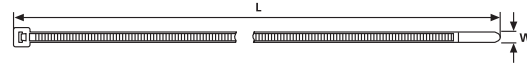


# Cable Ties

## Standard Cable Ties T18 - T30 Series - Natural and Black

Material Data	
Material	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



Product Selection

Article No.	Part No.	Type	US Gov. Designation	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
				lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
<b>T18S</b>													
111-02805	T18S9C2	T18S	MS3367-4-9	18 lbs	(80)	3.27"	(83)	.63"	(16)	.09"	(2.3)	Natural	100
111-02809	T18S9M4	T18S	MS3367-4-9	18 lbs	(80)	3.27"	(83)	.63"	(16)	.09"	(2.3)		1000
111-02810	T18S0C2	T18S	*	18 lbs	(80)	3.27"	(83)	.63"	(16)	.09"	(2.3)	Black	100
111-02811	T18S0M4	T18S	*	18 lbs	(80)	3.27"	(83)	.63"	(16)	.09"	(2.3)		1000
<b>T18R</b>													
112-01819	T18R9C2	T18R	MS3367-4-9	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Natural	100
111-01872	T18R9M4	T18R	MS3367-4-9	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		1000
111-00405	T18R0C2	T18R	*	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Black	100
111-01841	T18R0M4	T18R	*	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		1000
<b>T18I</b>													
111-02311	T18I9C2	T18I	-	18 lbs	(80)	5.51"	(140)	1.38"	(35)	.10"	(2.5)	Natural	100
111-02322	T18I9M4	T18I	-	18 lbs	(80)	5.51"	(140)	1.38"	(35)	.10"	(2.5)		1000
111-02308	T18I0C2	T18I	-	18 lbs	(80)	5.51"	(140)	1.38"	(35)	.10"	(2.5)	Black	100
111-02315	T18I0M4	T18I	-	18 lbs	(80)	5.51"	(140)	1.38"	(35)	.10"	(2.5)		1000
<b>T18L</b>													
111-02189	T18L9C2	T18L	-	18 lbs	(80)	8.0"	(205)	2.17"	(55)	.10"	(2.5)	Natural	100
111-02026	T18L9M4	T18L	-	18 lbs	(80)	8.0"	(205)	2.17"	(55)	.10"	(2.5)		1000
111-00401	T18L0C2	T18L	-	18 lbs	(80)	8.0"	(205)	2.17"	(55)	.10"	(2.5)	Black	100
111-02015	T18L0M4	T18L	-	18 lbs	(80)	8.0"	(205)	2.17"	(55)	.10"	(2.5)		1000
<b>T30R</b>													
112-03019	T30R9C2	T30R	MS3367-5-9	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Natural	100
111-03047	T30R9M4	T30R	MS3367-5-9	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		1000
111-00438	T30R0C2	T30R	*	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Black	100
111-03034	T30R0M4	T30R	*	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		1000
<b>T30L</b>													
111-03325	T30L9C2	T30L	-	30 lbs	(135)	7.48"	(190)	1.97"	(50)	.14"	(3.5)	Natural	100
111-03327	T30L9M4	T30L	-	30 lbs	(135)	7.48"	(190)	1.97"	(50)	.14"	(3.5)		1000
111-03313	T30L0C2	T30L	-	30 lbs	(135)	7.48"	(190)	1.97"	(50)	.14"	(3.5)	Black	100
111-03315	T30L0M4	T30L	-	30 lbs	(135)	7.48"	(190)	1.97"	(50)	.14"	(3.5)		1000
<b>T30LL</b>													
111-03515	T30LL9C2	T30LL	-	30 lbs	(135)	11.42"	(290)	3.15"	(80)	.14"	(3.5)	Natural	100
111-03517	T30LL9M4	T30LL	-	30 lbs	(135)	11.42"	(290)	3.15"	(80)	.14"	(3.5)		1000
111-03501	T30LL0C2	T30LL	-	30 lbs	(135)	11.42"	(290)	3.15"	(80)	.14"	(3.5)	Black	100
111-03511	T30LL0M4	T30LL	-	30 lbs	(135)	11.42"	(290)	3.15"	(80)	.14"	(3.5)		1000
<b>T30XL</b>													
111-02900	T30XL9C2	T30XL	MS3367-5-9	30 lbs	(135)	14.37"	(365)	4.13"	(105)	.14"	(3.5)	Natural	100
111-02907	T30XL9M4	T30XL	MS3367-5-9	30 lbs	(135)	14.37"	(365)	4.13"	(105)	.14"	(3.5)		1000
111-02901	T30XL0C2	T30XL	*	30 lbs	(135)	14.37"	(365)	4.13"	(105)	.14"	(3.5)	Black	100
111-02903	T30XL0M4	T30XL	*	30 lbs	(135)	14.37"	(365)	4.13"	(105)	.14"	(3.5)		1000

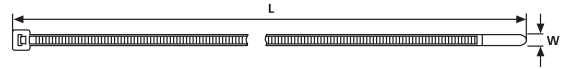
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. MK9 and MK9P cannot be used with T18S cable ties.

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

\* Military black available. Contact HellermannTyton for more information.

## Standard Cable Ties T40 - T50 Series - Natural and Black

Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Product Selection													
Article No.	Part No.	Type	US Gov. Designation	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)	Color	Pkg. Qty.	
				lbs.	(N)	in.	(mm)	in.	(mm)	in.			(mm)
<b>T40R</b>													
112-04019	<b>T40R9C2</b>	T40R(U)	–	40 lbs	(180)	8.27"	(210)	2.16"	(55)	.16"	(4.0)	Natural	100
111-04131	<b>T40R9M4</b>	T40R(U)	–	40 lbs	(180)	8.27"	(210)	2.16"	(55)	.16"	(4.0)		1000
112-04060	<b>T40R0C2</b>	T40R(U)	–	40 lbs	(180)	8.27"	(210)	2.16"	(55)	.16"	(4.0)	Black	100
111-04122	<b>T40R0M4</b>	T40R(U)	–	40 lbs	(180)	8.27"	(210)	2.16"	(55)	.16"	(4.0)		1000
<b>T40I</b>													
111-04609	<b>T40I9C2</b>	T40I	–	40 lbs	(180)	11.42"	(290)	3.15"	(80)	.16"	(4.0)	Natural	100
111-04612	<b>T40I9M4</b>	T40I	–	40 lbs	(180)	11.42"	(290)	3.15"	(80)	.16"	(4.0)		1000
111-04600	<b>T40I0C2</b>	T40I	–	40 lbs	(180)	11.42"	(290)	3.15"	(80)	.16"	(4.0)	Black	100
111-04604	<b>T40I0M4</b>	T40I	–	40 lbs	(180)	11.42"	(290)	3.15"	(80)	.16"	(4.0)		1000
<b>T40L</b>													
111-04300	<b>T40L9C2</b>	T40L	–	40 lbs	(180)	14.4"	(365)	4.13"	(105)	.16"	(4.0)	Natural	100
111-04311	<b>T40L9M4</b>	T40L	–	40 lbs	(180)	14.4"	(365)	4.13"	(105)	.16"	(4.0)		1000
111-04301	<b>T40L0C2</b>	T40L	–	40 lbs	(180)	14.4"	(365)	4.13"	(105)	.16"	(4.0)	Black	100
111-04305	<b>T40L0M4</b>	T40L	–	40 lbs	(180)	14.4"	(365)	4.13"	(105)	.16"	(4.0)		1000
<b>T50S</b>													
111-05811	<b>T50S9C2</b>	T50S	–	50 lbs	(225)	5.9"	(150)	1.38"	(35)	.18"	(4.6)	Natural	100
111-05813	<b>T50S9M4</b>	T50S	–	50 lbs	(225)	5.9"	(150)	1.38"	(35)	.18"	(4.6)		1000
111-05806	<b>T50S0C2</b>	T50S	–	50 lbs	(225)	5.9"	(150)	1.38"	(35)	.18"	(4.6)	Black	100
111-05808	<b>T50S0M4</b>	T50S	–	50 lbs	(225)	5.9"	(150)	1.38"	(35)	.18"	(4.6)		1000
<b>T50R</b>													
112-05019	<b>T50R9C2</b>	T50R	MS3367-1-9	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Natural	100
111-04862	<b>T50R9M4</b>	T50R	MS3367-1-9	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
111-04878	<b>T50R0C2</b>	T50R	*	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Black	100
111-04846	<b>T50R0M4</b>	T50R	*	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
<b>T50I</b>													
112-05219	<b>T50I9C2</b>	T50I	MS3367-7-9	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)	Natural	100
111-05230	<b>T50I9M4</b>	T50I	MS3367-7-9	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)		1000
111-00444	<b>T50I0C2</b>	T50I	*	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)	Black	100
111-05216	<b>T50I0M4</b>	T50I	*	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)		1000
<b>T50L</b>													
112-05419	<b>T50L9C2</b>	T50L	MS3367-2-9	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Natural	100
111-05449	<b>T50L9M4</b>	T50L	MS3367-2-9	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-00445	<b>T50L0C2</b>	T50L	*	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Black	100
111-00504	<b>T50L0M4</b>	T50L	*	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000

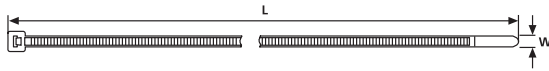
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes.

Use **Part No.** for ordering and **Type** for specification purposes.

\* Military black available. Contact HellermannTyton for more information.

# Cable Ties

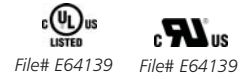
## Heavy Duty Cable Ties



Material Data	
Material	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



## T120 Series



Product Selection											
Article No.	Part No.	Type	US Gov. Designation	Min. Tensile Strength		Length (L)		Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
				lbs. (N)	in. (mm)	in. (mm)	in. (mm)				
<b>T120S</b>											
111-12819	T120S9K2	T120S	-	120 lbs (535)	8.85" (225)	2.17" (55)	.30" (7.6)	Natural	50		
111-12813	T120S9H4	T120S	-	120 lbs (535)	8.85" (225)	2.17" (55)	.30" (7.6)	Black	500		
111-12803	T120S0K2	T120S	-	120 lbs (535)	8.85" (225)	2.17" (55)	.30" (7.6)	Black	50		
111-12808	T120S0H4	T120S	-	120 lbs (535)	8.85" (225)	2.17" (55)	.30" (7.6)	Black	500		
<b>T120I</b>											
111-12211	T120I9K2	T120I	-	120 lbs (535)	11.81" (300)	3.15" (80)	.30" (7.6)	Natural	50		
111-12213	T120I9H4	T120I	-	120 lbs (535)	11.81" (300)	3.15" (80)	.30" (7.6)	Black	500		
111-12201	T120I0K2	T120I	-	120 lbs (535)	11.81" (300)	3.15" (80)	.30" (7.6)	Black	50		
111-12206	T120I0H4	T120I	-	120 lbs (535)	11.81" (300)	3.15" (80)	.30" (7.6)	Black	500		
<b>T120R</b>											
112-12019	T120R9K2	T120R	MS3367-3-9	120 lbs (535)	15.24" (387)	4.13" (105)	.30" (7.6)	Natural	50		
111-12036	T120R9H4	T120R	MS3367-3-9	120 lbs (535)	15.24" (387)	4.13" (105)	.30" (7.6)	Black	500		
112-12060	T120R0K2	T120R	*	120 lbs (535)	15.24" (390)	4.13" (105)	.30" (7.6)	Black	50		
111-12013	T120R0H4	T120R	*	120 lbs (535)	15.24" (387)	4.13" (105)	.30" (7.6)	Black	500		
<b>T120L</b>											
111-12419	T120L9K2	T120L	MS3367-6-9	120 lbs (535)	30.0" (760)	8.85" (225)	.30" (7.6)	Natural	50		
111-12405	T120L0K2	T120L	*	120 lbs (535)	30.0" (760)	8.85" (225)	.30" (7.6)	Black	50		

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes. \*Military black available. Contact HellermannTyton for more information.



## T150 Series

Product Selection											
Article No.	Part No.	Type	US Gov. Designation	Min. Tensile Strength		Length (L)		Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
				lbs. (N)	in. (mm)	in. (mm)	in. (mm)				
<b>T150R</b>											
111-15203	T150R9X2	T150R(U)	-	175 lbs (780)	15.35" (390)	4.13" (105)	.35" (8.8)	Natural	25		
111-15200	T150R0X2	T150R(U)	-	175 lbs (780)	15.35" (390)	4.13" (105)	.35" (8.8)	Black	25		
<b>T150M</b>											
111-15619	T150M9X2	T150M	-	175 lbs (780)	21.00" (530)	5.91" (150)	.35" (8.9)	Natural	25		
111-00124	T150M0X2	T150M	-	175 lbs (780)	21.00" (530)	5.91" (150)	.35" (8.9)	Black	25		
<b>T150L</b>											
111-15419	T150L9X2	T150L	-	175 lbs (780)	32.28" (820)	9.65" (245)	.35" (8.9)	Natural	25		
111-15405	T150L0X2	T150L	-	175 lbs (780)	32.28" (820)	9.65" (245)	.35" (8.9)	Black	25		
<b>T150LL</b>											
111-15719	T150LL9X2	T150LL	-	175 lbs (780)	36.42" (925)	10.83" (275)	.35" (8.9)	Natural	25		
111-15700	T150LL0X2	T150LL	-	175 lbs (780)	36.42" (925)	10.83" (275)	.35" (8.9)	Black	25		
<b>T150XL</b>											
111-15519	T150XL9X2	T150XL	-	175 lbs (780)	43.11" (1095)	13.00" (330)	.35" (8.9)	Natural	25		
111-15500	T150XL0X2	T150XL	-	175 lbs (780)	43.11" (1095)	13.00" (330)	.35" (8.9)	Black	25		
<b>T150XLL</b>											
111-15304	T150XLL9X2	T150XLL	-	175 lbs (780)	52.17" (1325)	15.95" (405)	.35" (8.9)	Natural	25		
111-15300	T150XLL0X2	T150XLL	-	175 lbs (780)	52.17" (1325)	15.95" (405)	.35" (8.9)	Black	25		

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Wide Strap Heavy Duty Cable Ties

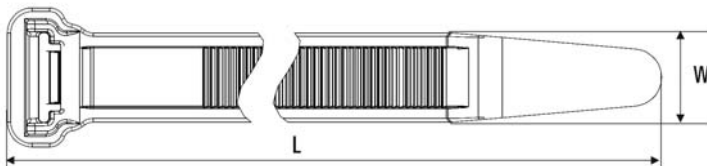
The wide strap cable tie minimizes pinching on soft bundles and features a low profile head to provide compact bundling. A thinner strap provides increased flexibility for improved ergonomics.

- Wide strap is designed to minimize pinching of soft hoses and convoluted tubing
- Low profile head
- Clamping rails on the bottom of head to increase grip on round bundles
- Accommodates a large range of bundle diameters: .375" - 4.125" (9.5mm - 104.7mm)
- Flexible strap
- Bent tip for quick insertion into mounts



Material Data

Material	<b>Polyamide 6.6 high impact modified, heat stabilized (PA66HIRHS)</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>



Product Selection

Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
			lbs. (N)		in. (mm)		in. (mm)		in. (mm)			
<b>WSS</b>												
111-12303	<b>111-12303</b>	WSS	120 lbs (534)		9.1" (231.14)		2.25" (57.15)		.5" (12.7)		Black	60
111-12300	<b>111-12300</b>	WSS	120 lbs (534)		9.1" (231.14)		2.25" (57.15)		.5" (12.7)		Black	300
<b>WSI</b>												
111-12304	<b>111-12304</b>	WSI	120 lbs (534)		12.1" (307.34)		3.25" (82.55)		.5" (12.7)		Black	60
111-12301	<b>111-12301</b>	WSI	120 lbs (534)		12.1" (307.34)		3.25" (82.55)		.5" (12.7)		Black	300
<b>WSR</b>												
111-12305	<b>111-12305</b>	WSR	120 lbs (534)		15.1" (383.54)		4.125" (104.78)		.5" (12.7)		Black	60
111-12302	<b>111-12302</b>	WSR	120 lbs (534)		15.1" (383.54)		4.125" (104.78)		.5" (12.7)		Black	300

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Cable Ties

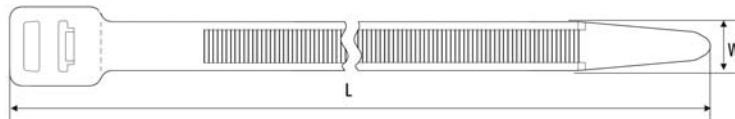
### Heavy Duty Cable Ties T250 Series

These cable ties offer a high minimum tensile strength and have a buckle feature which allows the end of the cable tie to be tucked away if necessary. The buckle also snaps into HellermannTyton LTM, lashing tie mounts.



