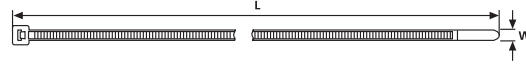


Cable Ties

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)		
T18S													
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
T18R													
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
T18I													
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
T18L													
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
T30R													
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
T30L													
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
T30LL													
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
T30XL													
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

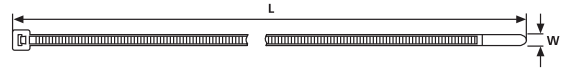
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. MK9 and MK9P cannot be used with T18S cable ties.

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	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)
T40R													
112-04019	T40R9C2	T40R(U)	–	40 lbs	(180)	8.27"	(210)	2.16"	(55)	.16"	(4.0)	Natural	100
111-04131	T40R9M4	T40R(U)	–	40 lbs	(180)	8.27"	(210)	2.16"	(55)	.16"	(4.0)		1000
112-04060	T40R0C2	T40R(U)	–	40 lbs	(180)	8.27"	(210)	2.16"	(55)	.16"	(4.0)	Black	100
111-04122	T40R0M4	T40R(U)	–	40 lbs	(180)	8.27"	(210)	2.16"	(55)	.16"	(4.0)		1000
T40I													
111-04609	T40I9C2	T40I	–	40 lbs	(180)	11.42"	(290)	3.15"	(80)	.16"	(4.0)	Natural	100
111-04612	T40I9M4	T40I	–	40 lbs	(180)	11.42"	(290)	3.15"	(80)	.16"	(4.0)		1000
111-04600	T40I0C2	T40I	–	40 lbs	(180)	11.42"	(290)	3.15"	(80)	.16"	(4.0)	Black	100
111-04604	T40I0M4	T40I	–	40 lbs	(180)	11.42"	(290)	3.15"	(80)	.16"	(4.0)		1000
T40L													
111-04300	T40L9C2	T40L	–	40 lbs	(180)	14.4"	(365)	4.13"	(105)	.16"	(4.0)	Natural	100
111-04311	T40L9M4	T40L	–	40 lbs	(180)	14.4"	(365)	4.13"	(105)	.16"	(4.0)		1000
111-04301	T40L0C2	T40L	–	40 lbs	(180)	14.4"	(365)	4.13"	(105)	.16"	(4.0)	Black	100
111-04305	T40L0M4	T40L	–	40 lbs	(180)	14.4"	(365)	4.13"	(105)	.16"	(4.0)		1000
T50S													
111-05811	T50S9C2	T50S	–	50 lbs	(225)	5.9"	(150)	1.38"	(35)	.18"	(4.6)	Natural	100
111-05813	T50S9M4	T50S	–	50 lbs	(225)	5.9"	(150)	1.38"	(35)	.18"	(4.6)		1000
111-05806	T50S0C2	T50S	–	50 lbs	(225)	5.9"	(150)	1.38"	(35)	.18"	(4.6)	Black	100
111-05808	T50S0M4	T50S	–	50 lbs	(225)	5.9"	(150)	1.38"	(35)	.18"	(4.6)		1000
T50R													
112-05019	T50R9C2	T50R	MS3367-1-9	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Natural	100
111-04862	T50R9M4	T50R	MS3367-1-9	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
111-04878	T50R0C2	T50R	*	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Black	100
111-04846	T50R0M4	T50R	*	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
T50I													
112-05219	T50I9C2	T50I	MS3367-7-9	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)	Natural	100
111-05230	T50I9M4	T50I	MS3367-7-9	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)		1000
111-00444	T50I0C2	T50I	*	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)	Black	100
111-05216	T50I0M4	T50I	*	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)		1000
T50L													
112-05419	T50L9C2	T50L	MS3367-2-9	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Natural	100
111-05449	T50L9M4	T50L	MS3367-2-9	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-00445	T50L0C2	T50L	*	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Black	100
111-00504	T50L0M4	T50L	*	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000

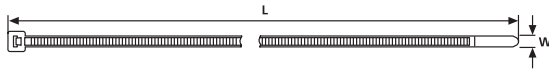
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes.

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

* Military black available. Contact HellermannTyton for more information.

Cable Ties

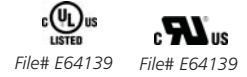
Heavy Duty Cable Ties



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.
T120S													
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)	Natural	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
T120I													
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)	Natural	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
T120R													
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)	Natural	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
T120L													
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.
T150R													
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
T150M													
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
T150L													
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
T150LL													
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
T150XL													
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
T150XLL													
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.

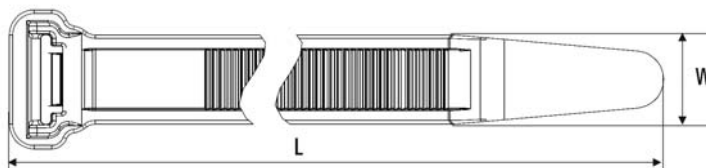
Wide Strap Heavy Duty Cable Ties

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	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											
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)		
WSS											
111-12303	111-12303	WSS	120 lbs (534)		9.1" (231.14)		2.25" (57.15)		.5" (12.7)	Black	60
111-12300	111-12300	WSS	120 lbs (534)		9.1" (231.14)		2.25" (57.15)		.5" (12.7)	Black	300
WSI											
111-12304	111-12304	WSI	120 lbs (534)		12.1" (307.34)		3.25" (82.55)		.5" (12.7)	Black	60
111-12301	111-12301	WSI	120 lbs (534)		12.1" (307.34)		3.25" (82.55)		.5" (12.7)	Black	300
WSR											
111-12305	111-12305	WSR	120 lbs (534)		15.1" (383.54)		4.125" (104.78)		.5" (12.7)	Black	60
111-12302	111-12302	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

