

## 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



Allows for pre-wrapping of bundles

#### Roll/Strip/Brick Style



Available in continuous or perforated rolls and stacked strips

#### Plenum-Rated



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.

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## Selection Guide – Hook and Loop Cable Ties

B1. Cable Ties



B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

Product, Color (Suffix)	Style/Function	Part Number Prefix	Catalog Page
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C2. Surface Raceway

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

C3. Abrasion Protection

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

C4. Cable Management

Tak-Tape™ Rolls, Black (0)	20' and 35' Rolls/Re-usable	TTS	B1.88
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D1. Terminals

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

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### 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. Maximum Bundle Dia. (In.)	I = Intermediate S = Standard		X = 10 C = 100 15R = 15' Roll 20R = 20' Roll 35R3 = 35' Rolls (3) 35RX = 35' Rolls (10) 75R = 75' Roll	See page B1.90
HLB = HL Brick					
HLM = HL Miniature					
HLT = HL Loop Tie					
HLTP = HL Loop Tie Plenum-Rated					
HLS = HL Strip Tie					
HLSP = HL Strip Tie Plenum-Rated					
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)



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

<b>HLT21-X0</b>	8.0	203	0.500	12.7	1.91	49	40	178	10	100
<b>HLT31-X0</b>	12.0	305	0.500	12.7	3.18	81	40	178	10	100

### Strip Ties – Perforated in convenient 6", 12", and 18" strips

<b>HLS1.5S-X0</b>	6.0	152	0.750	19.1	1.50	38	50	222	10	100
<b>HLS3S-X0</b>	12.0	305	0.750	19.1	3.20	81	50	222	10	100
<b>HLS5S-X0</b>	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

<b>HLB2S-C0</b>	7.0	178	0.750	19.1	1.60	41	50	222	1	10
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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

<b>HLM-15R0</b>	15.0	4.6	.330	8.4	Various	Various	40	178	1	10
<b>HLS-15R0</b>	15.0	4.6	.750	19.1	Various	Various	50	222	1	10
<b>HLS-75R0</b>	75.0	22.9	.750	19.1	Various	Various	50	222	1	10

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A. System Overview



## Tak-Ty® Hook & Loop Cable Ties – Plenum-Rated

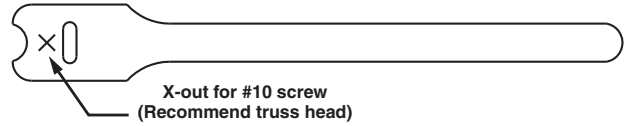
B1. Cable Ties

- 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.

B2. Cable Accessories



B3. Stainless Steel Ties

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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		
<b>UL Listed Loop Ties (Maroon) – Slot allows for pre-wrapping of bundles</b>										
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
<b>UL Listed Loop Ties (Black) – Slot allows for pre-wrapping of bundles</b>										
<b>HLTP2I-X0</b>	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
<b>UL Listed Strip Ties (Maroon) – Perforated in convenient 6", 12", and 18" strips</b>										
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
<b>UL Listed Strip Ties (Black) – Perforated in convenient 6", 12", and 18" strips</b>										
<b>HLSP1.5S-X0</b>	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.



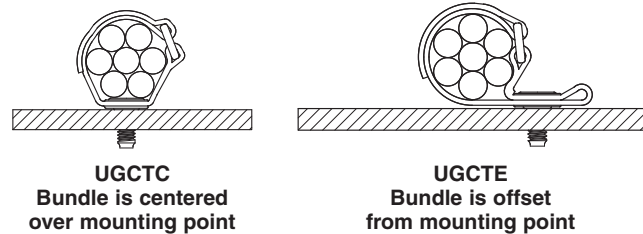
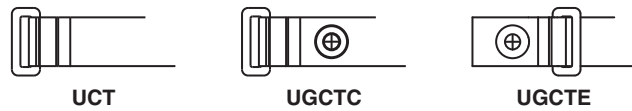
Part Number	Length		Width		Max. Bundle Dia.		Min. Loop Tensile Str.		Std. Pkg. Qty.	Std. Ctn. Qty.
	Ft.	m	In.	mm	In.	mm	Lbs.	N		
<b>TTS-20R0</b>	20.0	6.1	.750	19.1	Various	Various	40	178	1	10
<b>TTS-35R3-0</b>	35.0	10.7	.750	19.1	Various	Various	40	178	1	8
<b>TTS-35RX0</b>	35.0	10.7	.750	19.1	Various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

## 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.



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		
<b>Cinch Ties</b>										
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
<b>Cinch Ties – Center Mount Grommet (Bundle is centered over mounting point)</b>										
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
<b>Cinch Ties – End Mount Grommet (Bundle is offset from mounting point)</b>										
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

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## Hook and Loop Cable Ties

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Cable Ties

### Color Chart

Color	Panduit Suffix	Color	Panduit Suffix
Black	0	Blue	6
Red	2	Gray	8
Orange	3	White	10
Yellow	4	Maroon	12
Green	5		

### 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

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