T250 heavy duty cable tie and lashing tie mount application

Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



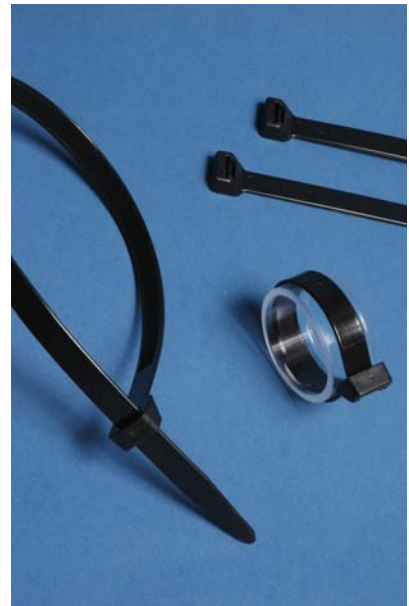
Product Selection												
Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
			lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
<b>T250S</b>												
111-24702	<b>T250S9X2</b>	T250S	250 lbs	(1115)	9.05"	(230)	2.17"	(55)	.49"	(12.5)	Natural	25
111-24700	<b>T250S0X2</b>	T250S	250 lbs	(1115)	9.05"	(230)	2.17"	(55)	.49"	(12.5)	Black	25
<b>T250R</b>												
111-24803	<b>T250R9X2</b>	T250R	250 lbs	(1115)	20.47"	(520)	5.71"	(145)	.49"	(12.5)	Natural	25
111-24801	<b>T250R0X2</b>	T250R	250 lbs	(1115)	20.47"	(520)	5.71"	(145)	.49"	(12.5)	Black	25
<b>T250M</b>												
111-25002	<b>T250M9X2</b>	T250M	250 lbs	(1115)	22.24"	(565)	5.90"	(150)	.49"	(12.5)	Natural	25
111-25001	<b>T250M0X2</b>	T250M	250 lbs	(1115)	22.24"	(565)	5.90"	(150)	.49"	(12.5)	Black	25
<b>T250I</b>												
111-25219	<b>T250I9X2</b>	T250I	250 lbs	(1115)	28.54"	(725)	8.00"	(203)	.49"	(12.5)	Natural	25
111-00507	<b>T250I0X2</b>	T250I	250 lbs	(1115)	28.54"	(725)	8.00"	(203)	.49"	(12.5)	Black	25
<b>T250L</b>												
111-00436	<b>T250L9X2</b>	T250L	250 lbs	(1115)	34.65"	(880)	10.00"	(254)	.49"	(12.5)	Natural	25
111-24601	<b>T250L0X2</b>	T250L	250 lbs	(1115)	34.65"	(880)	10.00"	(254)	.49"	(12.5)	Black	25
<b>T250XL</b>												
111-00466	<b>T250XL9X2</b>	T250XL	250 lbs	(1115)	40.55"	(1030)	12.00"	(305)	.49"	(12.5)	Natural	25
111-25200	<b>T250XL0X2</b>	T250XL	250 lbs	(1115)	40.55"	(1030)	12.00"	(305)	.49"	(12.5)	Black	25

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

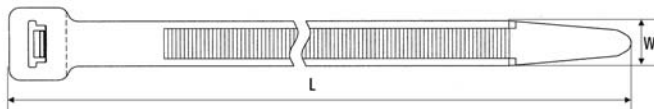
## Heavy Duty Cable Ties

### T255 Series

HellermannTyton's T255 series heavy duty cable ties are ideal for bundles requiring a strong cable tie that may also require a higher temperature rating than the T250 series. These ties have a tensile strength of 250 lbs.



Material Data	
Material	Polyamide 6.6 high impact modified, heat stabilized (PA66HIRHS)
Operating Temperature	-40 °F to +230 °F (-40 °C to +110 °C) continuous
Flammability	UL94 HB



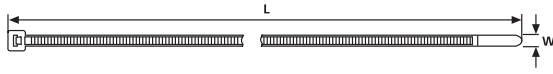
Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
111-25500	T255S0HIRX2	T255S	250 lbs (1115)	8.86" (225)	2.16" (55)	.49" (12.5)	Black	25
111-25400	T255R0HIRX2	T255R	250 lbs (1115)	20.28" (520)	5.71" (145)	.49" (12.5)	Black	25
111-25300	T255M0HIRX2	T255M	250 lbs (1115)	22.05" (565)	6.30" (160)	.49" (12.5)	Black	25

Installation tools - MK9, MK9HT, MK9P.

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

# Cable Ties

## Standard Cable Ties T18R and T30R Series - Colors



Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



File# E64139

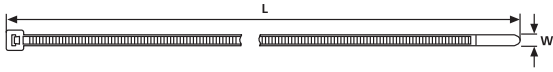
File# E64139

Product Selection												
Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)	Color	Pkg. Qty.	
			lbs.	(N)	in.	(mm)	in.	(mm)	in.			(mm)
<b>T18R</b>												
116-01811	<b>T18R1C2</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Brown	100
111-01849	<b>T18R1M4</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Red	1000
111-01880	<b>T18R2C2</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		100
111-01882	<b>T18R2M4</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Orange	1000
116-01813	<b>T18R3C2</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		100
111-01877	<b>T18R3M4</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Yellow	1000
111-01896	<b>T18R4C2</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		100
111-01898	<b>T18R4M4</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Green	1000
111-01853	<b>T18R5C2</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		100
111-01855	<b>T18R5M4</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Blue	1000
111-01842	<b>T18R6C2</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		100
111-01845	<b>T18R6M4</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Purple	1000
116-01817	<b>T18R7C2</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		100
111-01888	<b>T18R7M4</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Gray	1000
111-01857	<b>T18R8C2</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		100
111-01859	<b>T18R8M4</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	White	1000
116-01819	<b>T18R10C2</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		100
111-01892	<b>T18R10M4</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	1000	
<b>T30R</b>												
116-03011	<b>T30R1C2</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Brown	100
111-03038	<b>T30R1M4</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Red	1000
116-03012	<b>T30R2C2</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		100
111-03056	<b>T30R2M4</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Orange	1000
116-03013	<b>T30R3C2</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		100
111-03052	<b>T30R3M4</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Yellow	1000
116-03014	<b>T30R4C2</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		100
111-03065	<b>T30R4M4</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Green	1000
116-03015	<b>T30R5C2</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		100
111-03041	<b>T30R5M4</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Blue	1000
116-03016	<b>T30R6C2</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		100
111-03036	<b>T30R6M4</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Purple	1000
116-03017	<b>T30R7C2</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		100
111-03062	<b>T30R7M4</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Gray	1000
116-03018	<b>T30R8C2</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		100
111-03061	<b>T30R8M4</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	White	1000
111-03019	<b>T30R10C2</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		100
116-03064	<b>T30R10M4</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	1000	

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. MK9 and MK9P tools cannot be used to install T18S cable ties.

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Standard Cable Ties T50R and T50L Series - Colors



Material Data	
Material	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



File# E64139



File# E64139

Product Selection

Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
			lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
<b>T50R</b>												
116-05011	<b>T50R1C2</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Brown	100
111-04852	<b>T50R1M4</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
116-05012	<b>T50R2C2</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Red	100
111-04868	<b>T50R2M4</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
116-05013	<b>T50R3C2</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Orange	100
111-04865	<b>T50R3M4</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
116-05014	<b>T50R4C2</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Yellow	100
111-04892	<b>T50R4M4</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
116-05015	<b>T50R5C2</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Green	100
111-04854	<b>T50R5M4</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
116-05016	<b>T50R6C2</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Blue	100
111-04849	<b>T50R6M4</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
116-05017	<b>T50R7C2</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Purple	100
111-04877	<b>T50R7M4</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
111-04870	<b>T50R8C2</b>	T50R	50 lbs	(225)	7.9"	(202)	1.97"	(50)	.18"	(4.6)	Gray	100
111-04872	<b>T50R8M4</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
116-05019	<b>T50R10C2</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	White	100
111-04879	<b>T50R10M4</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
<b>T50L</b>												
111-05443	<b>T50L1C2</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Brown	100
111-05444	<b>T50L1M4</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05457	<b>T50L2C2</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Red	100
111-05458	<b>T50L2M4</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05451	<b>T50L3C2</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Orange	100
111-05454	<b>T50L3M4</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05467	<b>T50L4C2</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Yellow	100
111-05468	<b>T50L4M4</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05445	<b>T50L5C2</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Green	100
111-00502	<b>T50L5M4</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05431	<b>T50L6C2</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Blue	100
111-05434	<b>T50L6M4</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05464	<b>T50L7C2</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Purple	100
111-00503	<b>T50L7M4</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05461	<b>T50L8C2</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Gray	100
111-05462	<b>T50L8M4</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05466	<b>T50L10C2</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	White	100
111-05465	<b>T50L10M4</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P.

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

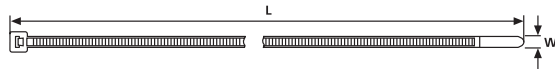


# Cable Ties

## Standard Cable Ties- Specialty Materials T18 -T120 Series - Heat Stabilized

HellermannTyton's heat stabilized cable ties provide excellent resistance when exposed to high heat applications.

Material Data	
Material	Polyamide 6.6 heat stabilized (PA66HS)
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C) continuous
Flammability	UL94 V2



Product Selection												
Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
			lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
<b>T18S</b>												
111-02815	<b>T18S0HSM4</b>	T18S	18 lbs	(80)	3.27"	(83)	.63"	(16)	.09"	(2.3)	Black	1000
<b>T18R</b>												
111-01905	<b>T18R0HSC2</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Black	100
111-00476	<b>T18R0HSM4</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Black	1000
<b>T18I</b>												
111-02305	<b>T18I0HSM4</b>	T18I	18 lbs	(80)	5.5"	(140)	1.38"	(35)	.10"	(2.5)	Black	1000
<b>T18L</b>												
111-00403	<b>T18L0HSC2</b>	T18L	18 lbs	(80)	8.0"	(205)	2.17"	(55)	.10"	(2.5)	Black	100
111-00404	<b>T18L0HSM4</b>	T18L	18 lbs	(80)	8.0"	(205)	2.17"	(55)	.10"	(2.5)	Black	1000
<b>T30R</b>												
111-03067	<b>T30R0HSC2</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Black	100
111-03068	<b>T30R0HSM4</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Black	1000
<b>T50R</b>												
111-04900	<b>T50R0HSC2</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Black	100
111-04901	<b>T50R0HSM4</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Black	1000
<b>T50I</b>												
111-05248	<b>T50I0HSC2</b>	T50I	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)	Black	100
111-05251	<b>T50I0HSM4</b>	T50I	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)	Black	1000
<b>T50L</b>												
111-05470	<b>T50L0HSC2</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Black	100
111-05471	<b>T50L0HSM4</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Black	1000
<b>T120R</b>												
111-12061	<b>T120R0HSK2</b>	T120R	120 lbs	(535)	15.24"	(387)	4.13"	(105)	.30"	(7.6)	Black	50
111-12058	<b>T120R0HSH4</b>	T120R	120 lbs	(535)	15.24"	(387)	4.13"	(105)	.30"	(7.6)	Black	500

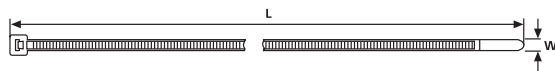
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. (MK9, MK9HT, and MK9P tools cannot be used with T18S cable tie)

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Standard Cable Ties- Specialty Materials T18 -T50 Series - Flame Retardant

HellermannTyton's flame retardant cable ties meet the UL 94V0 flammability requirements.

Material Data	
Material	<b>Polyamide 6.6 V0 (PA66V0)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V0</b>



Product Selection		Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
Article No.	Part No.		lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
<b>T18R</b>												
111-01834	<b>T18R9VOC2</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	White	100
111-01835	<b>T18R9VOM4</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	White	1000
111-01833	<b>T18R0VOC2</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Black	100
<b>T18I</b>												
111-02304	<b>T18I9VOM4</b>	T18I	18 lbs	(80)	5.5"	(144)	1.38"	(35)	.10"	(2.5)	White	1000
<b>T18L</b>												
111-02045	<b>T18L9VOC2</b>	T18L	18 lbs	(80)	7.95"	(202)	2.17"	(55)	.10"	(2.5)	White	100
111-02046	<b>T18L9VOM4</b>	T18L	18 lbs	(80)	7.95"	(202)	2.17"	(55)	.10"	(2.5)	White	1000
111-02044	<b>T18L0VOC2</b>	T18L	18 lbs	(80)	7.95"	(202)	2.17"	(55)	.10"	(2.5)	Black	100
<b>T30R</b>												
111-03073	<b>T30R9VOC2</b>	T30R	30 lbs	(135)	5.83"	(148)	1.38"	(35)	.14"	(3.6)	White	100
111-03074	<b>T30R9VOM4</b>	T30R	30 lbs	(135)	5.83"	(148)	1.38"	(35)	.14"	(3.6)	White	1000
111-03072	<b>T30R0VOC2</b>	T30R	30 lbs	(135)	5.83"	(148)	1.38"	(35)	.14"	(3.6)	Black	100
<b>T50R</b>												
111-04909	<b>T50R9VOC2</b>	T50R	50 lbs	(225)	7.95"	(202)	1.97"	(50)	.18"	(4.6)	White	100
111-04911	<b>T50R9VOM4</b>	T50R	50 lbs	(225)	7.95"	(202)	1.97"	(50)	.18"	(4.6)	White	1000
111-04887	<b>T50R0VOC2</b>	T50R	50 lbs	(225)	7.95"	(202)	1.97"	(50)	.18"	(4.6)	Black	100
111-04908	<b>T50R0VOM4</b>	T50R	50 lbs	(225)	7.95"	(202)	1.97"	(50)	.18"	(4.6)	Black	1000
<b>T50I</b>												
111-05254	<b>T50I9VOC2</b>	T50I	50 lbs	(225)	11.82"	(300)	3.35"	(85)	.18"	(4.6)	White	100
111-05255	<b>T50I9VOM4</b>	T50I	50 lbs	(225)	11.82"	(300)	3.35"	(85)	.18"	(4.6)	White	1000
111-05258	<b>T50I0VOC2</b>	T50I	50 lbs	(225)	11.82"	(300)	3.35"	(85)	.18"	(4.6)	Black	100
<b>T50L</b>												
111-05438	<b>T50L9VOC2</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.19"	(4.7)	White	100
111-05476	<b>T50L9VOM4</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.19"	(4.7)	White	1000
111-05475	<b>T50L0VOC2</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.19"	(4.7)	Black	100

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P.

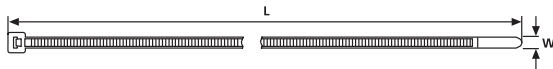
Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Cable Ties

### Standard Cable Ties- Specialty Materials T18 -T120 Series - Polypropylene

HellermannTyton's polypropylene cable ties offer added resistance to most chemicals.

Material Data	
Material	<b>Polypropylene (PP)</b>
Operating Temperature	<b>-40 °F to +239 °F (-40 °C to +115 °C) continuous</b>
Flammability	<b>UL94 HB</b>



Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
<b>T18R</b>								
111-01921	<b>T18R9PPC2</b>	T18R	11 lbs (49)	4" (100)	.75" (19)	.10" (2.5)	Natural	100
111-01922	<b>T18R9PPM4</b>	T18R	11 lbs (49)	4" (100)	.75" (19)	.10" (2.5)	Natural	1000
111-01917	<b>T18R0PPC2</b>	T18R	11 lbs (49)	4" (100)	.75" (19)	.10" (2.5)	Black	100
111-01918	<b>T18R0PPM4</b>	T18R	11 lbs (49)	4" (100)	.75" (19)	.10" (2.5)	Black	1000
<b>T30R</b>								
111-03017	<b>T30R9PPC2</b>	T30R	20 lbs (89)	5.83" (148)	1.26" (32)	.14" (3.6)	Natural	100
<b>T50R</b>								
111-04931	<b>T50R9PPC2</b>	T50R	30 lbs (133)	8.0" (203.8)	1.75" (44.5)	.19" (4.7)	Natural	100
111-04928	<b>T50R0PPC2</b>	T50R	30 lbs (133)	8.0" (203.8)	1.75" (44.5)	.19" (4.7)	Black	100
111-04929	<b>T50R0PPM4</b>	T50R	30 lbs (133)	8.0" (203.8)	1.75" (44.5)	.19" (4.7)	Black	1000
<b>T50I</b>								
111-05262	<b>T50I9PPM4</b>	T50I	30 lbs (133)	11.8" (300)	3.35" (85)	.18" (4.6)	Natural	1000
<b>T50L</b>								
111-05483	<b>T50L9PPM4</b>	T50L	30 lbs (133)	15.35" (390)	4.33" (110)	.18" (4.7)	Natural	1000
111-05482	<b>T50L0PPC2</b>	T50L	30 lbs (133)	15.35" (390)	4.33" (110)	.18" (4.7)	Black	100
<b>T120R</b>								
111-12067	<b>T120R0PPK2</b>	T120R	60 lbs (267)	15.35" (390)	4.13" (105)	.30" (7.6)	Black	50
111-12066	<b>T120R0PPH4</b>	T120R	60 lbs (267)	15.35" (390)	4.13" (105)	.30" (7.6)	Black	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P.