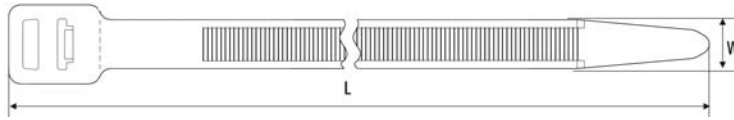
Heavy Duty Cable Ties T250 Series

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	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	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
			lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
T250S												
111-24702	T250S9X2	T250S	250 lbs	(1115)	9.05"	(230)	2.17"	(55)	.49"	(12.5)	Natural	25
111-24700	T250S0X2	T250S	250 lbs	(1115)	9.05"	(230)	2.17"	(55)	.49"	(12.5)	Black	25
T250R												
111-24803	T250R9X2	T250R	250 lbs	(1115)	20.47"	(520)	5.71"	(145)	.49"	(12.5)	Natural	25
111-24801	T250R0X2	T250R	250 lbs	(1115)	20.47"	(520)	5.71"	(145)	.49"	(12.5)	Black	25
T250M												
111-25002	T250M9X2	T250M	250 lbs	(1115)	22.24"	(565)	5.90"	(150)	.49"	(12.5)	Natural	25
111-25001	T250M0X2	T250M	250 lbs	(1115)	22.24"	(565)	5.90"	(150)	.49"	(12.5)	Black	25
T250I												
111-25219	T250I9X2	T250I	250 lbs	(1115)	28.54"	(725)	8.00"	(203)	.49"	(12.5)	Natural	25
111-00507	T250I0X2	T250I	250 lbs	(1115)	28.54"	(725)	8.00"	(203)	.49"	(12.5)	Black	25
T250L												
111-00436	T250L9X2	T250L	250 lbs	(1115)	34.65"	(880)	10.00"	(254)	.49"	(12.5)	Natural	25
111-24601	T250L0X2	T250L	250 lbs	(1115)	34.65"	(880)	10.00"	(254)	.49"	(12.5)	Black	25
T250XL												
111-00466	T250XL9X2	T250XL	250 lbs	(1115)	40.55"	(1030)	12.00"	(305)	.49"	(12.5)	Natural	25
111-25200	T250XL0X2	T250XL	250 lbs	(1115)	40.55"	(1030)	12.00"	(305)	.49"	(12.5)	Black	25

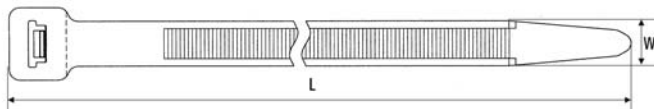
Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

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



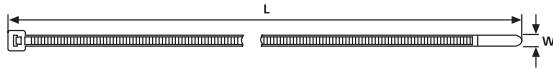
Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
111-25500	T255S0HIRX2	T255S	250 lbs (1115)	8.86" (225)	2.16" (55)	.49" (12.5)	Black	25
111-25400	T255R0HIRX2	T255R	250 lbs (1115)	20.28" (520)	5.71" (145)	.49" (12.5)	Black	25
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	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



File# E64139

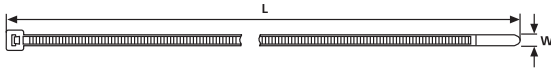
File# E64139

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)		
T18R												
116-01811	T18R1C2	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Brown	100
111-01849	T18R1M4	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		1000
111-01880	T18R2C2	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Red	100
111-01882	T18R2M4	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		1000
116-01813	T18R3C2	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Orange	100
111-01877	T18R3M4	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		1000
111-01896	T18R4C2	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Yellow	100
111-01898	T18R4M4	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		1000
111-01853	T18R5C2	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Green	100
111-01855	T18R5M4	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		1000
111-01842	T18R6C2	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Blue	100
111-01845	T18R6M4	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		1000
116-01817	T18R7C2	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Purple	100
111-01888	T18R7M4	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		1000
111-01857	T18R8C2	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Gray	100
111-01859	T18R8M4	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		1000
116-01819	T18R10C2	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	White	100
111-01892	T18R10M4	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		1000
T30R												
116-03011	T30R1C2	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Brown	100
111-03038	T30R1M4	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		1000
116-03012	T30R2C2	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Red	100
111-03056	T30R2M4	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		1000
116-03013	T30R3C2	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Orange	100
111-03052	T30R3M4	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		1000
116-03014	T30R4C2	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Yellow	100
111-03065	T30R4M4	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		1000
116-03015	T30R5C2	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Green	100
111-03041	T30R5M4	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		1000
116-03016	T30R6C2	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Blue	100
111-03036	T30R6M4	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		1000
116-03017	T30R7C2	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Purple	100
111-03062	T30R7M4	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		1000
116-03018	T30R8C2	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Gray	100
111-03061	T30R8M4	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		1000
111-03019	T30R10C2	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	White	100
116-03064	T30R10M4	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)		
T50R												
116-05011	T50R1C2	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Brown	100
111-04852	T50R1M4	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
116-05012	T50R2C2	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Red	100
111-04868	T50R2M4	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
116-05013	T50R3C2	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Orange	100
111-04865	T50R3M4	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
116-05014	T50R4C2	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Yellow	100
111-04892	T50R4M4	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
116-05015	T50R5C2	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Green	100
111-04854	T50R5M4	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
116-05016	T50R6C2	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Blue	100
111-04849	T50R6M4	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
116-05017	T50R7C2	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Purple	100
111-04877	T50R7M4	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
111-04870	T50R8C2	T50R	50 lbs	(225)	7.9"	(202)	1.97"	(50)	.18"	(4.6)	Gray	100
111-04872	T50R8M4	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
116-05019	T50R10C2	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	White	100
111-04879	T50R10M4	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
T50L												
111-05443	T50L1C2	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Brown	100
111-05444	T50L1M4	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05457	T50L2C2	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Red	100
111-05458	T50L2M4	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05451	T50L3C2	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Orange	100
111-05454	T50L3M4	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05467	T50L4C2	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Yellow	100
111-05468	T50L4M4	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05445	T50L5C2	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Green	100
111-00502	T50L5M4	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05431	T50L6C2	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Blue	100
111-05434	T50L6M4	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05464	T50L7C2	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Purple	100
111-00503	T50L7M4	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05461	T50L8C2	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Gray	100
111-05462	T50L8M4	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-05466	T50L10C2	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	White	100
111-05465	T50L10M4	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000

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

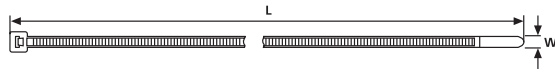
Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

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

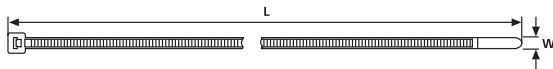
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. (MK9, MK9HT, and MK9P tools cannot be used with T18S cable tie)

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	Polyamide 6.6 V0 (PA66V0)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V0



