullout when bundling and mounting cables within cabinet applications
- Tapered tip facilitates easy, snag-free threading to speed installation
- Use flat-head screws for grommet applications shown below

Note: Minimum 2" overlap required to achieve loop tensile rating.

UCT   **UGCTC**   **UGCTE**

UGCTC
Bundle is centered
over mounting point

UGCTE
Bundle is offset
from mounting point

Part Number	Length In.	mm	Width In.	mm	Max. Bundle Dia. In.	mm	Min. Loop Tensile Str. Lbs.	N	Std. Pkg. Qty.	Std. Ctn. Qty.
Cinch Ties										
UCT3S-X0	12.0	305	.850	21.6	3.00	76	50	222	10	100
UCT5S-X0	18.0	457	.850	21.6	5.00	127	50	222	10	100
Cinch Ties – Center Mount Grommet (Bundle is centered over mounting point)										
UGCTC3S-X0	12.0	305	.850	21.6	3.00	76	50	222	10	100
UGCTC5S-X0	18.0	457	.850	21.6	5.00	127	50	222	10	100
Cinch Ties – End Mount Grommet (Bundle is offset from mounting point)										
UGCTE3S-X0	12.0	305	.850	21.6	3.00	76	50	222	10	100
UGCTE5S-X0	18.7	475	.850	21.6	5.00	127	50	222	10	100

Note: 1/4" (6mm) diameter mounting hole on grommet style cinch ties.

Flat Head Screws for Grommet Cinch Ties

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
UCTGS1224-X	12-24 UNC x 5/8mm (.625") flat head phillips screw	10	100
UCTGSM5-X	M5 x 16mm flat head phillips screw	10	100
UCTGSM6-X	M6 x 16mm flat head phillips screw	10	100

A.
System
Overview

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

Hook and Loop Cable Ties

Color Chart

Color	Panduit Suffix
Black	0
Red	2
Orange	3
Yellow	4
Green	5

Color	Panduit Suffix
Blue	6
Gray	8
White	10
Maroon	12

Part Number Availability List

Standard Packaging	
Part Number	**Color**
HLB2S	0
HLM-15R	0,2,3,4,5,6,8,10
HLS-15R	0,2,3,4,5,6,8,10
HLS-75R	0,2,3,4,5,6,8,10
HLS1.5S-X	0,2,3,4,5,6,8,10
HLS3S-X	0,2,3,4,5,6,8,10
HLS5S-X	0,2,3,4,5,6,8,10
HLSP1.5S-X	0,12
HLSP3S-X	0,12
HLSP5S-X	0,12
HLT2I-X	0,2,3,4,5,6,8,10
HLT3I-X	0,2,3,4,5,6,8,10
HLTP2I-X	0,12
HLTP3I-X	0,12
TTS-20R	0
TTS-35RX	0
TTS-35R3	0
UCT3S-X	0,2,3,4,5,6,8,10
UCT5S-X	0,2,3,4,5,6,8,10
UGCTC3S-X	0,2,3,4,5,6,8,10
UGCTC5S-X	0,2,3,4,5,6,8,10
UGCTE3S-X	0,2,3,4,5,6,8,10
UGCTE5S-X	0,2,3,4,5,6,8,10

A.
System
Overview

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

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HLW Marker Hook and Loop Wrap Ties

NEW!

- Safe choice for network cable bundling
- Re-usable multiple times; use where frequent moves, adds, and changes are anticipated

- Black tie contains a white rectangular "write-on" area where users can write a message using Panduit permanent marking pens on page B2.28
- Minimum 2" overlap required to achieve loop tensile rating

Part Number	Max. Bundle Diameter In. (mm)	Length In. (mm)	Width In. (mm)	Thickness In. (mm)	Marker Write-on Area In. (mm)	Min. Loop Tensile Strength Lbs. (N)	Std. Pkg. Qty.	Std. Ctn. Qty.
HLWM1.5S-X0	1.5 (38)	6.0 (152)	0.790 (20.1)	0.17 (4.3)	2.5 x 0.50 63.5 x 12.7	50 (222)	10	100
HLWM3S-X0	3.2 (81)	12.0 (305)	0.790 (20.1)	0.17 (4.3)	2.5 x 0.50 63.5 x 12.7	50 (222)	10	100

Elastomeric Cable Ties – ERT

NEW!