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

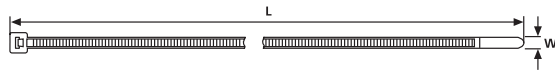
### Cable Ties for Plenum Applications

HellermannTyton halar and U.L. Listed cable ties meet NEC regulations and can be used in applications where low smoke and low flame are a concern in air handling spaces.



### Halar Cable Ties

The raw material used to manufacture HellermannTyton halar cable ties is UL 94V0 rated. The halar ties come in a distinct color of red for easy identification.



Material Data	
Material	PA66HL
Operating Temperature	-104 °F to +300 °F (-76 °C to +150 °C) continuous
Flammability	UL94 V0

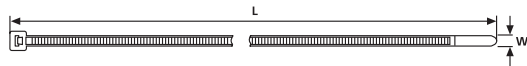


Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
111-01900	T18R2HALC2	T18R	14 lbs (80)	4" (100)	.87" (22)	.10" (2.45)	Red	100
111-01902	T18R2HALM4	T18R	14 lbs (80)	4" (100)	.87" (22)	.10" (2.45)	Red	1000
111-04895	T50R2HALC2	T50R	40 lbs (177.9)	8.0" (203.2)	1.75" (44.45)	.176" (4.5)	Red	100
111-04897	T50R2HALM4	T50R	40 lbs (177.9)	8.0" (203.2)	1.75" (44.45)	.176" (4.5)	Red	1000
111-12056	T120R2HALK2	T120R	80 lbs (355.9)	15.5" (394.4)	4.0" (101.6)	.31" (7.8)	Red	50
111-12055	T120R2HALH4	T120R	80 lbs (355.9)	15.5" (394.4)	4.0" (101.6)	.31" (7.8)	Red	500

Note: Halar ties are also available in natural color. Contact HellermannTyton for availability. Halar is a registered trademark of Solvay S.A.

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### UL Rated Cable Ties



Material Data	
Material	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



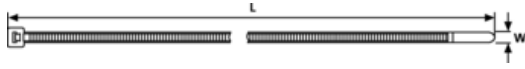
Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
111-00508	T18R9C2UL	T18R	18 lbs (80)	4" (100)	.86" (22)	.10" (2.5)	Natural	100
111-00509	T18R9M4UL	T18R	18 lbs (80)	4" (100)	.86" (22)	.10" (2.5)	Natural	1000
111-00510	T18R2C2UL	T18R	18 lbs (80)	4" (100)	.86" (22)	.10" (2.5)	Red	100
111-00511	T18R2M4UL	T18R	18 lbs (80)	4" (100)	.86" (22)	.10" (2.5)	Red	1000
111-00512	T50R9C2UL	T50R	50 lbs (225)	7.9" (200)	1.97" (50)	.18" (4.6)	Natural	100
111-00513	T50R9M4UL	T50R	50 lbs (225)	7.9" (200)	1.97" (50)	.18" (4.6)	Natural	1000
111-00514	T50R2C2UL	T50R	50 lbs (225)	7.9" (200)	1.97" (50)	.18" (4.6)	Red	100
111-00515	T50R2M4UL	T50R	50 lbs (225)	7.9" (200)	1.97" (50)	.18" (4.6)	Red	1000
111-00516	T50I9C2UL	T50I	50 lbs (225)	11.8" (300)	3.35" (85)	.18" (4.6)	Natural	100
111-00517	T50I9M4UL	T50I	50 lbs (225)	11.8" (300)	3.35" (85)	.18" (4.6)	Natural	1000
111-00518	T50I2C2UL	T50I	50 lbs (225)	11.8" (300)	3.35" (85)	.18" (4.6)	Red	100
111-00519	T50I2M4UL	T50I	50 lbs (225)	11.8" (300)	3.35" (85)	.18" (4.6)	Red	1000
111-00520	T50L9C2UL	T50L	50 lbs (225)	15.35" (390)	4.33" (110)	.18" (4.6)	Natural	100
111-00521	T50L9M4UL	T50L	50 lbs (225)	15.35" (390)	4.33" (110)	.18" (4.6)	Natural	1000
111-00522	T50L2C2UL	T50L	50 lbs (225)	15.35" (390)	4.33" (110)	.18" (4.6)	Red	100
111-00523	T50L2M4UL	T50L	50 lbs (225)	15.35" (390)	4.33" (110)	.18" (4.6)	Red	1000

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Cable Ties

### Tefzel® Cable Ties

Tefzel ties provide excellent protection against radiation, ultraviolet light, and a wide range of chemicals. They are also rated for low outgassing applications. HellermannTyton's Tefzel ties come in a standard color of blue for easy identification.



Material Data	
Material	<b>Ethylentetrafluoroethylene - Tefzel (E/TFE)</b>
Operating Temperature	<b>-112 °F to +302 °F (-80 °C to +150 °C) continuous</b>
Flammability	<b>UL94 V0</b>



Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
111-01923	<b>T18R6TZC2</b>	T18R(U)	9.0 lbs (40)	4" (100)	.87" (22)	.10" (2.5)	Blue	100
111-01924	<b>T18R6TZM4</b>	T18R(U)	9.0 lbs (40)	4" (100)	.87" (22)	.10" (2.5)	Blue	1000
111-05026	<b>T50R6TZC2</b>	T50R(U)	35.5 lbs (158)	8" (200)	1.75" (50)	.18" (4.6)	Blue	100
111-04933	<b>T50R6TZM4</b>	T50R(U)	35.5 lbs (158)	8" (200)	1.75" (50)	.18" (4.6)	Blue	1000
111-12026	<b>T120R6TZK2</b>	T120R	70 lbs (311)	15" (380)	4.0" (100)	.30" (7.6)	Blue	50

Tefzel is a registered trademark of E.I. DuPont Corporation. Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P.

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Outside Serrated Cable Ties

The outside serrated cable ties are for specific applications where thin walled or soft insulation is used (such as in aircraft, trains, etc.) and for applications that are very sensitive to the amount of force applied to the cable.

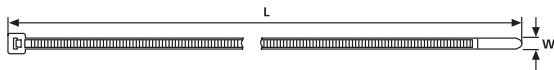


Material Data	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Outside serrated cable ties are also available in natural.

Contact HellermannTyton for more information.



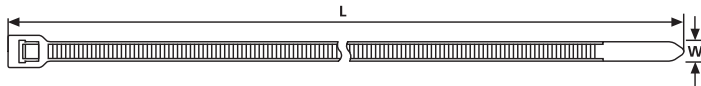
Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
118-04700	<b>118-04700</b>	T18ROS	18 lbs (80)	3.94" (100)	.79" (20)	.10" (2.5)	Black	100
118-04800	<b>118-04800</b>	T30ROS	30 lbs (135)	5.71" (145)	1.34" (35)	.13" (3.4)	Black	100
118-04900	<b>118-04900</b>	T30LOS	30 lbs (135)	7.87" (200)	2.0" (50)	.13" (3.4)	Black	100
118-05850	<b>118-05850</b>	T50SOS	50 lbs (225)	5.9" (150)	1.38" (35)	.18" (4.6)	Black	100
118-05050	<b>118-05050</b>	T50ROS	50 lbs (225)	8" (200)	1.95" (50)	.18" (4.6)	Black	100
118-05900	<b>118-05900</b>	T50LOS	50 lbs (225)	15" (384)	4.29" (110)	.18" (4.6)	Black	100

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Releasable Ties

The extended pawl allows for simple and quick release of the ties. Perfect for prototype construction and service requiring the addition of wires on existing harnesses.

Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F</b> <b>(-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



RT40R



RT50S and RT50LL

**US**  
File# E64139

Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
<b>RT40R</b>								
115-06219	<b>RT40R9C2</b>	RT40R	34 lbs (150)	8.46" (215)	2.0" (51)	.16" (4.0)	Natural	100
115-06204	<b>RT40R9M4</b>	RT40R	34 lbs (150)	8.46" (215)	2.0" (51)	.16" (4.0)		1000
115-06200	<b>RT40R0C2</b>	RT40R	34 lbs (150)	8.46" (215)	2.0" (51)	.16" (4.0)	Black	100
115-06202	<b>RT40R0M4</b>	RT40R	34 lbs (150)	8.46" (215)	2.0" (51)	.16" (4.0)		1000
<b>RT50S</b>								
115-06319	<b>RT50S9C2</b>	RT50S	50 lbs (225)	6.5" (165)	1.38" (35)	.18" (4.6)	Natural	100
115-06304	<b>RT50S9M4</b>	RT50S	50 lbs (225)	6.5" (165)	1.38" (35)	.18" (4.6)		1000
115-06300	<b>RT50S0C2</b>	RT50S	50 lbs (225)	6.5" (165)	1.38" (35)	.18" (4.6)	Black	100
115-00035	<b>RT50S0M4</b>	RT50S	50 lbs (225)	6.5" (165)	1.38" (35)	.18" (4.6)		1000
<b>RT50LL</b>								
115-06102	<b>RT50LL9C2</b>	RT50LL	50 lbs (225)	15" (380)	3.98" (101)	.18" (4.6)	Natural	100
115-06104	<b>RT50LL9M4</b>	RT50LL	50 lbs (225)	15" (380)	3.98" (101)	.18" (4.6)		1000
115-00039	<b>RT50LL0C2</b>	RT50LL	50 lbs (225)	15" (380)	3.98" (101)	.18" (4.6)	Black	100
115-06101	<b>RT50LL0M4</b>	RT50LL	50 lbs (225)	15" (380)	3.98" (101)	.18" (4.6)		1000

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

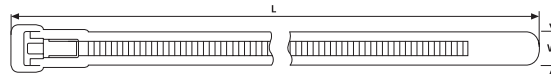
## Cable Ties

### REL Releasable Ties

Ideal for use in applications where there is the need to repeatedly open and close the tie.



Material Data		RoHS
Material	<b>Polyamide 6.6 (PA66)</b>	
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>	
Flammability	<b>UL94 V2</b>	

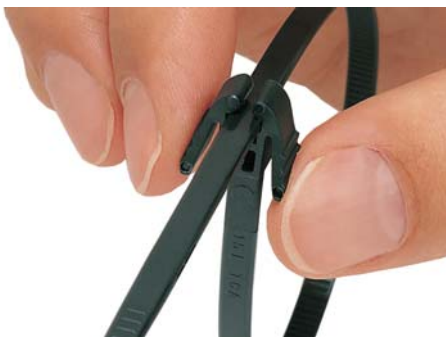


Product Selection												
Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
			lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
<b>REL50R</b>												
115-00503	<b>REL50R9C2</b>	REL50R	50 lbs	(225)	5.5"	(140)	1.38"	(35)	.29"	(7.4)	Natural	100
115-00505	<b>REL50R9L4</b>	REL50R	50 lbs	(225)	5.5"	(140)	1.38"	(35)	.29"	(7.4)		200
115-00500	<b>REL50R0C2</b>	REL50R	50 lbs	(225)	5.5"	(140)	1.38"	(35)	.29"	(7.4)		Black
115-00502	<b>REL50R0L4</b>	REL50R	50 lbs	(225)	5.5"	(140)	1.38"	(35)	.29"	(7.4)	200	
<b>REL50L</b>												
115-00605	<b>REL50L9C2</b>	REL50L	50 lbs	(225)	9.84"	(250)	2.76"	(70)	.29"	(7.4)	Natural	100
115-00607	<b>REL50L9L4</b>	REL50L	50 lbs	(225)	9.84"	(250)	2.76"	(70)	.29"	(7.4)		200
115-00600	<b>REL50L0C2</b>	REL50L	50 lbs	(225)	9.84"	(250)	2.76"	(70)	.29"	(7.4)		Black
115-00602	<b>REL50L0L4</b>	REL50L	50 lbs	(225)	9.84"	(250)	2.76"	(70)	.29"	(7.4)	200	

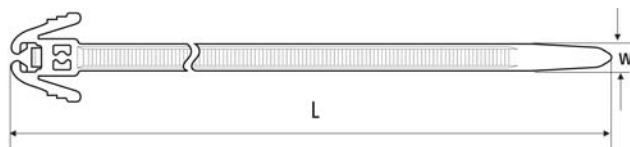
Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Pinch Releasable Ties

Patented pinch release mechanism for easy handling allows tie to be released using one hand.



Material Data		RoHS
Material	<b>Polyamide 6.6 (PA66)</b>	
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>	
Flammability	<b>UL94 V2</b>	



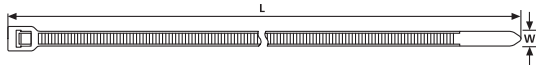
Product Selection												
Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
			lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
115-40200	<b>REZ200.NB3P</b>	REZ200	30 lbs	(135)	7.88"	(200)	1.97"	(50)	.19"	(4.7)	Black	100
115-40300	<b>REZ300.NB3P</b>	REZ300	30 lbs	(135)	12.00"	(305)	3.15"	(80)	.19"	(4.7)	Black	100

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Heavy Duty Releasable Cable Ties

The RT150 and RT250 heavy duty releasable cable ties feature an extended pawl which allows for simple and quick release of the ties.

### RT150 Heavy Duty Releasable Cable Ties



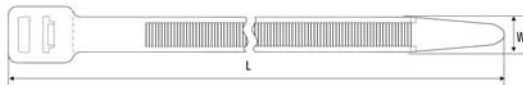
Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F</b> <b>(-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
115-00036	<b>RT150REP0X2</b>	RT150REP	175 lbs (780)	15.35" (390)	4" (105)	.346" (8.8)	Black	25
115-00037	<b>RT150MEP0X2</b>	RT150MEP	175 lbs (780)	21.06" (535)	5.90" (150)	.346" (8.8)	Black	25
115-00038	<b>RT150LEP0X2</b>	RT150LEP	175 lbs (780)	32.28" (820)	9.65" (245)	.346" (8.8)	Black	25

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### RT250 Heavy Duty Releasable Cable Ties



Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F</b> <b>(-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



**UL**  
US  
File# E64139

Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
<b>RT250S</b>								
131-75819	<b>RT250S9X2</b>	RT250S	250 lbs (1115)	9.05" (230)	2.17" (55)	.49" (12.5)	Natural	25
115-41800	<b>RT250S0X2</b>	RT250S	250 lbs (1115)	9.05" (230)	2.17" (55)	.49" (12.5)	Black	25
<b>RT250R</b>								
131-75019	<b>RT250R9X2</b>	RT250R	250 lbs (1115)	20.47" (520)	5.71" (145)	.49" (12.5)	Natural	25
115-41300	<b>RT250R0X2</b>	RT250R	250 lbs (1115)	20.47" (520)	5.71" (145)	.49" (12.5)	Black	25
<b>RT250M</b>								
131-75619	<b>RT250M9X2</b>	RT250M	250 lbs (1115)	22.24" (565)	5.90" (150)	.49" (12.5)	Natural	25
131-75610	<b>RT250M0X2</b>	RT250M	250 lbs (1115)	22.24" (565)	5.90" (150)	.49" (12.5)	Black	25
<b>RT250I</b>								
131-75219	<b>RT250I9X2</b>	RT250I	250 lbs (1115)	28.54" (725)	8.00" (203)	.49" (12.5)	Natural	25
115-41401	<b>RT250I0X2</b>	RT250I	250 lbs (1115)	28.54" (725)	8.00" (203)	.49" (12.5)	Black	25
<b>RT250L</b>								
131-75419	<b>RT250L9X2</b>	RT250L	250 lbs (1115)	34.65" (880)	10.00" (254)	.49" (12.5)	Natural	25
115-41500	<b>RT250L0X2</b>	RT250L	250 lbs (1115)	34.65" (880)	10.00" (254)	.49" (12.5)	Black	25
<b>RT250XL</b>								
131-75519	<b>RT250XL9X2</b>	RT250XL	250 lbs (1115)	40" (1016.0)	12" (304.8)	.49" (12.5)	Natural	25
131-75510	<b>RT250XL0X2</b>	RT250XL	250 lbs (1115)	40" (1016.0)	12" (304.8)	.49" (12.5)	Black	25

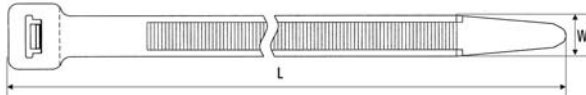
Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.