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)		
T18R												
111-01834	T18R9VOC2	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	White	100
111-01835	T18R9VOM4	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	White	1000
111-01833	T18R0VOC2	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Black	100
T18I												
111-02304	T18I9VOM4	T18I	18 lbs	(80)	5.5"	(144)	1.38"	(35)	.10"	(2.5)	White	1000
T18L												
111-02045	T18L9VOC2	T18L	18 lbs	(80)	7.95"	(202)	2.17"	(55)	.10"	(2.5)	White	100
111-02046	T18L9VOM4	T18L	18 lbs	(80)	7.95"	(202)	2.17"	(55)	.10"	(2.5)	White	1000
111-02044	T18L0VOC2	T18L	18 lbs	(80)	7.95"	(202)	2.17"	(55)	.10"	(2.5)	Black	100
T30R												
111-03073	T30R9VOC2	T30R	30 lbs	(135)	5.83"	(148)	1.38"	(35)	.14"	(3.6)	White	100
111-03074	T30R9VOM4	T30R	30 lbs	(135)	5.83"	(148)	1.38"	(35)	.14"	(3.6)	White	1000
111-03072	T30R0VOC2	T30R	30 lbs	(135)	5.83"	(148)	1.38"	(35)	.14"	(3.6)	Black	100
T50R												
111-04909	T50R9VOC2	T50R	50 lbs	(225)	7.95"	(202)	1.97"	(50)	.18"	(4.6)	White	100
111-04911	T50R9VOM4	T50R	50 lbs	(225)	7.95"	(202)	1.97"	(50)	.18"	(4.6)	White	1000
111-04887	T50R0VOC2	T50R	50 lbs	(225)	7.95"	(202)	1.97"	(50)	.18"	(4.6)	Black	100
111-04908	T50R0VOM4	T50R	50 lbs	(225)	7.95"	(202)	1.97"	(50)	.18"	(4.6)	Black	1000
T50I												
111-05254	T50I9VOC2	T50I	50 lbs	(225)	11.82"	(300)	3.35"	(85)	.18"	(4.6)	White	100
111-05255	T50I9VOM4	T50I	50 lbs	(225)	11.82"	(300)	3.35"	(85)	.18"	(4.6)	White	1000
111-05258	T50I0VOC2	T50I	50 lbs	(225)	11.82"	(300)	3.35"	(85)	.18"	(4.6)	Black	100
T50L												
111-05438	T50L9VOC2	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.19"	(4.7)	White	100
111-05476	T50L9VOM4	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.19"	(4.7)	White	1000
111-05475	T50L0VOC2	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.19"	(4.7)	Black	100

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

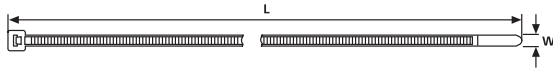
Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

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	Polypropylene (PP)
Operating Temperature	-40 °F to +239 °F (-40 °C to +115 °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						
T18R								
111-01921	T18R9PPC2	T18R	11 lbs (49)	4" (100)	.75" (19)	.10" (2.5)	Natural	100
111-01922	T18R9PPM4	T18R	11 lbs (49)	4" (100)	.75" (19)	.10" (2.5)	Natural	1000
111-01917	T18R0PPC2	T18R	11 lbs (49)	4" (100)	.75" (19)	.10" (2.5)	Black	100
111-01918	T18R0PPM4	T18R	11 lbs (49)	4" (100)	.75" (19)	.10" (2.5)	Black	1000
T30R								
111-03017	T30R9PPC2	T30R	20 lbs (89)	5.83" (148)	1.26" (32)	.14" (3.6)	Natural	100
T50R								
111-04931	T50R9PPC2	T50R	30 lbs (133)	8.0" (203.8)	1.75" (44.5)	.19" (4.7)	Natural	100
111-04928	T50R0PPC2	T50R	30 lbs (133)	8.0" (203.8)	1.75" (44.5)	.19" (4.7)	Black	100
111-04929	T50R0PPM4	T50R	30 lbs (133)	8.0" (203.8)	1.75" (44.5)	.19" (4.7)	Black	1000
T50I								
111-05262	T50I9PPM4	T50I	30 lbs (133)	11.8" (300)	3.35" (85)	.18" (4.6)	Natural	1000
T50L								
111-05483	T50L9PPM4	T50L	30 lbs (133)	15.35" (390)	4.33" (110)	.18" (4.7)	Natural	1000
111-05482	T50L0PPC2	T50L	30 lbs (133)	15.35" (390)	4.33" (110)	.18" (4.7)	Black	100
T120R								
111-12067	T120R0PPK2	T120R	60 lbs (267)	15.35" (390)	4.13" (105)	.30" (7.6)	Black	50
111-12066	T120R0PPH4	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.

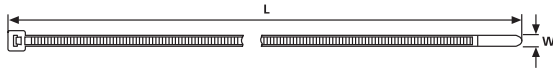
Cable Ties for Plenum Applications

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



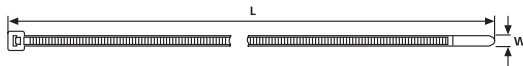
Product Selection

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)		
111-01900	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



File# E64139

File# E64139

Product Selection

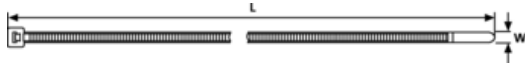
Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
			lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
111-00508	T18R9C2UL	T18R	18 lbs	(80)	4"	(100)	.86"	(22)	.10"	(2.5)	Natural	100
111-00509	T18R9M4UL	T18R	18 lbs	(80)	4"	(100)	.86"	(22)	.10"	(2.5)	Natural	1000
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	Ethylentetrafluoroethylene - Tefzel (E/TFE)
Operating Temperature	-112 °F to +302 °F (-80 °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	lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
111-01923	T18R6TZC2	T18R(U)	9.0 lbs	(40)	4"	(100)	.87"	(22)	.10"	(2.5)	Blue	100
111-01924	T18R6TZM4	T18R(U)	9.0 lbs	(40)	4"	(100)	.87"	(22)	.10"	(2.5)	Blue	1000
111-05026	T50R6TZC2	T50R(U)	35.5 lbs	(158)	8"	(200)	1.75"	(50)	.18"	(4.6)	Blue	100
111-04933	T50R6TZM4	T50R(U)	35.5 lbs	(158)	8"	(200)	1.75"	(50)	.18"	(4.6)	Blue	1000
111-12026	T120R6TZK2	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.

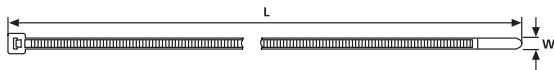


Material Data	
Material	Polyamide 6.6 heat stabilized (PA66HS)
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C) continuous
Flammability	UL94 V2



Outside serrated cable ties are also available in natural.

Contact HellermannTyton for more information.



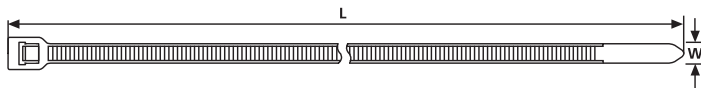
Product Selection			Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
Article No.	Part No.	Type	lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
118-04700	118-04700	T18ROS	18 lbs	(80)	3.94"	(100)	.79"	(20)	.10"	(2.5)	Black	100
118-04800	118-04800	T30ROS	30 lbs	(135)	5.71"	(145)	1.34"	(35)	.13"	(3.4)	Black	100
118-04900	118-04900	T30LOS	30 lbs	(135)	7.87"	(200)	2.0"	(50)	.13"	(3.4)	Black	100
118-05850	118-05850	T50SOS	50 lbs	(225)	5.9"	(150)	1.38"	(35)	.18"	(4.6)	Black	100
118-05050	118-05050	T50ROS	50 lbs	(225)	8"	(200)	1.95"	(50)	.18"	(4.6)	Black	100
118-05900	118-05900	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	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