- Elastic material provides a flexible tie body that safely contours around cable bundle to prevent over-tensioning of data cables to maintain network integrity
- UL 94V-0 material provides greater flame resistance and meets stringent telecommunication flammability requirements (i.e. NEBS GR-63-CORE)
- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Soft material has no sharp edges to protect the installer and cable bundle for improved jobsite safety and reliability

- The high coefficient of friction material provides a tight grip and prevents lateral movement along cable bundle, minimizing overall installation time and potential re-work
- Releasable design allows release and re-use to accommodate frequent moves, adds, and changes to support evolving equipment and cabling needs
- Halogen-free, non-toxic and environmentally safe material will not release toxic or corrosive gases upon combustion
- Locking head design; the tapered tip tail threads into locking head to speed productivity; industry-accepted, intuitive tie design

Part Number	Color	Length In. (mm)	Width In. (mm)	Thickness In. (mm)	Head Height In. (mm)	Head Width In. (mm)	Min. Loop Tensile Strength Lbs. (N)	Std. Pkg. Qty.	Std. Ctn. Qty.
ERT2M-C20	Black	8.5 (216)	0.500 (12.70)	0.090 (2.29)	.323 (8.20)	.841 (21.36)	18 (80)	100	1000
ERT3M-C20	Black	11.0 (279)	0.500 (12.70)	0.090 (2.29)	.323 (8.20)	.841 (21.36)	18 (80)	100	1000
ERT4.5M-C20	Black	16.0 (406)	0.500 (12.70)	0.090 (2.29)	.323 (8.20)	.841 (21.36)	18 (80)	100	1000

NEW! ## Cable Bundle Organizing Tool

- Reduces cable installation time up to 50% compared to traditional methods
- Arranges 24 cables prior to applying Panduit network cable ties
- Optimizes bundle size and improves installed appearance
- Two inserts handle multiple network cable diameters

- Unique design allows twist-free bundling from the end or the middle of bundle
- Smooth edges; safe for use on network cables preventing cable abrasion
- Ergonomic fit and compact design
- Impact resistant material and low friction design to glide smoothly across cable bundle
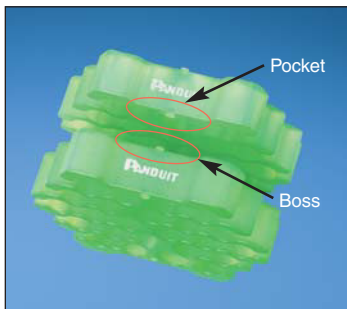

Part Number	Description	Recommended for Cable Outer Diameter Range	Use the Following Insert	Insert Used with the Following Panduit Cable Types	Std. Pkg. Qty.	Std. Ctn. Qty.
CBOT24K	Kit contains jacket cover with hook and loop fastener and two inserts.	0.180" – 0.248" (4.57mm – 6.30mm)	Fluorescent Green	TX5500™ Category 5e UTP TX6000™ Category 6 UTP	1	10
		0.230" – 0.310" (5.84mm – 7.87mm)	Fluorescent Yellow	TX6500™ Enhanced Category 6 TX6A™ 10Gig™ Category 6A** All Shielded Cables		

**When using the CBOT24K on 10 Gigabit cables, it is recommended that Panduit 10Gig™ Category 6A cables be used for optimum performance of installed cable. See www.panduit.com for cable details.

Installation Instructions

The steps below outline how easy it is to use the Panduit cable bundle organizing tool starting from the middle of the bundle outwards, using two tools. For starting at the end of the bundle, follow the same steps using only one tool. (Use above table to select appropriate insert based on cable diameter/type.)
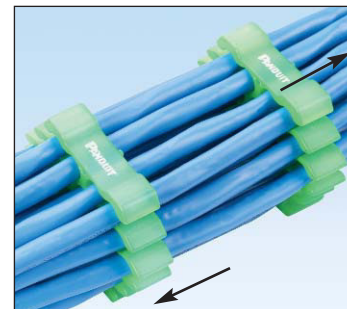

Pocket

Boss

Step 1
Use the unique pocket and boss features to align two same color inserts. Hold both together.

Step 2
Insert cables, one at a time, into the pre-formed slots of both inserts until all cables are installed.

Step 3
Pull the two inserts apart.

Step 4
Place the jacket cover around each insert and secure with the attached hook and loop fastener.

Step 5
Guide the tool along the bundle length to organize the cables, stopping at desired intervals to apply Panduit Network Cable Ties.

Step 6
When completed, slide tool off of cable bundle. The Panduit cable bundle organizing tool reduces installation time up to 50% and delivers a professional, organized installation.