## Cable Ties

### Heavy Duty Releasable Cable Ties RT255 Heavy Duty Releasable Ties

Material Data	
Material	<b>Polyamide 6.6 high impact modified, heat stabilized (PA66HIRHS)</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>



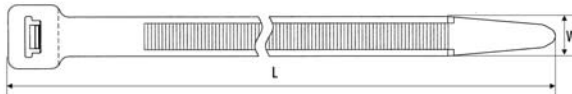
Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
115-01200	<b>RT255S0HIRX2</b>	RT255S	250 lbs (1112)	8.86" (225)	2.16" (55)	.49" (12.5)	Black	25
115-01300	<b>RT255R0HIRX2</b>	RT255R	250 lbs (1112)	20.28" (515)	5.71" (145)	.49" (12.5)	Black	25
115-01400	<b>RT255M0HIRX2</b>	RT255M	250 lbs (1112)	22.05" (560)	6.30" (160)	.49" (12.5)	Black	25

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### SR255 Heavy Duty Sub-Releasable Ties

The SR255 series releasable heavy duty cable tie offers a release that is lower than the head of the cable tie, facilitating easy installation with the use of a HellermannTyton cable tie tool.

Material Data	
Material	<b>Polyamide 6.6 high impact modified, heat stabilized (PA66HIRHS)</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>



Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
115-42002	<b>SR255S0HIHSUVX2</b>	SR255S	250 lbs (1112)	8.86" (225)	2.16" (50)	.49" (12.5)	Black	25
115-42101	<b>SR255X0HIHSUVX2</b>	SR255X	250 lbs (1112)	14" (372)	3.94" (100)	.49" (12.5)	Black	25

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

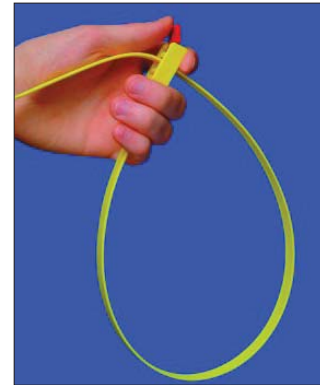
## Speedy Tie

An entirely new design in cable management, the SpeedyTie is a fully re-usable, easily releasable lashing tie. The SpeedyTie's unique design allows it to be released with one hand.

- Just one click to tie and untie
- Fully re-usable
- Once applied, the tail can be neatly tucked away for added safety
- Highly visible yellow color — also available in black, high impact modified material
- Versatile design allows use for multiple applications

The SpeedyTie is a versatile tool for countless applications:

- Electrical Contractors
- Heating & Ventilation Contractors
- Residential Construction
- General and Heavy Industry
- Packaging
- Tubing and Pipe Bundling
- An "Extra Hand" for Overhead Installations
- In Plant Transfer of Products



SpeedyTie - Quick and easy.



Speedy Tie is particularly suited for temporary but safe bundling or fixing.

### Packaging Configurations

#### Distributor Packs

- Printed bag with a hang hole
- Display box
- 60 SpeedyTies - 12 bags of 5

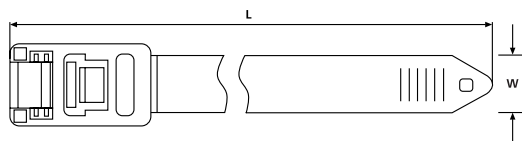
#### OEM Packs

- Plain bag (no hang hole)
- Standard box
- 300 SpeedyTies - 12 bags of 25



Distributor Pack - point of purchase display for the SpeedyTie.

Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Color	<b>Yellow , Red</b>
Operating Temperature	<b>-40 °F to +185 °F</b> <b>(-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Product Selection		Type	Description	Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Pkg. Qty.	Carton Qty.
Article No.	Part No.			lbs. (N)	in. (mm)	in. (mm)	in. (mm)		
115-00001	<b>RTT750HR.NX900</b>	RTT750HR	Distributor Pack - order in carton qty. only	200 lbs (888)	29.52" (750)	8.27" (210)	.51" (13)	5	60
115-00000	<b>RTT750HR.NX1P</b>	RTT750HR	OEM Pack - order in carton qty. only	200 lbs (888)	29.52" (750)	8.27" (210)	.51" (13)	25	300

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

# Cable Ties

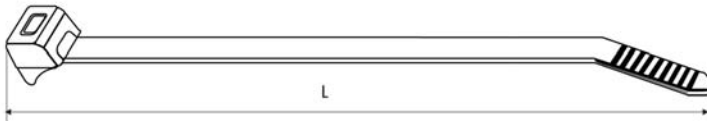
## Clamp Ties

The clamp tie has triangular shaped tabs extending beneath the head, allowing for optimal surface contact and complete circumferential compression to 360 degrees. The clamps are recommended for soft rubber hose applications including fuel, water, and air vacuum lines.



Material Data		RoHS
Color	Natural	
Material	Polyamide 6.6 (PA66)	
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous	
Flammability	UL94 V2	

Material Data		RoHS
Color	Black	
Material	Polyamide 6.6 heat stabilized (PA66HS)	
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C) continuous	
Flammability	UL94 V2	



**US**  
File# E64139

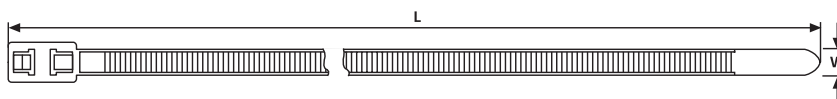
Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
<b>CTT20R</b>								
112-51919	<b>CTT20R9C2</b>	CTT20R	20 lbs (90)	4" (100)	.50" (13)	.10" (2.5)	Natural	100
112-51904	<b>CTT20R9M4</b>	CTT20R	20 lbs (90)	4" (100)	.50" (13)	.10" (2.5)		1000
112-51905	<b>CTT20R0HSC2</b>	CTT20R	20 lbs (90)	4" (100)	.50" (13)	.10" (2.5)	Black	100
112-51960	<b>CTT20R0HSM4</b>	CTT20R	20 lbs (90)	4" (100)	.50" (13)	.10" (2.5)		1000
<b>CTT60R</b>								
112-52104	<b>CTT60R9C2</b>	CTT60R	60 lbs (265)	8" (205)	1.77" (45)	.19" (4.7)	Natural	100
112-52106	<b>CTT60R9M4</b>	CTT60R	60 lbs (265)	8" (205)	1.77" (45)	.19" (4.7)		1000
112-52112	<b>CTT60R0HSC2</b>	CTT60R	60 lbs (265)	8" (205)	1.77" (45)	.19" (4.7)	Black	100
112-52114	<b>CTT60R0HSM4</b>	CTT60R	60 lbs (265)	8" (205)	1.77" (45)	.19" (4.7)		1000

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Double Head Ties

Designed to harness two bundles simultaneously. The second loop may also serve as a positioning device for a single bundle.

Material Data	
Material	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



**US**  
File# E64139

Product Selection		Type	Min. Tensile Strength		Length (L)		Width (W)		Color	Pkg. Qty.
Article No.	Part No.		lbs.	(N)	in.	(mm)	in.	(mm)		
<b>T50SDH</b>										
117-00016	<b>117-00016</b>	T50SDH	50 lbs	(225)	6.26"	(159)	.19"	(4.7)	Natural	100
117-00017	<b>117-00017</b>	T50SDH	50 lbs	(225)	6.26"	(159)	.19"	(4.7)		1000
117-00018	<b>117-00018</b>	T50SDH	50 lbs	(225)	6.26"	(159)	.19"	(4.7)	Black	100
117-00019	<b>117-00019</b>	T50SDH	50 lbs	(225)	6.26"	(159)	.19"	(4.7)		1000
<b>T50RDH</b>										
117-05006	<b>T50RDH9C2</b>	T50RDH	50 lbs	(225)	8.25"	(210)	.19"	(4.7)	Natural	100
117-05008	<b>T50RDH9M4</b>	T50RDH	50 lbs	(225)	8.25"	(210)	.19"	(4.7)		1000
117-05004	<b>T50RDH0C2</b>	T50RDH	50 lbs	(225)	8.25"	(210)	.19"	(4.7)	Black	100
117-05005	<b>T50RDH0M4</b>	T50RDH	50 lbs	(225)	8.25"	(210)	.19"	(4.7)		1000
<b>T50IDH</b>										
117-05302	<b>T50IDH9C2</b>	T50IDH	50 lbs	(225)	12"	(305)	.19"	(4.7)	Natural	100
117-05303	<b>T50IDH9M4</b>	T50IDH	50 lbs	(225)	12"	(305)	.19"	(4.7)		1000
117-05362	<b>T50IDH0C2</b>	T50IDH	50 lbs	(225)	12"	(305)	.19"	(4.7)	Black	100
117-05300	<b>T50IDH0M4</b>	T50IDH	50 lbs	(225)	12"	(305)	.19"	(4.7)		1000
<b>T50LDH</b>										
117-05402	<b>T50LDH9C2</b>	T50LDH	50 lbs	(225)	15.5"	(395)	.19"	(4.7)	Natural	100
117-05461	<b>T50LDH9M4</b>	T50LDH	50 lbs	(225)	15.5"	(395)	.19"	(4.7)		1000
117-05400	<b>T50LDH0C2</b>	T50LDH	50 lbs	(225)	15.5"	(395)	.19"	(4.7)	Black	100
117-05401	<b>T50LDH0M4</b>	T50LDH	50 lbs	(225)	15.5"	(395)	.19"	(4.7)		1000

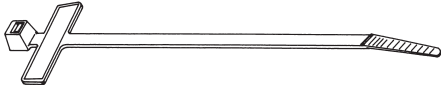
Maximum bundle diameter is variable due to double loops. Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P.

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

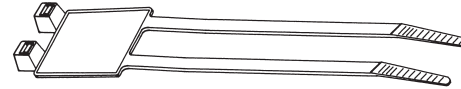
# Cable Ties

## Identification Ties

Tie and identify bundles of cable in one operation. Large flat area for imprinting or writing the required information. Hot stamping available, which is subject to minimums and lead times.



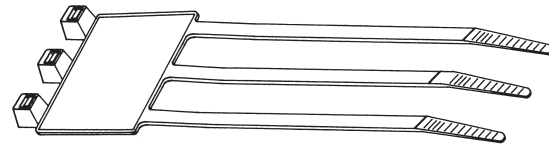
IT18R



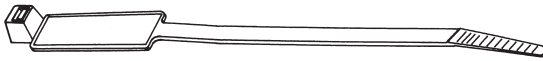
IT50RD



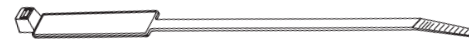
IT18FL



IT50RT



IT50R



IT50L

Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



HellermannTyton offers marking pens for use with the identification ties, see page 179.



### Product Selection

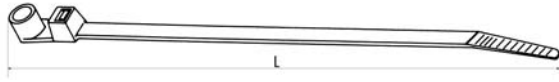
Article No.	Part No.	Type	US Gov. Designation	Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.	
				lbs. (N)	in. (mm)	in. (mm)	in. (mm)			
<b>IT18R</b> Marking Pad Size: .98" x .32" (25 x 8)										
111-81819	<b>IT18R9C2</b>	IT18R	MS3368-5-9E	18 lbs (80)	3.94" (100)	.75" (22.0)	.09" (2.3)	Natural	100	
111-81808	<b>IT18R9L4</b>	IT18R	MS3368-5-9E	18 lbs (80)	3.94" (100)	.75" (22.0)	.09" (2.3)	Natural	200	
111-81801	<b>IT18R0C2</b>	IT18R	*	18 lbs (80)	3.94" (100)	.75" (22.0)	.09" (2.3)	Black	100	
111-81803	<b>IT18R0L4</b>	IT18R	*	18 lbs (80)	3.94" (100)	.75" (22.0)	.09" (2.3)	Black	200	
<b>IT18FL</b> Marking Pad Size: .81" x .35" (20.5 x 9)										
111-81919	<b>IT18FL9C2</b>	IT18FL	-	18 lbs (80)	4.33" (110)	.75" (19.0)	.10" (2.5)	Natural	100	
111-81907	<b>IT18FL9L4</b>	IT18FL	-	18 lbs (80)	4.33" (110)	.75" (19.0)	.10" (2.5)	Natural	200	
111-81910	<b>IT18FL0C2</b>	IT18FL	-	18 lbs (80)	4.33" (110)	.75" (19.0)	.10" (2.5)	Black	100	
111-81903	<b>IT18FL0L4</b>	IT18FL	-	18 lbs (80)	4.33" (110)	.75" (19.0)	.10" (2.5)	Black	200	
<b>IT50R</b> Marking Pad Size: 1.10" x .51" (28 x 12.9)										
111-85019	<b>IT50R9C2</b>	IT50R	MS3368-1-9A	50 lbs (225)	7.99" (203)	1.75" (44.5)	.18" (4.6)	Natural	100	
111-85020	<b>IT50R9M4</b>	IT50R	MS3368-1-9A	50 lbs (225)	7.99" (203)	1.75" (44.5)	.18" (4.6)	Natural	1000	
111-85011	<b>IT50R0C2</b>	IT50R	*	50 lbs (225)	7.99" (203)	1.75" (44.5)	.18" (4.6)	Black	100	
111-85013	<b>IT50R0M4</b>	IT50R	*	50 lbs (225)	7.99" (203)	1.75" (44.5)	.18" (4.6)	Black	1000	
<b>IT50RD</b> Marking Pad Size: 1.14" x 1.04" (46 x 26.3)										
111-85219	<b>IT50RD9K2</b>	IT50RD	MS3368-3-9C	50 lbs (225)	8.07" (205)	1.73" (44.0)	.19" (4.7)	Natural	50	
111-85201	<b>IT50RD0K2</b>	IT50RD	*	50 lbs (225)	8.07" (205)	1.73" (44.0)	.19" (4.7)	Black	50	
<b>IT50RT</b> Marking Pad Size: 1.18" x 1.04" (46 x 26.3)										
111-85119	<b>IT50RT9K2</b>	IT50RT	MS3368-4-9D	50 lbs (225)	8.07" (205)	1.73" (44.0)	.19" (4.7)	Natural	50	
111-85100	<b>IT50RT0K2</b>	IT50RT	*	50 lbs (225)	8.07" (205)	1.73" (44.0)	.19" (4.7)	Black	50	
<b>IT50L</b> Marking Pad Size: .5" x 2.20" (12.8 x 56)										
111-85319	<b>IT50L9C2</b>	IT50L	MS3368-2-9A	50 lbs (225)	15.35" (390)	3.94" (100)	.19" (4.7)	Natural	100	
111-85306	<b>IT50L9M4</b>	IT50L	MS3368-2-9A	50 lbs (225)	15.35" (390)	3.94" (100)	.19" (4.7)	Natural	1000	

Installation tools - MK7, MK7P, MK7HT, MK9. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes. \* Military black available. Contact HellermannTyton for more information.

### Screw Mount Ties

One-piece, all plastic ties for quick, simple cable mounting.

Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Product Selection

Article No.	Part No.	Type	Mounting	Min. Tensile Strength lbs. (N)	Length (L) in. (mm)	Max. Ø Bundle in. (mm)	Width (W) in. (mm)	Color	Pkg. Qty.
<b>T18MR</b>									
113-00026	<b>T18MR9C2</b>	T18MR	# 4 screw	18 lbs (80)	4.33" (110)	.79" (20)	.10" (2.5)	Natural	100
113-00028	<b>T18MR9M4</b>	T18MR		18 lbs (80)	4.33" (110)	.79" (20)	.10" (2.5)	Natural	1000
113-00022	<b>T18MR0C2</b>	T18MR		18 lbs (80)	4.33" (110)	.79" (20)	.10" (2.5)	Black	100
113-00024	<b>T18MR0M4</b>	T18MR		18 lbs (80)	4.33" (110)	.79" (20)	.10" (2.5)	Black	1000
<b>T30MR</b>									
113-03019	<b>T30MR9C2</b>	T30MR	# 8 screw	30 lbs (135)	6.30" (160)	1.26" (32)	.14" (3.5)	Natural	100
113-00036	<b>T30MR9M4</b>	T30MR		30 lbs (135)	6.30" (160)	1.26" (32)	.14" (3.5)	Natural	1000
113-03010	<b>T30MR0C2</b>	T30MR		30 lbs (135)	6.30" (160)	1.26" (32)	.14" (3.5)	Black	100
113-03011	<b>T30MR0M4</b>	T30MR		30 lbs (135)	6.30" (160)	1.26" (32)	.14" (3.5)	Black	1000
<b>T50MR</b>									
113-05004	<b>T50MR9C2</b>	T50MR	# 10 screw	48 lbs (215)	8.46" (215)	1.77" (45)	.18" (4.6)	Natural	100
113-05007	<b>T50MR9M4</b>	T50MR		48 lbs (215)	8.46" (215)	1.77" (45)	.18" (4.6)	Natural	1000
113-05000	<b>T50MR0C2</b>	T50MR		48 lbs (215)	8.46" (215)	1.77" (45)	.18" (4.6)	Black	100
113-05002	<b>T50MR0M4</b>	T50MR		48 lbs (215)	8.46" (215)	1.77" (45)	.18" (4.6)	Black	1000
<b>T50MRT</b>									
113-05101	<b>T50MRT9C2</b>	T50MRT	#6-32 tap thru screw	50 lbs (225)	8.47" (215)	1.77" (45)	.19" (4.7)	Natural	100
113-05102	<b>T50MRT9M4</b>	T50MRT		50 lbs (225)	8.47" (215)	1.77" (45)	.19" (4.7)	Natural	1000
113-05100	<b>T50MRT0C2</b>	T50MRT		50 lbs (225)	8.47" (215)	1.77" (45)	.19" (4.7)	Black	100
113-00037	<b>T50MRT0M4</b>	T50MRT		50 lbs (225)	8.47" (215)	1.77" (45)	.19" (4.7)	Black	1000
<b>T50MI</b>									
113-00032	<b>T50MI9C2</b>	T50MI	# 10 screw	50 lbs (225)	12.40" (315)	3.35" (85)	.19" (4.7)	Natural	100
113-00033	<b>T50MI9M4</b>	T50MI		50 lbs (225)	12.40" (315)	3.35" (85)	.19" (4.7)	Natural	1000
113-00038	<b>T50MI0C2</b>	T50MI		50 lbs (225)	12.40" (315)	3.35" (85)	.19" (4.7)	Black	100
113-00031	<b>T50MI0M4</b>	T50MI		50 lbs (225)	12.40" (315)	3.35" (85)	.19" (4.7)	Black	1000
<b>T50ML</b>									
113-05419	<b>T50ML9C2</b>	T50ML	# 10 screw	50 lbs (225)	15.35" (390)	4.00" (100)	.18" (4.6)	Natural	100
113-05403	<b>T50ML9M4</b>	T50ML		50 lbs (225)	15.35" (390)	4.00" (100)	.18" (4.6)	Natural	1000
113-00007	<b>T50ML0C2</b>	T50ML		50 lbs (225)	15.35" (390)	4.00" (100)	.18" (4.6)	Black	100
113-00035	<b>T50ML0M4</b>	T50ML		50 lbs (225)	15.35" (390)	4.00" (100)	.18" (4.6)	Black	1000
<b>T120MR</b>									
113-12029	<b>T120MR9K2</b>	T120MR	#1/4" screw	120 lbs (535)	15.55" (395)	4.02" (102)	.30" (7.6)	Natural	50
113-00018	<b>T120MR9H4</b>	T120MR		120 lbs (535)	15.55" (395)	4.02" (102)	.30" (7.6)	Natural	500
113-12020	<b>T120MR0K2</b>	T120MR		120 lbs (535)	15.55" (395)	4.02" (102)	.30" (7.6)	Black	50
113-00011	<b>T120MR0H4</b>	T120MR		120 lbs (535)	15.55" (395)	4.02" (102)	.30" (7.6)	Black	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

# Cable Ties

## Fir Tree Mount and Cable Tie Assemblies

HellermannTyton's fir tree mounts provide a secure grip in a mounting hole and protect against dirt and other impurities. The mount can slide along the strap of the tie for proper orientation. The fir tree mounts are designed to provide a low insertion force and high extraction force. These mounts are sold as an assembly with the cable tie.

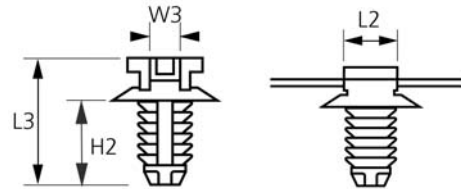
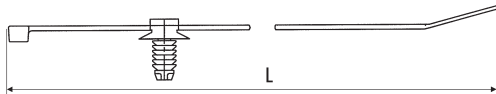


Material Data - All Cable Ties/  
FT7, FT8 and FT10 Mounts

Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>	<b>RoHS</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C)</b>	
Color	<b>Black</b>	
Flammability	<b>UL94 V2</b>	

Material Data - FT5, FT6 and FT6LG Mounts

Material	<b>Polyamide 6.6 high impact modified, heat stabilized (PA66HIRHS)</b>	<b>RoHS</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C)</b>	
Color	<b>Black</b>	
Flammability	<b>UL94 HB</b>	

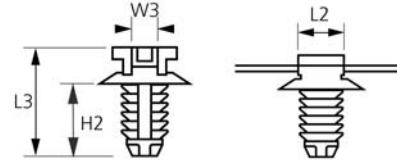
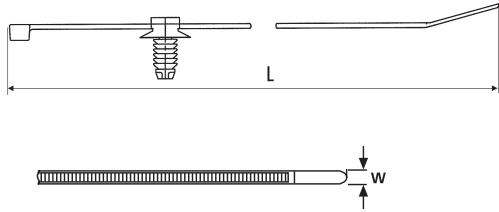


Product Selection

Article No.	Part No.	Type	Min. Tensile Strength lbs. (N)	Max. Ø Bundle in. (mm)	Cable Tie		Mount					Pkg. Qty.
					Length (L) in. (mm)	Width (W) in. (mm)	Disc Ø in. (mm)	Length (L2) in. (mm)	Length (L3) in. (mm)	Width (W3) in. (mm)	Height (H2) in. (mm)	
<b>FT5 - Mounting Hole Ø: .177" - .197" (4.5-5.0mm) - Panel Thickness: .028" - .193" (0.7 - 3.0mm)</b>												
150-55850	<b>150-55850</b>	T30RFT5	30 lbs (135)	1.38" (35)	5.8" (148)	.14" (3.6)	.63" (16.0)	.46" (11.6)	.52" (13.2)	.20" (5)	.27" (6.9)	500
156-00025	<b>156-00025</b>	T50RFT5	50 lbs (225)	1.75" (44.5)	8" (203.2)	.18" (4.6)	.63" (16.0)	.46" (11.6)	.52" (13.2)	.20" (5)	.27" (6.9)	500
<b>FT6 - Mounting Hole Ø: .252" - .28" (6.4-7.1mm) - Panel Thickness: .028" - .193" (0.75 - 3.0mm)</b>												
150-77940	<b>150-77940</b>	T30RFT6	30 lbs (135)	1.38" (35)	5.8" (148)	.14" (3.6)	.63" (16.0)	.46" (11.6)	.54" (13.8)	.20" (5)	.295" (7.5)	500
156-00156	<b>156-00156</b>	T50SFT6	50 lbs (225)	1.38" (35)	6.3" (160)	.18" (4.6)	.63" (16.0)	.46" (11.6)	.54" (13.8)	.20" (5)	.295" (7.5)	500
156-00157	<b>156-00157</b>	T50RFT6	50 lbs (225)	1.75" (44.5)	8" (203.2)	.18" (4.6)	.63" (16.0)	.46" (11.6)	.54" (13.8)	.20" (5)	.295" (7.5)	500
156-00066	<b>156-00066</b>	T50LFT6	50 lbs (225)	4" (101.6)	15" (380)	.18" (4.7)	.63" (16)	.46" (11.6)	.54" (13.8)	.20" (5)	.295" (7.5)	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

Fir Tree Mount and Cable Tie Assemblies *continued*



Product Selection												
Article No.	Part No.	Type	Min. Tensile Strength lbs. (N)	Max. Ø Bundle in. (mm)	Cable Tie			Mount				Pkg. Qty.
					Length (L) in. (mm)	Width (W) in. (mm)	Disc Ø in. (mm)	Length (L2) in. (mm)	Length (L3) in. (mm)	Width (W3) in. (mm)	Height (H2) in. (mm)	
<b>FT6LG - Mounting Hole Ø: .256" - .276" (6.4-7.1mm) - Panel Thickness: .03" - .24" (0.75 - 6.0mm)</b>												
150-31090	<b>150-31090</b>	T3ORFT6LG	30 lbs (135)	1.38" (35)	5.8" (148)	.14" (3.6)	.63" (16)	.46" (11.6)	.69" (17.5)	.19" (5)	.44" (11.1)	500
150-31093	<b>150-31093</b>	T5OSFT6LG	50 lbs (225)	1.38" (35)	6.3" (160)	.18" (4.6)	.63" (16)	.46" (11.6)	.69" (17.5)	.19" (5)	.44" (11.1)	500
150-31091	<b>150-31091</b>	T5ORFT6LG	50 lbs (225)	1.75" (44)	8" (203.2)	.18" (4.6)	.63" (16)	.46" (11.6)	.69" (17.5)	.19" (5)	.44" (11.1)	500
156-00054	<b>156-00054</b>	T5OIFT6LG	50 lbs (225)	3.35" (85)	11.8" (300)	.18" (4.6)	.63" (16)	.46" (11.6)	.69" (17.5)	.19" (5)	.44" (11.1)	500
<b>FT7 - Mounting Hole Ø: .256" - .276" (6.5-7.0mm) - Panel Thickness: .031" - .276" (0.8 - 7.0mm)</b>												
156-00057	<b>156-00057</b>	T3ORFT7	30 lbs (135)	1.38" (35)	5.8" (148)	.14" (3.6)	.63" (16)	.46" (11.6)	.75" (19)	.20" (5)	.5" (12.7)	500
156-00056	<b>156-00056</b>	T5OSFT7	50 lbs (225)	1.38" (35)	6.3" (160)	.18" (4.6)	.63" (16)	.46" (11.6)	.75" (19)	.20" (5)	.5" (12.7)	500
111-85871	<b>111-85871</b>	T5ORFT7	50 lbs (225)	1.75" (44)	8" (203.2)	.18" (4.6)	.63" (16)	.46" (11.6)	.75" (19)	.20" (5)	.5" (12.7)	500
111-05350	<b>111-05350</b>	T5OIFT7	50 lbs (225)	3.35" (85)	11.8" (300)	.18" (4.6)	.63" (16)	.46" (11.6)	.75" (19)	.20" (5)	.5" (12.7)	500
156-00055	<b>156-00055</b>	T5OLFT7	50 lbs (225)	4.33" (110)	15" (380)	.18" (4.7)	.63" (16)	.46" (11.6)	.75" (19)	.20" (5)	.5" (12.7)	500
<b>FT8 - Mounting Hole Ø: .3" - .31" (7.7-8.0mm) - Panel Thickness: .03" - .31" (0.8 - 8.0mm)</b>												
156-00058	<b>156-00058</b>	T3ORFT8	30 lbs (135)	1.38" (35)	5.8" (148)	.14" (3.6)	.63" (16)	.47" (12.0)	.7" (17.8)	.35" (9)	.45" (11.5)	500
156-00158	<b>156-00158</b>	T5ORFT8	50 lbs (225)	1.75" (44)	8" (203.2)	.18" (4.6)	.63" (16)	.47" (12.0)	.7" (17.8)	.35" (9)	.45" (11.5)	500
156-00060	<b>156-00060</b>	T5OIFT8	50 lbs (225)	3.35" (81)	11.8" (300)	.18" (4.6)	.63" (16)	.47" (12.0)	.7" (17.8)	.35" (9)	.45" (11.5)	500
156-00061	<b>156-00061</b>	T5OLFT8	50 lbs (225)	4.33" (110)	15" (380)	.18" (4.7)	.63" (16)	.47" (12.0)	.7" (17.8)	.35" (9)	.45" (11.5)	500
<b>FT10 - Mounting Hole Ø: .38" - .39" (9.7-10.0mm) - Panel Thickness: .031" - .236" (0.8 - 5.0mm)</b>												
156-00089	<b>156-00089</b>	T3ORFT10	30 lbs (135)	1.38" (35)	5.8" (148)	.14" (3.6)	.71" (18)	.75" (18.6)	.26" (6.5)	.20" (5)	.48" (12.1)	500
156-00090	<b>156-00090</b>	T5OSFT10	50 lbs (225)	1.38" (35)	6.3" (160)	.18" (4.6)	.71" (18)	.75" (18.6)	.26" (6.5)	.20" (5)	.48" (12.1)	500
156-00091	<b>156-00091</b>	T5ORFT10	50 lbs (225)	1.75" (44)	8" (203.2)	.18" (4.6)	.71" (18)	.75" (18.6)	.26" (6.5)	.20" (5)	.48" (12.1)	500
156-00092	<b>156-00092</b>	T5OIFT10	50 lbs (225)	3.35" (81)	11.8" (300)	.18" (4.6)	.71" (18.0)	.75" (18.6)	.26" (6.5)	.20" (5)	.48" (12.1)	500
156-00093	<b>156-00093</b>	T5OLFT10	50 lbs (225)	4.33" (110)	15" (380)	.18" (4.7)	.71" (18)	.75" (18.6)	.26" (6.5)	.20" (5)	.48" (12.1)	500

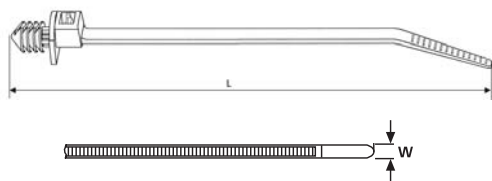
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.



## Cable Ties

### Fir Tree Push Mount Ties

Fir tree design grips to the inside of a hole. They can be used on sheet metal, wood, and cast iron. Type T50RTM25E has a longer fir tree for larger panel thicknesses.



Material Data	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 V2</b>

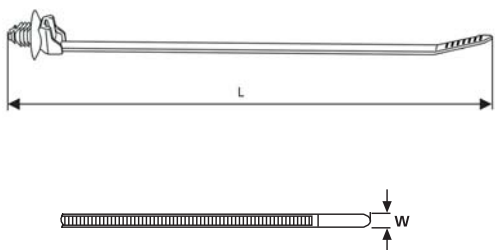


Product Selection			Min. Tensile Strength	Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type								
126-03501	<b>T50RTM250HSM4</b>	T50RTM25	50 lbs (225)	.25" - .26" (6.5 - 6.6)	.052" - .28" (1.32 - 7.0)	8.27" (210)	1.97" (50.0)	.19" (4.7)	Black	1000
157-01400	<b>T50RTM25E8HSM4</b>	T50RTM25E	50 lbs (225)	.25" - .26" (6.5 - 6.6)	.09" - .55" (2.3 - 13.94)	8.43" (214)	1.97" (50.0)	.19" (4.7)	Gray	1000

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Fir Tree Mount with Disc Tie

This fir tree mount tie provides a low insertion force with a high extraction force. The outside serrations present a smooth surface to the cables preventing damage to the insulation. The unique head design allows the cable tie to firmly hold bundles as small as .06" diameter and the disc offers added water protection.



Material Data	
Material	<b>Polyamide 6.6 high impact modified, heat stabilized (PA66HIRHS)</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>



Product Selection			Min. Tensile Strength	Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type								
155-05800	<b>155-05800</b>	T50SOSFT6E	50 lbs (225)	.26" - .28" (6.5-7.0)	.03" - .12" (0.75 - 3.0)	6.30" (160)	1.38" (35)	.18" (4.6)	Black	500

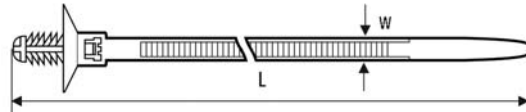
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Domed Fir Tree Mount

The domed head tie provides a tight, rattle-free installation and the outside serrated strap has ribs designed for convoluted tubing. The dome also acts as a seal to keep out dust and liquid.



Material Data	
Material	Polyamide 6.6 heat stabilized (PA66HS)
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C) continuous
Flammability	UL94 V2



Product Selection														
Article No.	Part No.	Type	Min. Tensile Strength		Mounting Hole Ø	Panel Thickness	Length (L)		Max. Ø Bundle	Width (W)	Color	Pkg. Qty.		
			lbs.	(N)	in. (mm)	in. (mm)	in.	(mm)	in.	(mm)			in.	(mm)
157-01100	T50SDP6.HB6P	T50SDP6	45 lbs	(200)	.25" - .28" (6.3-7.0)	.03" - .28" (0.8 - 7.0)	6.69"	(170)	1.22"	(31)	.20"	(5.1)	Black	500

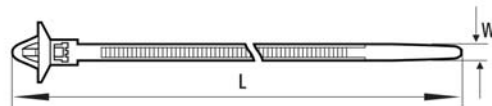
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Domed Push Mount Tie

The domed head tie provides a tight, rattle-free installation and the outside serrated strap has ribs designed for convoluted tubing. The dome also acts as a seal to keep out dust and liquid.



Material Data	
Material	Polyamide 6.6 heat stabilized (PA66HS)
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C) continuous
Flammability	UL94 V2



Product Selection														
Article No.	Part No.	Type	Min. Tensile Strength		Mounting Hole Ø	Panel Thickness	Length (L)		Max. Ø Bundle	Width (W)	Color	Pkg. Qty.		
			lbs.	(N)	in. (mm)	in. (mm)	in.	(mm)	in.	(mm)			in.	(mm)
111-85350	111-85350	T50SD6	50 lbs	(225)	.25" - .30" (6.3-7.5)	.023" - .047" (0.6 - 1.2)	6.30"	(160)	1.22"	(31)	.20"	(5.1)	Black	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

# Cable Ties

## Push Mount Ties

One-piece, all plastic ties for quick, simple cable mounting.



Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



**c** **RU** **US**  
File# E64139

Product Selection

Article No.	Part No.	Type	Min. Tensile Strength		Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
			lbs.	(N)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)		
<b>T30RSF</b>											
111-85603	<b>T30RSF9C2</b>	T30RSF(U)	30 lbs	(135)	.19" - .22" (4.76-5.59)	.04" - .09" (0.9-2.36)	6.34" (161)	1.25" (31.8)	.14" (3.6)	Natural	100
126-00704	<b>T30RSF9M4</b>	T30RSF(U)	30 lbs	(135)	.19" - .22" (4.76-5.59)	.04" - .09" (0.9-2.36)	6.34" (161)	1.25" (31.8)	.14" (3.6)	Natural	1000
126-00700	<b>T30RSF0C2</b>	T30RSF(U)	30 lbs	(135)	.19" - .22" (4.76-5.59)	.04" - .09" (0.9-2.36)	6.34" (161)	1.25" (31.8)	.14" (3.6)	Black	100
126-00702	<b>T30RSF0M4</b>	T30RSF(U)	30 lbs	(135)	.19" - .22" (4.76-5.59)	.04" - .09" (0.9-2.36)	6.34" (161)	1.25" (31.8)	.14" (3.6)	Black	1000
<b>T50SSF</b>											
126-00043	<b>126-00043</b>	T50SSF	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	6.26" (159)	1.38" (35)	.19" (4.7)	Natural	100
126-00044	<b>126-00044</b>	T50SSF	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	6.26" (159)	1.38" (35)	.19" (4.7)	Natural	1000
126-00045	<b>126-00045</b>	T50SSF	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	6.26" (159)	1.38" (35)	.19" (4.7)	Black	100
126-00046	<b>126-00046</b>	T50SSF	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	6.26" (159)	1.38" (35)	.19" (4.7)	Black	1000
<b>T50RSF</b>											
111-85789	<b>T50RSF9C2</b>	T50RSF(U)	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	8.27" (210)	1.73" (44)	.19" (4.7)	Natural	100
126-01011	<b>T50RSF9M4</b>	T50RSF(U)	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	8.27" (210)	1.73" (44)	.19" (4.7)	Natural	1000
126-01003	<b>T50RSF0C2</b>	T50RSF(U)	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	8.27" (210)	1.73" (44)	.19" (4.7)	Black	100
126-01004	<b>T50RSF0M4</b>	T50RSF(U)	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	8.27" (210)	1.73" (44)	.19" (4.7)	Black	1000

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Wing Push Mount Ties

Wing design helps stabilize the tie in high vibration applications. They can be used on sheet metal, wood, and cast iron.



Material Data	
Material	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



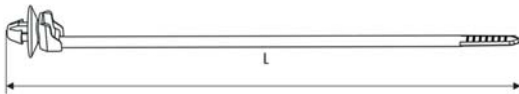
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Product Selection											
Article No.	Part No.	Type	Min. Tensile Strength	Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Disc Ø	Color	Pkg. Qty.
			lbs. (N)	in. (mm)	in. (mm)						
<b>T18RWPM</b>											
126-00041	<b>126-00041</b>	T18RWPM	18 lbs (80)	.19" - .22" (4.76-5.59)	.07" - .13" (1.85 - 3.18)	4.45" (113)	.87" (22)	.10" (2.5)	.52" (13.1)	Natural	100
126-00603	<b>T18RWPM9M4</b>	T18RWPM	18 lbs (80)	.19" - .22" (4.76-5.59)	.07" - .13" (1.85 - 3.18)	4.45" (113)	.87" (22)	.10" (2.5)	.52" (13.1)		1000
<b>T50SL6</b>											
111-85469	<b>T50SL6.NN6P</b>	T50SL6	50 lbs (225)	.24" - .26" (6.1-6.5)	.03" - .10" (0.8 - 2.5)	6.50" (165)	1.34" (34)	.18" (4.6)	.73" (18.5)	Natural	500
<b>T50SL7</b>											
111-85479	<b>T50SL7.NN6P</b>	T50SL7	50 lbs (225)	.27" - .28" (6.9-7.1)	.03" - .10" (0.8 - 2.5)	6.50" (165)	1.34" (34)	.18" (4.6)	.73" (18.5)	Natural	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes. \* UL recognition applies to T18RWPM ties.

### Arrowhead Mount Ties

This tie has an arrowhead design which offers a positive, low insertion force and a high extraction force. Part No. 126-03100 features a foam rubber seal which provides additional protection against moisture, dirt and other impurities.



Material Data	
Material	Polyamide 6.6 heat stabilized (PA66HS)
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C) continuous
Flammability	UL94 V2



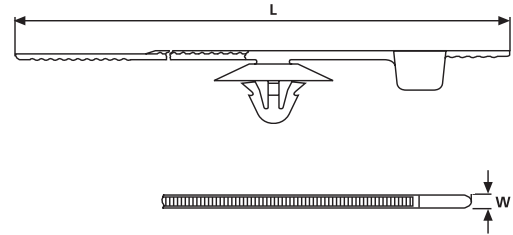
Product Selection											
Article No.	Part No.	Type	Min. Tensile Strength	Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.	
			lbs. (N)	in. (mm)	in. (mm)						in. (mm)
126-03100	<b>126-03100</b>	T50SOSSFT6.5E-MD	50 lbs (225)	.25" - .26" (6.3-6.7)	.02" - .07" (0.6 - 1.8)	6.30" (160)	1.38" (35)	.18" (4.6)	Green	500	
126-03101	<b>126-03101</b>	T50SOSSFT6.5E	50 lbs (225)	.25" - .26" (6.3-6.7)	.02" - .07" (0.6 - 1.8)	6.30" (160)	1.38" (35)	.18" (4.6)	Black	500	

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

# Cable Ties

## Center Mount, Domed Push Mount Ties

The center mount, domed push mount tie centers the mount on all bundle diameters. The mount is molded in a stationary position for easy assembly. A tab extends beyond the head for easy strap insertion.



Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



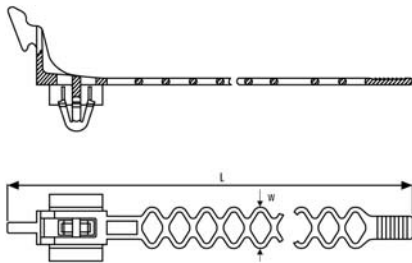
### Product Selection

Article No.	Part No.	Type	Min. Tensile Strength	Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
			lbs. (N)	in. (mm)	in. (mm)					
150-35930	<b>150-35930</b>	T50RSP	50 lbs (222)	.24" - .26" (6.0-6.5)	.03" - .05" (0.75 - 1.3)	7.48" (190)	1.77" (45)	.18" (4.6)	Black	1000

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Ladder Style Push Mount Ties

The unique ladder style design eliminates the need for various sizes of clamps and allows for easy re-entry to access bundle. Wings on the side of the tie provide stabilization.



Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



### Product Selection

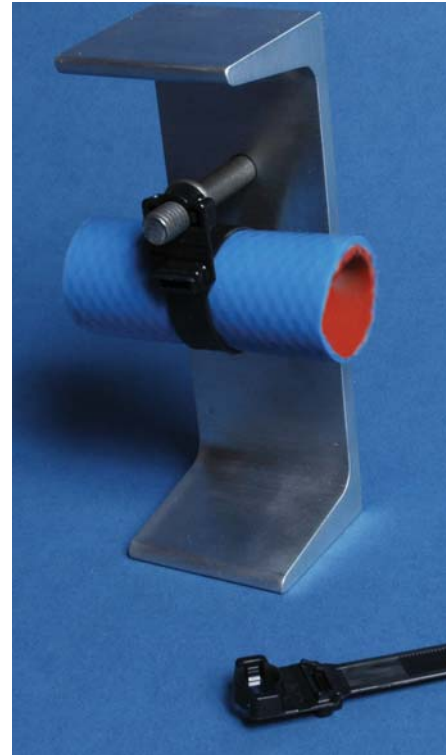
Article No.	Part No.	Type	Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
			in. (mm)	in. (mm)					
150-26100	<b>FBS1000H4</b>	FBS100	.25" - .26" (6.3-6.7)	.03" - .15" (0.7 - 3.9)	4.53" (115)	1.06" (27)	.40" (10)	Black	500
150-26140	<b>FBS1400H4</b>	FBS140	.26" - .25" (6.3-6.7)	.03" - .15" (0.7 - 3.9)	6.30" (160)	1.65" (42)	.40" (10)	Black	500
150-26180	<b>FBS1850H4</b>	FBS185	.26" - .25" (6.3-6.7)	.03" - .15" (0.7 - 3.9)	7.87" (200)	2.09" (53)	.40" (10)	Black	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

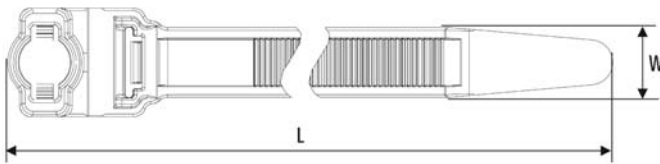
## Wide Strap Heavy Duty Stud Mount Cable Ties

The wide strap stud mount cable tie minimizes pinching on soft bundles and features a low profile head to provide compact bundling. A thinner strap provides increased flexibility for improved ergonomics. Available with a 1/4" and 3/8" stud mount, the wide strap tie utilizes a strong hinge between the stud mount and head to provide superior holding ability on a threaded stud.

- Wide strap to minimize pinching of soft hoses and convoluted tubing
- Clamping rails to increase grip on round bundles
- Wide variation of bundle diameters: .375" - 4.125" (9.5mm - 104.7mm)
- Flexible strap
- Flexible hinge
- Mount provides low insertion and high extraction forces



Material Data		(RoHS)	
Material	<b>Polyamide 6.6 high impact modified, heat stabilized (PA66HIRHS)</b>		
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>		
Flammability	<b>UL94 HB</b>		



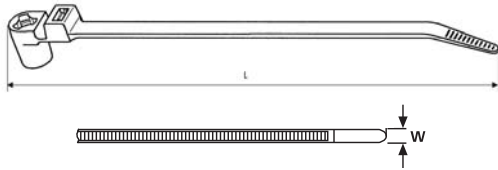
Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
<b>Wide Strap Ties with 1/4" Stud Mount</b>								
157-00400	<b>157-00400</b>	WSS250	120 lbs (534)	9.7" (246.38)	2.25" (57.15)	.5" (12.7)	Black	300
157-00401	<b>157-00401</b>	WSI250	120 lbs (534)	12.7" (322.58)	3.25" (82.55)	.5" (12.7)	Black	300
157-00402	<b>157-00402</b>	WSR250	120 lbs (534)	15.7" (398.78)	4.125" (104.78)	.5" (12.7)	Black	300
<b>Wide Strap Ties with 3/8" Stud Mount</b>								
<b>WSS38</b>								
157-00406	<b>157-00406</b>	WSS380	120 lbs (534)	9.7" (246.38)	2.25" (57.15)	.5" (12.7)	Black	60
157-00403	<b>157-00403</b>	WSS380	120 lbs (534)	9.7" (246.38)	2.25" (57.15)	.5" (12.7)	Black	300
<b>WSI38</b>								
157-00407	<b>157-00407</b>	WSI380	120 lbs (534)	12.7" (322.58)	3.25" (82.55)	.5" (12.7)	Black	60
157-00404	<b>157-00404</b>	WSI380	120 lbs (534)	12.7" (322.58)	3.25" (82.55)	.5" (12.7)	Black	300
<b>WSR38</b>								
157-00408	<b>157-00408</b>	WSR380	120 lbs (534)	15.7" (398.78)	4.125" (104.78)	.5" (12.7)	Black	60
157-00405	<b>157-00405</b>	WSR380	120 lbs (534)	15.7" (398.78)	4.125" (104.78)	.5" (12.7)	Black	300

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

# Cable Ties

## Stud Mount Ties

The stud mount tie mounts and secures a cable bundle in one component. The stud mount tie is designed for use on a 1/4" - 20 UNC threaded stud or the exposed threads of a machine screw.



Material Data		RoHS
Material	<b>Polyamide 6.6 high impact modified, heat stabilized (PA66HIRHS)</b>	
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>	
Flammability	<b>UL94 HB</b>	

Product Selection			Stud Ø	Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type							
157-01300	<b>T120RSM0HIRK2</b>	T120RSM	.25" (6.25)	120 lbs (535)	15.94" (405)	3.98" (101)	.30" (7.6)	Black	50

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Standoff Stud Mount Tie

This tie is easily mounted on the top of the stud, the additional height gained by this design gives the bundle added clearance from the panel.



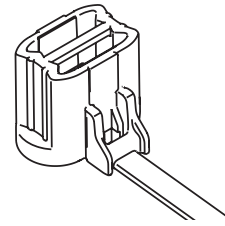
Material Data		RoHS
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>	
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>	
Flammability	<b>UL94 V2</b>	

Product Selection			Stud Ø	Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type							
155-30602	<b>155-30602</b>	T50SSBS50TE	.20" (5)	45 lbs (200)	6.30" (160)	1.38" (35)	.181" (4.6)	Black	500

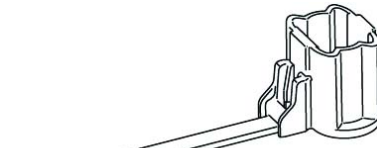
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Oval Shaped Variable Stud Mount Ties

The special oval shape provides for an approximate .20" (5.5mm) lateral adjustment, allowing for any misalignment of the stud or incorrect positioning of the tie on the cables. The "soft push" mount allows it to be installed onto a weld stud without the use of any tools.



T50SOSSB5HEC



T50SOSSB6HE

Material Data	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 V2</b>

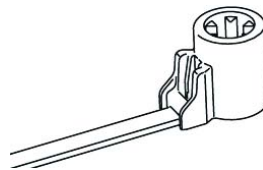


Product Selection		Type	Stud Ø		Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
Article No.	Part No.		in.	(mm)	lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
155-05400	<b>155-05400</b>	T50SOSSB5HEC	.20"	(5)	38 lbs	(170)	6.30"	(160)	1.38"	(35)	.18"	(4.6)	Black	500
155-46302	<b>155-46302</b>	T50SOSSB6HE	.24"	(6)	38 lbs	(170)	6.30"	(160)	1.38"	(35)	.18"	(4.6)	Black	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Stud Mount Tie with Outside Serrations

Providing an especially secure hold and the ability to mount the cables very close to the stud, this tie is outside serrated preventing damage to the insulation of the cable.



T50SOSSB5SE

Material Data	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Product Selection		Type	Stud Ø		Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
Article No.	Part No.		in.	(mm)	lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
155-12300	<b>155-12300</b>	T50SOSSB5SE	.20"	(5)	50 lbs	(225)	6.30"	(160)	1.38"	(35)	.18"	(4.6)	Black	500

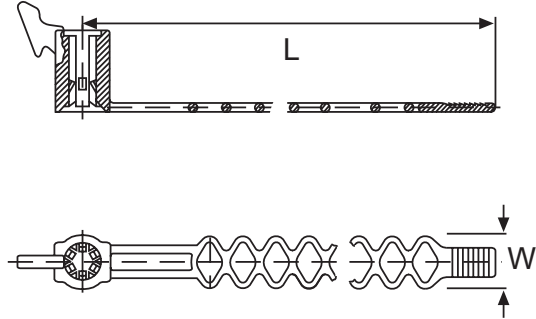
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.



## Cable Ties

### Ladder Style Stud Mount Ties

Ladder style tie mounts easily onto #10-24" (5 mm) stud. Unique latch allows for easy re-entry to bundles.



Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>

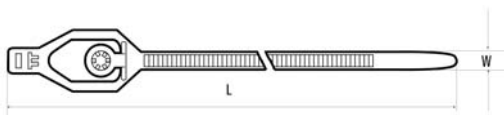


Product Selection			Stud Ø	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
150-28100	<b>150-28100</b>	FBB100	# 10-24" (5)	4" (110)	.91" (23)	.40" (10)	Black	500
150-28140	<b>150-28140</b>	FBB140		5.59" (142)	1.50" (38)	.40" (10)	Black	500
150-28180	<b>150-28180</b>	FBB185		7.87" (200)	1.97" (50)	.40" (10)	Black	500

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Flexible Head Stud Mount Tie

Flexible head wraps around cable bundle for easy installation.



Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



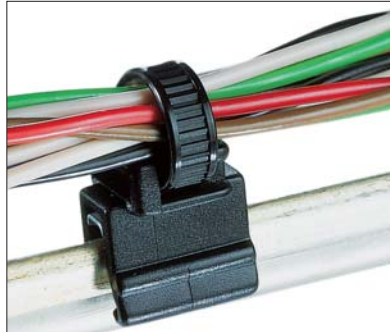
Product Selection			Stud Ø	Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type							
111-07110	<b>111-07110</b>	T5ORS5	#10 - 24" (5)	50 lbs (225)	7.48" (190)	1.58" (40)	.18" (4.6)	Black	100

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Cable Ties and Edge Clips

HellermannTyton's edge clips are designed specifically to route bundles by securing them to the edge of a plastic or metal sheet without the need for a mounting hole. The clip is easy to secure and the extraction force is high due to the integrated metal clamp that holds the edge clip in place. Edge clips are available in three configurations: a two piece clip and tie assembly, a one piece clip and tie combination and a edge clip and tape bar combination. When noted (\*), cable ties are outside serrated which can reduce bundle chafing.

### Two Piece Edge Clip and Cable Tie Assemblies



T50ROSEC4A - the cable bundle runs parallel with the edge.

Material Data- Cable Tie		RoHS
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>	
Color	<b>Black</b>	
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>	
Flammability	<b>UL94 V2</b>	

Material Data - Edge Clip		RoHS
Material	<b>Polyamide 6.6 high impact modified, heat stabilized (PA66HIRHS)</b>	
Color	<b>Black</b>	
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>	
Flammability	<b>UL94 HB</b>	

Product Selection							Pkg. Qty.	Drawing
Article No.	Part No.	Type	Min. Tensile Strength	Length (L)	Max. Ø Bundle			
			lbs. (N)	in. (mm)	in. (mm)			
<b>Panel Thickness, — .039" - .117" (1-3mm)</b>								
150-76090	<b>150-76090</b>	T30REC4A	30 lbs (135)	5.9" (150)	1.3" (33)	500		
150-76093	<b>150-76093 *</b>	T50SOSEC4A	50 lbs (225)	5.9" (150)	1.2" (31)	500		
150-76091	<b>150-76091</b>	T50REC4A	50 lbs (225)	8" (202)	1.8" (45)	500		
150-76099	<b>150-76099 *</b>	T50ROSEC4A	50 lbs (225)	7.9" (200)	1.8" (45)	500		
150-76080	<b>150-76080</b>	T30REC4B	50 lbs (135)	5.9" (150)	1.3" (33)	500		
156-00109	<b>156-00109 *</b>	T50SOSEC4B	50 lbs (225)	6.5" (165)	1.2" (31)	500		
150-76079	<b>150-76079 *</b>	T50ROSEC4B	50 lbs (225)	7.9" (200)	1.8" (45)	500		
150-40593	<b>150-40593 *</b>	T50SOSEC5A	50 lbs (225)	5.9" (150)	1.2" (31)	500		
150-40592	<b>150-40592</b>	T50REC5A	50 lbs (225)	8" (202)	1.8" (45)	500		
150-40591	<b>150-40591</b>	T50ROSEC5A	50 lbs (225)	7.9" (200)	1.8" (45)	500		
156-01007	<b>156-01007</b>	T50RDHEC5A	50 lbs (225)	8.3" (210)	1.8" (45)	500		
156-05000	<b>156-05000</b>	T30REC5B	30 lbs (135)	5.9" (150)	1.3" (33)	500		
150-40583	<b>150-40583 *</b>	T50SOSEC5B	50 lbs (225)	5.9" (150)	1.2" (31)	500		
150-40582	<b>150-40582</b>	T50REC5B	50 lbs (225)	8.0" (202)	1.8" (45)	500		
150-40581	<b>150-40581 *</b>	T50ROSEC5B	50 lbs (225)	7.9" (200)	1.8" (45)	500		
155-37104	<b>155-37104</b>	T18REC9	18 lbs (80)	3.9" (100)	.75" (19)	500		
156-00019	<b>156-00019 *</b>	T50SOSEC9SD	50 lbs (225)	5.9" (150)	1.2" (31)	500		
156-05903	<b>156-05903</b>	T50ROSEC9	50 lbs (225)	7.9" (200)	1.8" (45)	500		
155-38304	<b>155-38304</b>	T18R-EC10	18 lbs (80)	3.9" (100)	.79" (20)	500		
156-05904	<b>156-05904 *</b>	T50ROSEC10	50 lbs (225)	7.9" (200)	1.8" (45)	500		
156-00017	<b>156-00017</b>	T50SOSEC21	50 lbs (225)	5.9" (150)	1.3" (33)	500		
156-00010	<b>156-00010</b>	T50ROSEC21	50 lbs (225)	7.9" (200)	1.8" (45)	500		
156-00018	<b>156-00018</b>	T50SOSEC22	50 lbs (225)	5.9" (150)	1.3" (33)	500		
156-00011	<b>156-00011</b>	T50ROSEC22	50 lbs (225)	7.9" (200)	1.8" (45)	500		

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. \* outside serrated cable tie

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Two Piece Edge Clip and Cable Tie Assemblies *continued*

Product Selection			Min. Tensile Strength		Length (L)		Max. Ø Bundle		Pkg. Qty.	Drawing
Article No.	Part No.	Type	lbs.	(N)	in.	(mm)	in.	(mm)		
<b>Panel Thickness — .117" - .234" (3-6 mm)</b>										
156-04600	<b>156-04600</b>	T18ROSEC19	18 lbs	(80)	3.9"	(100)	.79"	(20)	500	
156-04601	<b>156-04601</b>	T50SOSEC19	50 lbs	(225)	5.9"	(150)	1.2"	(31)	500	
156-04602	<b>156-04602</b>	T50ROSEC19	50 lbs	(225)	7.9"	(200)	1.8"	(45)	500	
156-00016	<b>156-00016</b>	T50SOSEC20	50 lbs	(225)	5.9"	(150)	1.3"	(33)	500	
156-00020	<b>156-00020</b>	T50ROSEC20	50 lbs	(225)	7.9"	(200)	1.8"	(45)	500	
156-00006	<b>156-00006</b>	T50ROSEC23	50 lbs	(225)	7.9"	(200)	1.8"	(45)	500	
156-00007	<b>156-00007</b>	T50ROSEC24	50 lbs	(225)	7.9"	(200)	1.8"	(45)	500	

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P.

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## One Piece Edge Clip and Cable Tie Combinations

The plastic area of the edge clips and the cable ties are molded together.

Material Data	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Color	<b>Black</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 HB</b>



Product Selection			Min. Tensile Strength		Length (L)		Max. Ø Bundle		Pkg. Qty.	Drawing
Article No.	Part No.	Type	lbs.	(N)	in.	(mm)	in.	(mm)		
<b>Panel Thickness — .039" - .117" (1-3 mm)</b>										
133-00059	<b>133-00059</b>	T40XEC5SP-E	40 lbs	(178)	4.05"	(103)	.59"	(15)	500	
148-00200	<b>148-00200</b>	T50SOSEC12E	50 lbs	(225)	6.30"	(160)	1.38"	(35)	500	
126-00000	<b>126-00000</b>	T50SOSEC13E	50 lbs	(225)	6.30"	(160)	1.38"	(35)	500	

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Edge Clip and Tape Clip Combination

These clips can be secured to cables with cable ties or tape.

Material Data - Cable Tie and Tape Clip Combination



Material	<b>Polyamide 6.6 high impact modified, heat stabilized (PA66HIRHS)</b>
Color	<b>Black</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>

Product Selection

Article No.	Part No.	Type	Length (L)		Width (W)		Pkg. Qty.	Drawing
			in.	(mm)	in.	(mm)		
<b>Panel Thickness — .039" - .117" (1-3 mm)</b>								
151-03404	<b>151-03404</b>	EC14	1.57"	(40.0)	.39"	(10.0)	500	
151-03401	<b>151-03401</b>	EC15	1.57"	(40.0)	.39"	(10.0)	500	
151-03402	<b>151-03402</b>	EC16	1.57"	(40.0)	.39"	(10.0)	500	
151-03403	<b>151-03403</b>	EC17	1.57"	(40.0)	.39"	(10.0)	500	

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Cable Ties

### Button Head Ties

The button head tie is a two piece tie providing for parallel entry and exit through the head. The strap contains serrations on both sides and has two opposed pawls recessed within a domed head.

This design allows the strap to be directed clockwise or counter-clockwise prior to insertion into the head, enabling bi-directional looping.



### New and Improved Features

The button head tie offers many new and improved features for added durability and installation ease.

**Standoff tabs** — prevent tie head from seating in button during strap insertion

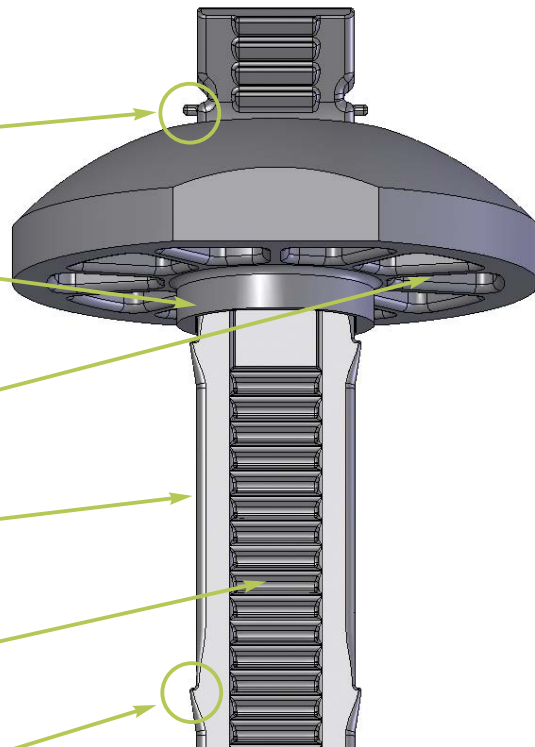
**Pilot bushing** - protects the strap from abrasion on the mounting hole edge

**Ribs** - increased ribs added to the bottom of the button head for added durability

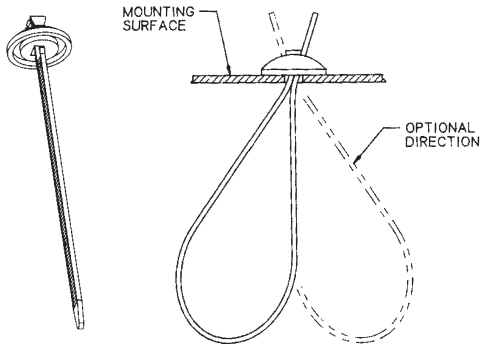
**Strap** - more radiused edges for added flexibility

**Serrations** - redesigned serrations and wedge design provide optimal strength when seated in the head

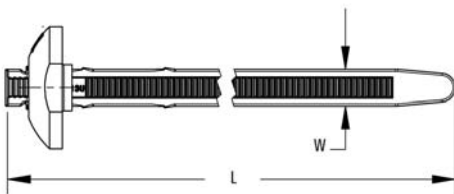
**Retainers** — lower retainers on BT130 help prevent the strap from backing out of the mounting hole and holds HellermannTyton's saddle mounts in place during assembly.



Button Head Ties *continued*



Material Data	
Cable Tie Material	<b>Polyamide 6.6 high impact modified, heat stabilized (PA66HIRHS)</b>
Button Head Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Color	<b>Black</b>
Flammability	<b>UL94 HB</b>



Product Selection			Min. Tensile Strength	Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.	
Article No.	Part No.	Type		lbs.	(N)	in.	(mm)	in.	(mm)			in.
<b>BT105 Button Head Ties</b>												
132-00010	<b>132-00010</b>	BT105R	105 lbs	(467)	9.63"	(244.4)	2.62"	(66.7)	.22"	(5.6)	Black	50
132-00011	<b>132-00011</b>	BT105L	105 lbs	(467)	15"	(381.5)	4.33"	(110)	.22"	(5.6)	Black	50
<b>BT105 Button Head Ties with Pilot Bushings</b>												
132-00006	<b>132-00006</b>	BT105RP	105 lbs	(467)	9.63"	(244.4)	2.62"	(66.7)	.22"	(5.6)	Black	50
132-00007	<b>132-00007</b>	BT105LP	105 lbs	(467)	15"	(381.5)	4.33"	(110)	.22"	(5.6)	Black	50
<b>BT130 Button Head Ties with Retainers and Pilot Bushings</b>												
132-00008	<b>132-00008</b>	BT130RDP	130 lbs	(578)	10.51"	(267.0)	2.87"	(73)	.30"	(7.6)	Black	50
132-00009	<b>132-00009</b>	BT130LDP	130 lbs	(578)	15"	(381.5)	4.33"	(110)	.30"	(7.6)	Black	50

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

# Cable Ties

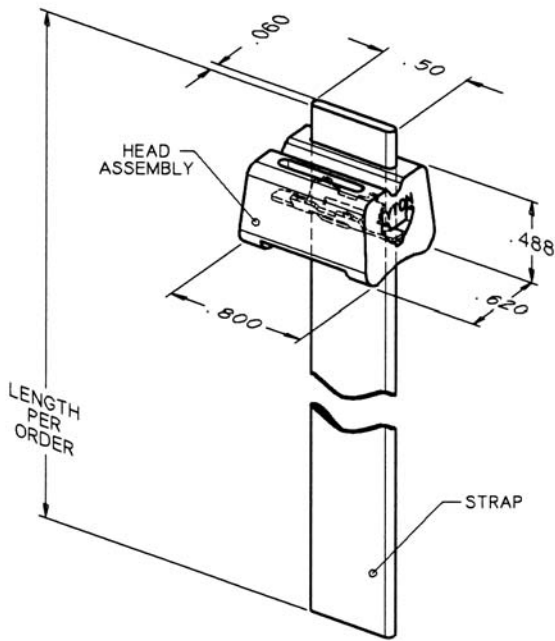
## EL-TY (Extended Length Ties)

HellermannTyton's El-Ty is a high strength strapping system used for supporting, securing, fastening, and spacing cables, as well as a variety of other applications requiring extra-long, extremely durable strapping.

The El-Ty consists of a smooth strap and a separate, compact plastic head which encloses a stainless steel gripper. The stackable spacer accepts cable ties up to 1/2" wide for a versatile, easy to install spacing system.

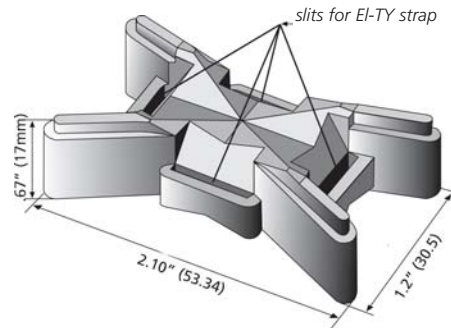


Material Data- Strap and Head	
Material	<b>Polyacetal (POM)</b>
Color	<b>Black</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C)</b>
Flammability	<b>UL94 HB</b>



El-Ty Strap and Locking Head

Material Data- Spacer	
Material	<b>Polypropylene, UV-resistant (PP)</b>
Color	<b>Black</b>
Operating Temperature	<b>-40 °F to +239 °F (-40 °C to +115 °C) continuous</b>
Flammability	<b>UL94 HB</b>



El-Ty Spacer

### Product Selection

Article No.	Part No.	Type	Description	Color	Pkg. Qty.
111-30000	<b>TELS-1</b>	TELS1	1 - 50 ft reel of strap and 30 heads	Black	1
111-31000	<b>TELS-H</b>	TELSH	Double entry and locking heads	Black	25
111-32108	<b>TELS-13</b>	TELS-13	10 - 13.5" straps and 10 double locking heads	Black	1
111-32110	<b>TELS-27</b>	TELS-27	10 - 27" straps and 10 double locking heads	Black	1
111-32111	<b>TELS-5K</b>	TELS-5K	5 - 50 ft. reels and 150 heads	Black	1
111-32107	<b>TELS-10K</b>	TELS-10K	10 - 50 ft. reels and 300 heads	Black	1
111-32000	<b>TELS-SPK2</b>	TELS-SPK2	EL-TY Spacer	Black	50
111-32106	<b>TELS-SPOOL</b>	TELS-SPOOL	50 ft. reel of strap	Black	1

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

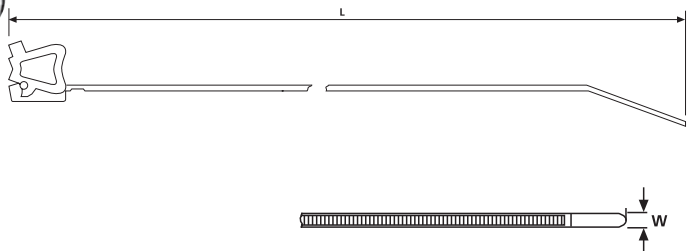
## Aerial Support Spacer Ties

Aerial support spacer ties are two piece ties designed for standard spacing applications. The strap is molded from special high impact polyamide 6.6. The support spacer and head are made from a high density outdoor black polypropylene. Both materials offer resistance to sunlight, saltwater, and harsh chemical environments.