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						
RT40R								
115-06219	RT40R9C2	RT40R	34 lbs (150)	8.46" (215)	2.0" (51)	.16" (4.0)	Natural	100
115-06204	RT40R9M4	RT40R	34 lbs (150)	8.46" (215)	2.0" (51)	.16" (4.0)		1000
115-06200	RT40R0C2	RT40R	34 lbs (150)	8.46" (215)	2.0" (51)	.16" (4.0)	Black	100
115-06202	RT40R0M4	RT40R	34 lbs (150)	8.46" (215)	2.0" (51)	.16" (4.0)		1000
RT50S								
115-06319	RT50S9C2	RT50S	50 lbs (225)	6.5" (165)	1.38" (35)	.18" (4.6)	Natural	100
115-06304	RT50S9M4	RT50S	50 lbs (225)	6.5" (165)	1.38" (35)	.18" (4.6)		1000
115-06300	RT50S0C2	RT50S	50 lbs (225)	6.5" (165)	1.38" (35)	.18" (4.6)	Black	100
115-00035	RT50S0M4	RT50S	50 lbs (225)	6.5" (165)	1.38" (35)	.18" (4.6)		1000
RT50LL								
115-06102	RT50LL9C2	RT50LL	50 lbs (225)	15" (380)	3.98" (101)	.18" (4.6)	Natural	100
115-06104	RT50LL9M4	RT50LL	50 lbs (225)	15" (380)	3.98" (101)	.18" (4.6)		1000
115-00039	RT50LL0C2	RT50LL	50 lbs (225)	15" (380)	3.98" (101)	.18" (4.6)	Black	100
115-06101	RT50LL0M4	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.

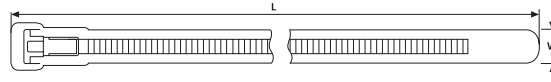
Cable Ties

REL Releasable Ties

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



Material Data	
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	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
			lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
REL50R												
115-00503	REL50R9C2	REL50R	50 lbs	(225)	5.5"	(140)	1.38"	(35)	.29" (7.4)		Natural	100
115-00505	REL50R9L4	REL50R	50 lbs	(225)	5.5"	(140)	1.38"	(35)	.29" (7.4)			200
115-00500	REL50R0C2	REL50R	50 lbs	(225)	5.5"	(140)	1.38"	(35)	.29" (7.4)			Black
115-00502	REL50R0L4	REL50R	50 lbs	(225)	5.5"	(140)	1.38"	(35)	.29" (7.4)		200	
REL50L												
115-00605	REL50L9C2	REL50L	50 lbs	(225)	9.84"	(250)	2.76"	(70)	.29" (7.4)		Natural	100
115-00607	REL50L9L4	REL50L	50 lbs	(225)	9.84"	(250)	2.76"	(70)	.29" (7.4)			200
115-00600	REL50L0C2	REL50L	50 lbs	(225)	9.84"	(250)	2.76"	(70)	.29" (7.4)			Black
115-00602	REL50L0L4	REL50L	50 lbs	(225)	9.84"	(250)	2.76"	(70)	.29" (7.4)		200	

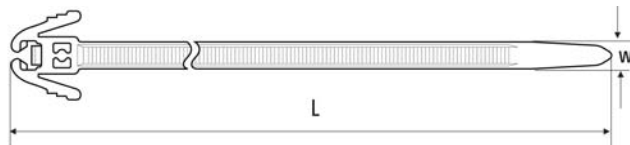
Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

Pinch Releasable Ties

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



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



Product Selection

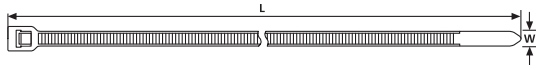
Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
			lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
115-40200	REZ200.NB3P	REZ200	30 lbs	(135)	7.88"	(200)	1.97"	(50)	.19" (4.7)		Black	100
115-40300	REZ300.NB3P	REZ300	30 lbs	(135)	12.00"	(305)	3.15"	(80)	.19"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



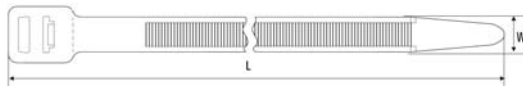
Material Data	
Material	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
115-00036	RT150REP0X2	RT150REP	175 lbs (780)	15.35" (390)	4" (105)	.346" (8.8)	Black	25
115-00037	RT150MEP0X2	RT150MEP	175 lbs (780)	21.06" (535)	5.90" (150)	.346" (8.8)	Black	25
115-00038	RT150LEP0X2	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	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



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US
File# E64139

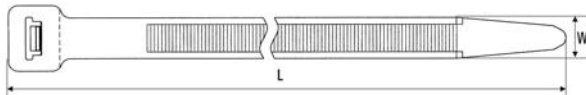
Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
RT250S								
131-75819	RT250S9X2	RT250S	250 lbs (1115)	9.05" (230)	2.17" (55)	.49" (12.5)	Natural	25
115-41800	RT250S0X2	RT250S	250 lbs (1115)	9.05" (230)	2.17" (55)	.49" (12.5)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



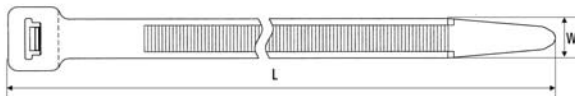
Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
115-01200	RT255S0HIRX2	RT255S	250 lbs (1112)	8.86" (225)	2.16" (55)	.49" (12.5)	Black	25
115-01300	RT255R0HIRX2	RT255R	250 lbs (1112)	20.28" (515)	5.71" (145)	.49" (12.5)	Black	25
115-01400	RT255M0HIRX2	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		RoHS
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						
115-42002	SR255S0HIHSUVX2	SR255S	250 lbs (1112)	8.86" (225)	2.16" (50)	.49" (12.5)	Black	25
115-42101	SR255X0HIHSUVX2	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.

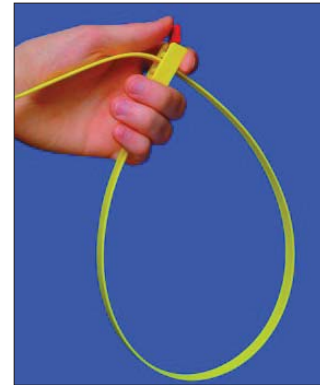
Speedy Tie

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

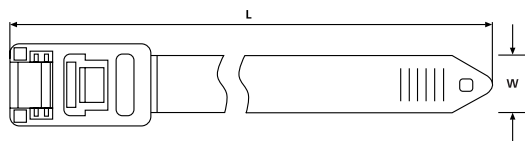
OEM Packs

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



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	RTT750HR.NX900	RTT750HR	Distributor Pack - order in carton qty. only	200 lbs (888)	29.52" (750)	8.27" (210)	.51" (13)	5	60
115-00000	RTT750HR.NX1P	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

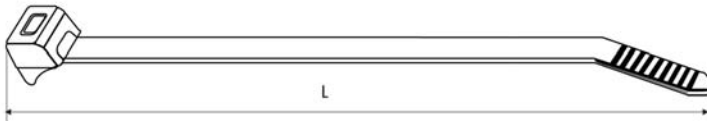
Clamp Ties

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

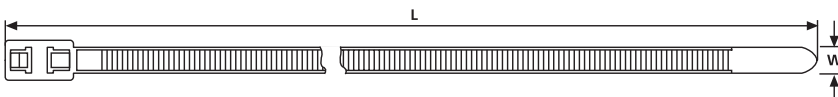
Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
CTT20R								
112-51919	CTT20R9C2	CTT20R	20 lbs (90)	4" (100)	.50" (13)	.10" (2.5)	Natural	100
112-51904	CTT20R9M4	CTT20R	20 lbs (90)	4" (100)	.50" (13)	.10" (2.5)		1000
112-51905	CTT20R0HSC2	CTT20R	20 lbs (90)	4" (100)	.50" (13)	.10" (2.5)	Black	100
112-51960	CTT20R0HSM4	CTT20R	20 lbs (90)	4" (100)	.50" (13)	.10" (2.5)		1000
CTT60R								
112-52104	CTT60R9C2	CTT60R	60 lbs (265)	8" (205)	1.77" (45)	.19" (4.7)	Natural	100
112-52106	CTT60R9M4	CTT60R	60 lbs (265)	8" (205)	1.77" (45)	.19" (4.7)		1000
112-52112	CTT60R0HSC2	CTT60R	60 lbs (265)	8" (205)	1.77" (45)	.19" (4.7)	Black	100
112-52114	CTT60R0HSM4	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)		
T50SDH										
117-00016	117-00016	T50SDH	50 lbs	(225)	6.26"	(159)	.19"	(4.7)	Natural	100
117-00017	117-00017	T50SDH	50 lbs	(225)	6.26"	(159)	.19"	(4.7)		1000
117-00018	117-00018	T50SDH	50 lbs	(225)	6.26"	(159)	.19"	(4.7)	Black	100
117-00019	117-00019	T50SDH	50 lbs	(225)	6.26"	(159)	.19"	(4.7)		1000
T50RDH										
117-05006	T50RDH9C2	T50RDH	50 lbs	(225)	8.25"	(210)	.19"	(4.7)	Natural	100
117-05008	T50RDH9M4	T50RDH	50 lbs	(225)	8.25"	(210)	.19"	(4.7)		1000
117-05004	T50RDH0C2	T50RDH	50 lbs	(225)	8.25"	(210)	.19"	(4.7)	Black	100
117-05005	T50RDH0M4	T50RDH	50 lbs	(225)	8.25"	(210)	.19"	(4.7)		1000
T50IDH										
117-05302	T50IDH9C2	T50IDH	50 lbs	(225)	12"	(305)	.19"	(4.7)	Natural	100
117-05303	T50IDH9M4	T50IDH	50 lbs	(225)	12"	(305)	.19"	(4.7)		1000
117-05362	T50IDH0C2	T50IDH	50 lbs	(225)	12"	(305)	.19"	(4.7)	Black	100
117-05300	T50IDH0M4	T50IDH	50 lbs	(225)	12"	(305)	.19"	(4.7)		1000
T50LDH										
117-05402	T50LDH9C2	T50LDH	50 lbs	(225)	15.5"	(395)	.19"	(4.7)	Natural	100
117-05461	T50LDH9M4	T50LDH	50 lbs	(225)	15.5"	(395)	.19"	(4.7)		1000
117-05400	T50LDH0C2	T50LDH	50 lbs	(225)	15.5"	(395)	.19"	(4.7)	Black	100
117-05401	T50LDH0M4	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.

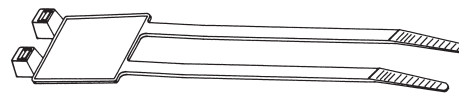
Cable Ties

Identification Ties

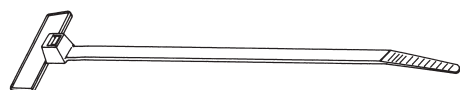
Tie and identify bundles of cable in one operation. Large flat area for imprinting or writing the required information. Hot stamping available, which is subject to minimums and lead times.