Material Data- Strap	
Material	<b>Polyamide 6.6 high impact modified (PA66HIR)</b>
Color	<b>Black</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>



Material Data-Spacer/Head	
Material	<b>Polypropylene, UV-resistant (PP)</b>
Color	<b>Black</b>
Operating Temperature	<b>-40 °F to +239 °F (-40 °C to +115 °C) continuous</b>
Flammability	<b>UL94 HB</b>



### Product Selection

Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
			lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
111-98501	<b>TAS100RWS</b>	TAS100RWS	100 lbs	(445)	8.25"	(209.6)	1.75"	(44.5)	.50"	(12.7)	Black	100
111-98500	<b>TAS100MWS</b>	TAS100MWS	100 lbs	(445)	10.7"	(272.3)	2.75"	(70)	.50"	(12.7)	Black	100
148-00022	<b>TAS100LWS</b>	TAS100LWS	100 lbs	(445)	16"	(420)	4.5"	(115)	.50"	(12.7)	Black	100

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.  
 Installation tools - MK9, MK9HT, MK9P.

## Kabelrap Bundling System

The patented Kabelrap bundling system offers a very high bundling strength and is particularly resistant to salt water, oils, greases, and hydraulic fluids. Special hand tool required for installation.

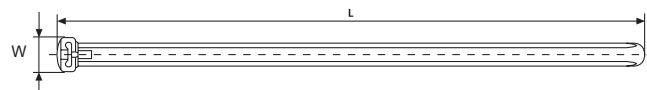


Required Tool - 121-00680



Kabelrap Application

Material Data	
Material	<b>Polyamide 6.6 UV-resistant (PA66UV)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



### Product Selection

Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
			lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
121-61860	<b>121-61860</b>	KR6/18	110 lbs	(490)	7.25"	(183)	1.5"	(39)	.24"	(6)	Black	50
121-63560	<b>121-63560</b>	KR6/35	110 lbs	(490)	14"	(356)	3.75"	(93)	.25"	(6)	Black	50
121-82160	<b>121-82160</b>	KR8/21	175 lbs	(785)	8.25"	(210)	1.75"	(47)	.31"	(8)	Black	50
121-83360	<b>121-83360</b>	KR8/33	175 lbs	(785)	13.25"	(337)	3.37"	(86)	.31"	(8)	Black	50

Required Installation Tool - 121-00680. Black is the standard color. Natural is available based upon minimums, custom terms and lead times.

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.



# Cable Ties

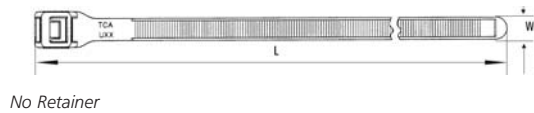
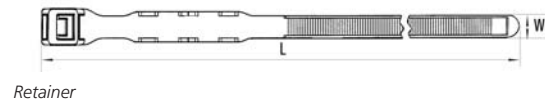
## Parallel Entry Ties

The parallel entry tie features a very low profile head, which enables the installed tie to lie flat on the bundle. Its sleek design enhances safety and fulfills the requirements of many diverse applications. The parallel entry tie features outside serrations to allow the smooth side of the tie to rest on a bundle, reducing any potential of wear due to abrasion from vibrations or movement. The parallel entry tie also offers an optional custom designed feature for foam applications, such as playground equipment. With child safety in mind, the patented retainer bumps on the strap allow the tie to grip into foam padded equipment eliminating slippage. The retainers also contain the tail of the tie eliminating the need to cut any excess material. This feature eliminates the potential for any sharp edges. Only a smooth surface is evident. The "PER" designation in the part number indicates the retainer feature.



Retainer (PER) Version

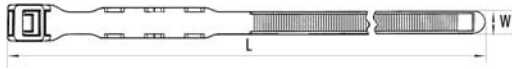
Material Data	
Material	<b>Polyamide 6.6 UV-resistant (PA66UV)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
<b>PE130S</b>								
112-00700	<b>PE130S0UVC2</b>	PE130S	130 lbs (578.3)	13.5" (342.9)	4.0" (101.6)	.36" (9.1)	Black	100
112-00701	<b>PE130S14UVC2</b>	PE130S	130 lbs (578.3)	13.5" (342.9)	4.0" (101.6)	.36" (9.1)	Watermelon	100
112-00702	<b>PE130S20UVC2</b>	PE130S	130 lbs (578.3)	13.5" (342.9)	4.0" (101.6)	.36" (9.1)	Custom Blue	100
112-00703	<b>PE130S22UVC2</b>	PE130S	130 lbs (578.3)	13.5" (342.9)	4.0" (101.6)	.36" (9.1)	Lavender	100
112-00704	<b>PE130S23UVC2</b>	PE130S	130 lbs (578.3)	13.5" (342.9)	4.0" (101.6)	.36" (9.1)	Raspberry	100
112-00705	<b>PE130S35UVC2</b>	PE130S	130 lbs (578.3)	13.5" (342.9)	4.0" (101.6)	.36" (9.1)	Candy	100
112-00706	<b>PE130S36UVC2</b>	PE130S	130 lbs (578.3)	13.5" (342.9)	4.0" (101.6)	.36" (9.1)	Caramel	100
112-00707	<b>PE130S37UVC2</b>	PE130S	130 lbs (578.3)	13.5" (342.9)	4.0" (101.6)	.36" (9.1)	Cobalt Blue	100
112-00708	<b>PE130S38UVC2</b>	PE130S	130 lbs (578.3)	13.5" (342.9)	4.0" (101.6)	.36" (9.1)	Forest Green	100
112-00709	<b>PE130S39UVC2</b>	PE130S	130 lbs (578.3)	13.5" (342.9)	4.0" (101.6)	.36" (9.1)	Grape	100
112-00710	<b>PE130S40UVC2</b>	PE130S	130 lbs (578.3)	13.5" (342.9)	4.0" (101.6)	.36" (9.1)	Rose Pink	100
112-00711	<b>PE130S41UVC2</b>	PE130S	130 lbs (578.3)	13.5" (342.9)	4.0" (101.6)	.36" (9.1)	Lemon Yellow	100
112-00712	<b>PE130S42UVC2</b>	PE130S	130 lbs (578.3)	13.5" (342.9)	4.0" (101.6)	.36" (9.1)	Sky Blue	100
112-00713	<b>PE130S43UVC2</b>	PE130S	130 lbs (578.3)	13.5" (342.9)	4.0" (101.6)	.36" (9.1)	Charcoal	100
112-00714	<b>PE130S4UVC2</b>	PE130S	130 lbs (578.3)	13.5" (342.9)	4.0" (101.6)	.36" (9.1)	Yellow	100

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

Parallel Entry Ties *continued*



Retainer

Material Data	
Material	<b>Polyamide 6.6 UV-resistant (PA66UV)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C)</b> <b>continuous</b>
Flammability	<b>UL94 V2</b>



No Retainer

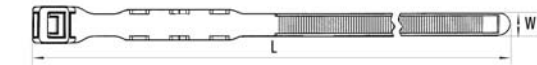
Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
<b>PE130R</b>								
112-00600	<b>PE130R0UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Black	100
112-00601	<b>PE130R14UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Watermelon	100
112-00602	<b>PE130R17UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Tan	100
112-00603	<b>PE130R1AUVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Chocolate	100
112-00604	<b>PE130R20UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Custom Blue	100
112-00605	<b>PE130R21UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Custom Green	100
112-00606	<b>PE130R22UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Lavender	100
112-00607	<b>PE130R23UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Raspberry	100
112-00608	<b>PE130R31UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Aquamarine	100
112-00609	<b>PE130R35UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Candy	100
112-00610	<b>PE130R36UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Caramel	100
112-00611	<b>PE130R37UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Cobalt Blue	100
112-00612	<b>PE130R38UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Forest Green	100
112-00613	<b>PE130R39UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Grape	100
112-00614	<b>PE130R40UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Rose Pink	100
112-00615	<b>PE130R41UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Lemon Yellow	100
112-00616	<b>PE130R42UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Sky Blue	100
112-00617	<b>PE130R43UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Charcoal	100
112-00618	<b>PE130R4UVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Yellow	100
112-00619	<b>PE130R8AUVC2</b>	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Light Grey	100

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

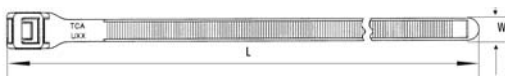
# Cable Ties

## Parallel Entry Ties *continued*

Material Data	
Material	<b>Polyamide 6.6 UV-resistant (PA66UV)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C)</b>
Flammability	<b>UL94 V2</b>



Retainer



No Retainer

Product Selection

Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
			lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
<b>PER130R</b>												
112-00800	<b>PER130R0UVC2</b>	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Black	100
112-00802	<b>PER130R14UVC2</b>	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Watermelon	100
112-00803	<b>PER130R20UVC2</b>	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Custom Blue	100
112-00804	<b>PER130R21UVC2</b>	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Custom Green	100
112-00805	<b>PER130R23UVC2</b>	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Raspberry	100
112-00806	<b>PER130R31UVC2</b>	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Aquamarine	100
112-00807	<b>PER130R4UVC2</b>	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Yellow	100
112-00808	<b>PER130R6AUVC2</b>	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Light Blue	100
112-00809	<b>PER130R7UVC2</b>	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Purple	100
112-00810	<b>PER130R8AUVC2</b>	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Light Grey	100
<b>PE130I</b>												
112-00500	<b>PE130I0UVC2</b>	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Black	100
112-00501	<b>PE130I10UVC2</b>	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	White	100
112-00502	<b>PE130I14UVC2</b>	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Watermelon	100
112-00503	<b>PE130I17UVC2</b>	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Tan	100
112-00504	<b>PE130I20UVC2</b>	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Custom Blue	100
112-00505	<b>PE130I21UVC2</b>	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Custom Green	100
112-00506	<b>PE130I22UVC2</b>	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Lavender	100
112-00507	<b>PE130I23UVC2</b>	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Raspberry	100
112-00508	<b>PE130I31UVC2</b>	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Aquamarine	100
112-00509	<b>PE130I32UVC2</b>	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Butterscotch	100
112-00510	<b>PE130I4UVC2</b>	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Yellow	100
112-00511	<b>PE130I6AUVC2</b>	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Light Blue	100
112-00512	<b>PE130I8AUVC2</b>	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Light Grey	100

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Stainless Steel Cable Ties

HellermannTyton's stainless steel ties are designed to secure hoses, cables, poles, pipes, and more when harsh environmental conditions may adversely affect the bundling application. Used where corrosion, vibration, weathering, radiation, and temperature extremes are a concern, HellermannTyton's stainless steel ties can be used in virtually any indoor, outdoor, and underground application.

### MK9SST Stainless Steel Cable Tie Installation Tool

Product Selection			Description	Cable Tie Series	Pkg. Qty.
Article No.	Part No.	Type			
110-95000	<b>MK9SST</b>	MK9SST	Adapted for use with stainless steel ties, the MK9 Stainless Steel tool retains the same design features as the MK9 series. The MK9SST accommodates all HellermannTyton stainless steel ties. Comes standard with padded foam grips for comfort and control and a hook for hanging on a belt or tether.	All MBT Series for both 304 and 316 materials	1

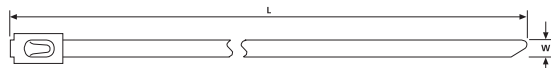
#### 304 Material

Grade 304 material is commonly used for stainless steel bundling applications and suits most general purpose requirements. It features the ability to withstand most environmental conditions, particularly in applications where vibration, general weathering, radiation and temperature extremes are a concern.

- Self locking, ball bearing mechanism for quick and easy installation, either by hand or by tensioning tool
- Fully enclosed head does not allow dirt or grit to interfere with locking mechanism
- High tensile strength option for added strength and safety on heavy duty applications



HellermannTyton's MK9SST tool is durable and lightweight offering superior stainless steel cable tie installation.



Material Data	
Material	<b>Stainless Steel Type SS304 (SS304)</b>
Operating Temperature	<b>-112 °F to +1000 °F (-80 °C to +538 °C)</b>



Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Pkg. Qty.
Article No.	Part No.	Type					
<b>150 lb. Stainless Steel Ties</b>			lbs. (N)	in. (mm)	in. (mm)	in. (mm)	
111-93058	<b>MBT5S-S</b>	MBT5SS	150 lbs (670)	5.0" (127)	1" (25)	.18" (4.6)	100
111-93088	<b>MBT8S-S</b>	MBT8SS	150 lbs (670)	7.9" (201)	2" (50)	.18" (4.6)	100
111-93148	<b>MBT14S-S</b>	MBT14SS	150 lbs (670)	14.3" (362)	4" (102)	.18" (4.6)	100
111-93208	<b>MBT20S-S</b>	MBT20SS	150 lbs (670)	20.5" (521)	6" (152)	.18" (4.6)	100
111-93278	<b>MBT27S-S</b>	MBT27SS	150 lbs (670)	26.8" (681)	8" (203)	.18" (4.6)	100
111-93338	<b>MBT33S-S</b>	MBT33SS	150 lbs (670)	33" (838)	10" (254)	.18" (4.6)	100
<b>250 lb. Stainless Steel Ties</b>			lbs. (N)	in. (mm)	in. (mm)	in. (mm)	
111-94088	<b>MBT8H-S</b>	MBT8HS	250 lbs (1115)	7.9" (201)	2" (50)	.31" (7.9)	50
111-94148	<b>MBT14H-S</b>	MBT14HS	250 lbs (1115)	14.3" (362)	4" (102)	.31" (7.9)	50
111-94208	<b>MBT20H-S</b>	MBT20HS	250 lbs (1115)	20.5" (521)	6" (152)	.31" (7.9)	50
111-94278	<b>MBT27H-S</b>	MBT27HS	250 lbs (1115)	26.8" (681)	8" (203)	.31" (7.9)	50
111-94338	<b>MBT33H-S</b>	MBT33HS	250 lbs (1115)	33" (838)	10" (254)	.31" (7.9)	50

Installation tools for the above cable ties - MK9SST Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes. Stainless steel ties and materials should be tested thoroughly under end use conditions to determine suitability for the application.

### Stainless Steel Cable Ties *continued*

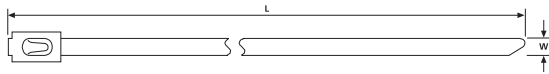
#### 316 Material

Grade 316 material is highly resistant to corrosion and widely used in marine environments where chemicals, salts, acids, and temperature extremes may affect the bundling application. MBT stainless steel ties in 316 steel material are also available with a nylon 11 protective coating. This coating creates a barrier and protectant from chemical reactions of dissimilar metals.



- Self locking, ball bearing mechanism for quick and easy installation, either by hand or by tensioning tool
- Fully enclosed head does not allow dirt or grit to interfere with locking mechanism
- High tensile strength option available for added strength and safety on heavy duty applications

Material Data	
Material	<b>Stainless Steel Type SS316 (SS316)</b>
Operating Temperature	<b>-112 °F to +1000 °F (-80 °C to +538 °C)</b>



Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Pkg. Qty.
Article No.	Part No.	Type					
<b>150 lb. Stainless Steel Ties</b>							
111-93959	<b>MBT5S</b>	MBT5S	150 lbs (670)	5.0" (127)	1.0" (25.4)	.18" (4.6)	100
111-93089	<b>MBT8S</b>	MBT8S	150 lbs (670)	7.9" (201)	2.0" (50)	.18" (4.6)	100
111-93149	<b>MBT14S</b>	MBT14S	150 lbs (670)	14.3" (362)	4.0" (102)	.18" (4.6)	100
111-93209	<b>MBT20S</b>	MBT20S	150 lbs (670)	20.5" (521)	6.0" (152)	.18" (4.6)	100
111-93279	<b>MBT27S</b>	MBT27S	150 lbs (670)	26.8" (681)	8.0" (203)	.18" (4.6)	100
111-93339	<b>MBT33S</b>	MBT33S	150 lbs (670)	33.0" (838)	10.0" (254)	.18" (4.6)	100
<b>250 lb. Stainless Steel Ties</b>							
111-94089	<b>MBT8H</b>	MBT8H	250 lbs (1115)	7.9" (201)	2.0" (50.8)	.31" (7.9)	50
111-94149	<b>MBT14H</b>	MBT14H	250 lbs (1115)	14.3" (362)	4.0" (102)	.31" (7.9)	50
111-94209	<b>MBT20H</b>	MBT20H	250 lbs (1115)	20.5" (521)	6.0" (152)	.31" (7.9)	50
111-94279	<b>MBT27H</b>	MBT27H	250 lbs (1115)	26.8" (681)	8.0" (203)	.31" (7.9)	50
111-94339	<b>MBT33H</b>	MBT33H	250 lbs (1115)	33.0" (838)	10.0" (254)	.31" (7.9)	50

Installation tools for the above cable ties - MK9SST Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes. Stainless steel ties and materials should be tested thoroughly under end use conditions to determine suitability for the application.