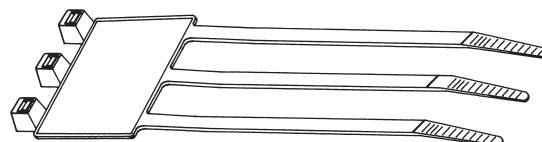
IT18R



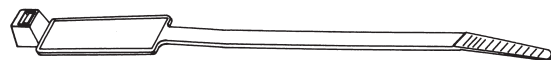
IT50RD



IT18FL



IT50RT



IT50R



IT50L

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



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

CT US
File# E64139

Product Selection

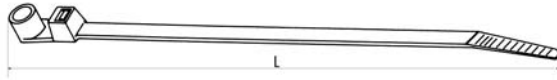
Article No.	Part No.	Type	US Gov. Designation	Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.	
				lbs. (N)	in. (mm)	in. (mm)	in. (mm)			
IT18R Marking Pad Size: .98" x .32" (25 x 8)										
111-81819	IT18R9C2	IT18R	MS3368-5-9E	18 lbs (80)	3.94" (100)	.75" (22.0)	.09" (2.3)	Natural	100	
111-81808	IT18R9L4	IT18R	MS3368-5-9E	18 lbs (80)	3.94" (100)	.75" (22.0)	.09" (2.3)	Natural	200	
111-81801	IT18R0C2	IT18R	*	18 lbs (80)	3.94" (100)	.75" (22.0)	.09" (2.3)	Black	100	
111-81803	IT18R0L4	IT18R	*	18 lbs (80)	3.94" (100)	.75" (22.0)	.09" (2.3)	Black	200	
IT18FL Marking Pad Size: .81" x .35" (20.5 x 9)										
111-81919	IT18FL9C2	IT18FL	-	18 lbs (80)	4.33" (110)	.75" (19.0)	.10" (2.5)	Natural	100	
111-81907	IT18FL9L4	IT18FL	-	18 lbs (80)	4.33" (110)	.75" (19.0)	.10" (2.5)	Natural	200	
111-81910	IT18FL0C2	IT18FL	-	18 lbs (80)	4.33" (110)	.75" (19.0)	.10" (2.5)	Black	100	
111-81903	IT18FL0L4	IT18FL	-	18 lbs (80)	4.33" (110)	.75" (19.0)	.10" (2.5)	Black	200	
IT50R Marking Pad Size: 1.10" x .51" (28 x 12.9)										
111-85019	IT50R9C2	IT50R	MS3368-1-9A	50 lbs (225)	7.99" (203)	1.75" (44.5)	.18" (4.6)	Natural	100	
111-85020	IT50R9M4	IT50R	MS3368-1-9A	50 lbs (225)	7.99" (203)	1.75" (44.5)	.18" (4.6)	Natural	1000	
111-85011	IT50R0C2	IT50R	*	50 lbs (225)	7.99" (203)	1.75" (44.5)	.18" (4.6)	Black	100	
111-85013	IT50R0M4	IT50R	*	50 lbs (225)	7.99" (203)	1.75" (44.5)	.18" (4.6)	Black	1000	
IT50RD Marking Pad Size: 1.14" x 1.04" (46 x 26.3)										
111-85219	IT50RD9K2	IT50RD	MS3368-3-9C	50 lbs (225)	8.07" (205)	1.73" (44.0)	.19" (4.7)	Natural	50	
111-85201	IT50RD0K2	IT50RD	*	50 lbs (225)	8.07" (205)	1.73" (44.0)	.19" (4.7)	Black	50	
IT50RT Marking Pad Size: 1.18" x 1.04" (46 x 26.3)										
111-85119	IT50RT9K2	IT50RT	MS3368-4-9D	50 lbs (225)	8.07" (205)	1.73" (44.0)	.19" (4.7)	Natural	50	
111-85100	IT50RT0K2	IT50RT	*	50 lbs (225)	8.07" (205)	1.73" (44.0)	.19" (4.7)	Black	50	
IT50L Marking Pad Size: .5" x 2.20" (12.8 x 56)										
111-85319	IT50L9C2	IT50L	MS3368-2-9A	50 lbs (225)	15.35" (390)	3.94" (100)	.19" (4.7)	Natural	100	
111-85306	IT50L9M4	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	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 lbs. (N)	Length (L) in. (mm)	Max. Ø Bundle in. (mm)	Width (W) in. (mm)	Color	Pkg. Qty.	
Article No.	Part No.	Type	Mounting							
T18MR										
113-00026	T18MR9C2	T18MR	# 4 screw	18 lbs (80)	4.33" (110)	.79" (20)	.10" (2.5)	Natural	100	
113-00028	T18MR9M4	T18MR		18 lbs (80)	4.33" (110)	.79" (20)	.10" (2.5)	Natural	1000	
113-00022	T18MR0C2	T18MR		18 lbs (80)	4.33" (110)	.79" (20)	.10" (2.5)	Black	100	
113-00024	T18MR0M4	T18MR		18 lbs (80)	4.33" (110)	.79" (20)	.10" (2.5)	Black	1000	
T30MR										
113-03019	T30MR9C2	T30MR	# 8 screw	30 lbs (135)	6.30" (160)	1.26" (32)	.14" (3.5)	Natural	100	
113-00036	T30MR9M4	T30MR		30 lbs (135)	6.30" (160)	1.26" (32)	.14" (3.5)	Natural	1000	
113-03010	T30MR0C2	T30MR		30 lbs (135)	6.30" (160)	1.26" (32)	.14" (3.5)	Black	100	
113-03011	T30MR0M4	T30MR		30 lbs (135)	6.30" (160)	1.26" (32)	.14" (3.5)	Black	1000	
T50MR										
113-05004	T50MR9C2	T50MR	# 10 screw	48 lbs (215)	8.46" (215)	1.77" (45)	.18" (4.6)	Natural	100	
113-05007	T50MR9M4	T50MR		48 lbs (215)	8.46" (215)	1.77" (45)	.18" (4.6)	Natural	1000	
113-05000	T50MR0C2	T50MR		48 lbs (215)	8.46" (215)	1.77" (45)	.18" (4.6)	Black	100	
113-05002	T50MR0M4	T50MR		48 lbs (215)	8.46" (215)	1.77" (45)	.18" (4.6)	Black	1000	
T50MRT										
113-05101	T50MRT9C2	T50MRT	#6-32 tap thru screw	50 lbs (225)	8.47" (215)	1.77" (45)	.19" (4.7)	Natural	100	
113-05102	T50MRT9M4	T50MRT		50 lbs (225)	8.47" (215)	1.77" (45)	.19" (4.7)	Natural	1000	
113-05100	T50MRT0C2	T50MRT		50 lbs (225)	8.47" (215)	1.77" (45)	.19" (4.7)	Black	100	
113-00037	T50MRT0M4	T50MRT		50 lbs (225)	8.47" (215)	1.77" (45)	.19" (4.7)	Black	1000	
T50MI										
113-00032	T50MI9C2	T50MI	# 10 screw	50 lbs (225)	12.40" (315)	3.35" (85)	.19" (4.7)	Natural	100	
113-00033	T50MI9M4	T50MI		50 lbs (225)	12.40" (315)	3.35" (85)	.19" (4.7)	Natural	1000	
113-00038	T50MI0C2	T50MI		50 lbs (225)	12.40" (315)	3.35" (85)	.19" (4.7)	Black	100	
113-00031	T50MI0M4	T50MI		50 lbs (225)	12.40" (315)	3.35" (85)	.19" (4.7)	Black	1000	
T50ML										
113-05419	T50ML9C2	T50ML	# 10 screw	50 lbs (225)	15.35" (390)	4.00" (100)	.18" (4.6)	Natural	100	
113-05403	T50ML9M4	T50ML		50 lbs (225)	15.35" (390)	4.00" (100)	.18" (4.6)	Natural	1000	
113-00007	T50ML0C2	T50ML		50 lbs (225)	15.35" (390)	4.00" (100)	.18" (4.6)	Black	100	
113-00035	T50ML0M4	T50ML		50 lbs (225)	15.35" (390)	4.00" (100)	.18" (4.6)	Black	1000	
T120MR										
113-12029	T120MR9K2	T120MR	#1/4" screw	120 lbs (535)	15.55" (395)	4.02" (102)	.30" (7.6)	Natural	50	
113-00018	T120MR9H4	T120MR		120 lbs (535)	15.55" (395)	4.02" (102)	.30" (7.6)	Natural	500	
113-12020	T120MR0K2	T120MR		120 lbs (535)	15.55" (395)	4.02" (102)	.30" (7.6)	Black	50	
113-00011	T120MR0H4	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.



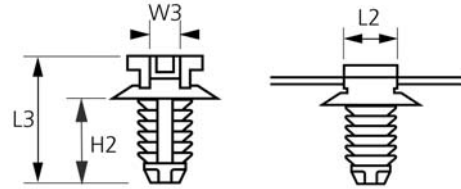
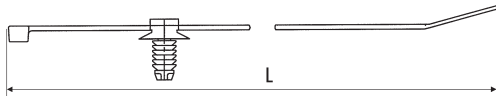
Material Data - All Cable Ties/
FT7, FT8 and FT10 Mounts

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



Material Data - FT5, FT6 and FT6LG Mounts

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

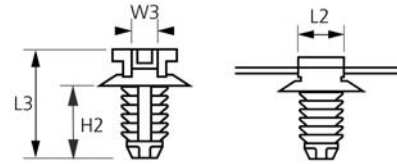
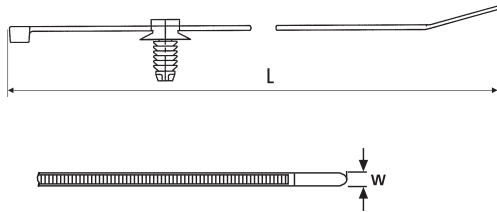


Product Selection

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)	
FT5 - Mounting Hole Ø: .177" - .197" (4.5-5.0mm) - Panel Thickness: .028" - .193" (0.7 - 3.0mm)												
150-55850	150-55850	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	156-00025	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
FT6 - Mounting Hole Ø: .252" - .28" (6.4-7.1mm) - Panel Thickness: .028" - .193" (0.75 - 3.0mm)												
150-77940	150-77940	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	156-00156	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	156-00157	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	156-00066	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*



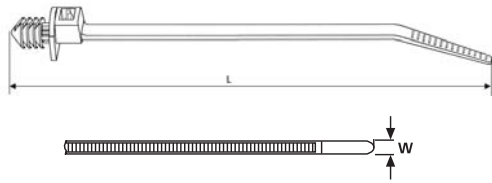
Product Selection												
Article No.	Part No.	Type	Min. Tensile Strength lbs. (N)	Max. Ø Bundle in. (mm)	Cable Tie			Mount				Pkg. Qty.
					Length (L) in. (mm)	Width (W) in. (mm)	Disc Ø in. (mm)	Length (L2) in. (mm)	Length (L3) in. (mm)	Width (W3) in. (mm)	Height (H2) in. (mm)	
FT6LG - Mounting Hole Ø: .256" - .276" (6.4-7.1mm) - Panel Thickness: .03" - .24" (0.75 - 6.0mm)												
150-31090	150-31090	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	150-31093	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	150-31091	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	156-00054	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
FT7 - Mounting Hole Ø: .256" - .276" (6.5-7.0mm) - Panel Thickness: .031" - .276" (0.8 - 7.0mm)												
156-00057	156-00057	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	156-00056	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	111-85871	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	111-05350	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	156-00055	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
FT8 - Mounting Hole Ø: .3" - .31" (7.7-8.0mm) - Panel Thickness: .03" - .31" (0.8 - 8.0mm)												
156-00058	156-00058	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	156-00158	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	156-00060	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	156-00061	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
FT10 - Mounting Hole Ø: .38" - .39" (9.7-10.0mm) - Panel Thickness: .031" - .236" (0.8 - 5.0mm)												
156-00089	156-00089	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	156-00090	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	156-00091	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	156-00092	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	156-00093	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	Polyamide 6.6 heat stabilized (PA66HS)
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C) continuous
Flammability	UL94 V2

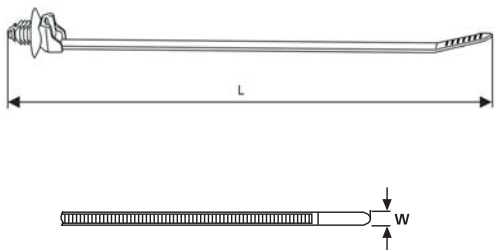


Product Selection			Min. Tensile Strength	Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type								
126-03501	T50RTM250HSM4	T50RTM25	50 lbs (225)	.25" - .26" (6.5 - 6.6)	.052" - .28" (1.32 - 7.0)	8.27" (210)	1.97" (50.0)	.19" (4.7)	Black	1000
157-01400	T50RTM25E8HSM4	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	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	Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type								
155-05800	155-05800	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

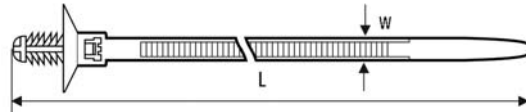
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

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)	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	

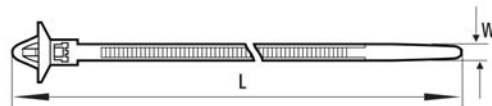
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

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)	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	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

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)		
T30RSF											
111-85603	T30RSF9C2	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	T30RSF9M4	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	T30RSF0C2	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	T30RSF0M4	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
T50SSF											
126-00043	126-00043	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	126-00044	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	126-00045	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	126-00046	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
T50RSF											
111-85789	T50RSF9C2	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	T50RSF9M4	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	T50RSF0C2	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	T50RSF0M4	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



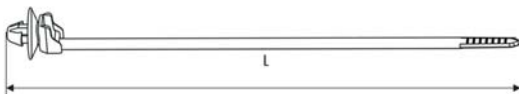
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Product Selection											
Article No.	Part No.	Type	Min. Tensile Strength	Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Disc Ø	Color	Pkg. Qty.
			lbs. (N)	in. (mm)	in. (mm)		in. (mm)				
T18RWPM											
126-00041	126-00041	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	T18RWPM9M4	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
T50SL6											
111-85469	T50SL6.NN6P	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
T50SL7											
111-85479	T50SL7.NN6P	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

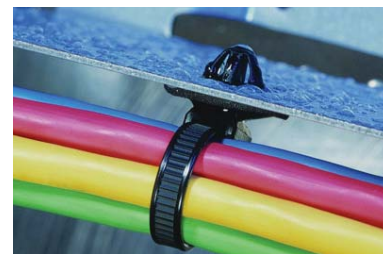
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes. * UL recognition applies to T18RWPM ties.

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



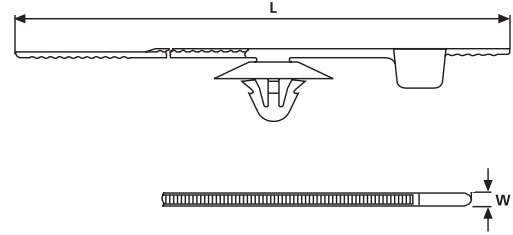
Product Selection											
Article No.	Part No.	Type	Min. Tensile Strength	Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.	
			lbs. (N)	in. (mm)	in. (mm)		in. (mm)				in. (mm)
126-03100	126-03100	T50SOSSFT6.5E-MD	50 lbs (225)	.25" - .26" (6.3-6.7)	.02" - .07" (0.6 - 1.8)	6.30" (160)	1.38" (35)	.18" (4.6)	Green	500	
126-03101	126-03101	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	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



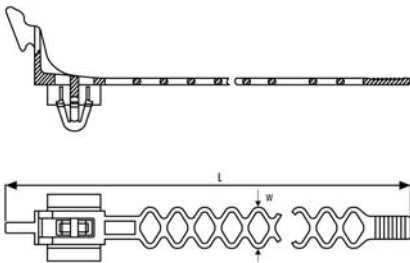
Product Selection

Article No.	Part No.	Type	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	150-35930	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	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



Product Selection

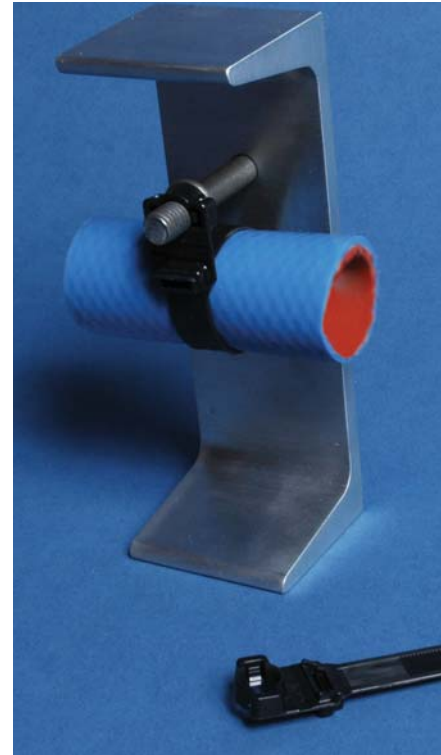
Article No.	Part No.	Type	Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
			in. (mm)	in. (mm)					
150-26100	FBS1000H4	FBS100	.25" - .26" (6.3-6.7)	.03" - .15" (0.7 - 3.9)	4.53" (115)	1.06" (27)	.40" (10)	Black	500
150-26140	FBS1400H4	FBS140	.26" - .25" (6.3-6.7)	.03"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

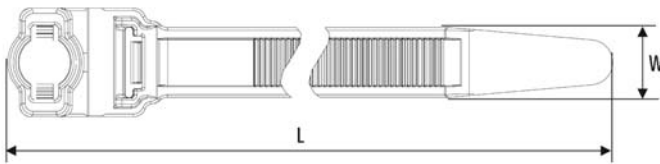
Wide Strap Heavy Duty Stud Mount Cable Ties

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	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		



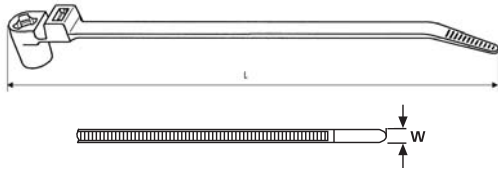
Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
Wide Strap Ties with 1/4" Stud Mount								
157-00400	157-00400	WSS250	120 lbs (534)	9.7" (246.38)	2.25" (57.15)	.5" (12.7)	Black	300
157-00401	157-00401	WSI250	120 lbs (534)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

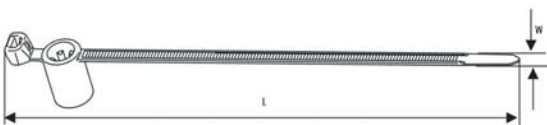


Product Selection			Stud Ø	Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type							
157-01300	T120RSM0HIRK2	T120RSM	.25" (6.25)	120 lbs (535)	15.94" (405)	3.98" (101)	.30" (7.6)	Black	50

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

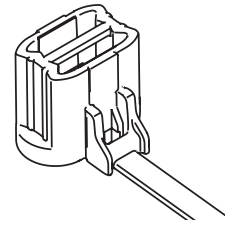


Product Selection			Stud Ø	Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type							
155-30602	155-30602	T50SSBS50TE	.20" (5)	45 lbs (200)	6.30" (160)	1.38" (35)	.181" (4.6)	Black	500

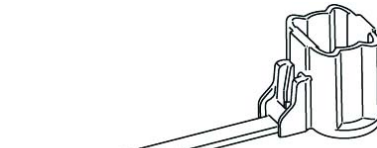
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

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

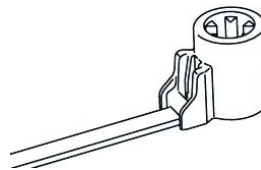


Product Selection		Type	Stud Ø		Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
Article No.	Part No.		in.	(mm)	lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
155-05400	155-05400	T50SOSSB5HEC	.20"	(5)	38 lbs	(170)	6.30"	(160)	1.38"	(35)	.18"	(4.6)	Black	500
155-46302	155-46302	T50SOSSB6HE	.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	Polyamide 6.6 heat stabilized (PA66HS)
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C) continuous
Flammability	UL94 V2



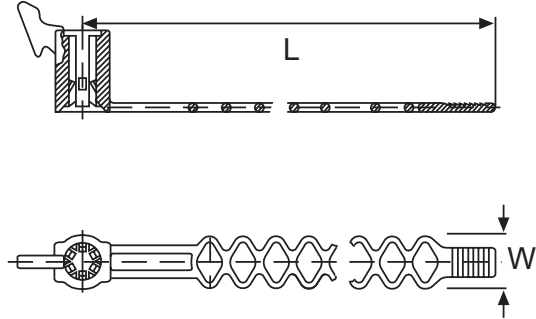
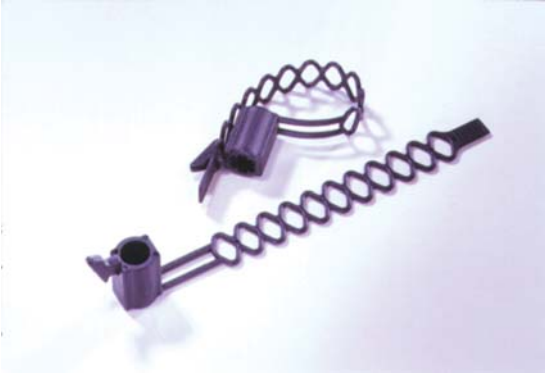
Product Selection		Type	Stud Ø		Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
Article No.	Part No.		in.	(mm)	lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
155-12300	155-12300	T50SOSSB5SE	.20"	(5)	50 lbs	(225)	6.30"	(160)	1.38"	(35)	.18"	(4.6)	Black	500

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

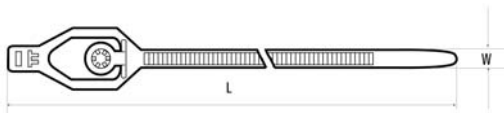


Product Selection			Stud Ø	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
150-28100	150-28100	FBB100	# 10-24" (5)	4" (110)	.91" (23)	.40" (10)	Black	500
150-28140	150-28140	FBB140		5.59" (142)	1.50" (38)	.40" (10)	Black	500
150-28180	150-28180	FBB185		7.87" (200)	1.97" (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	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



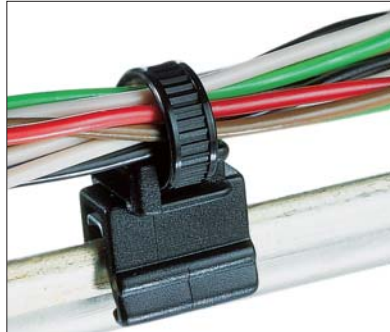
Product Selection			Stud Ø	Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type							
111-07110	111-07110	T5ORS5	#10 - 24" (5)	50 lbs (225)	7.48" (190)	1.58" (40)	.18" (4.6)	Black	100

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



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



Product Selection							Pkg. Qty.	Drawing
Article No.	Part No.	Type	Min. Tensile Strength	Length (L)	Max. Ø Bundle			
			lbs. (N)	in. (mm)	in. (mm)			
Panel Thickness, — .039" - .117" (1-3mm)								
150-76090	150-76090	T30REC4A	30 lbs (135)	5.9" (150)	1.3" (33)	500		
150-76093	150-76093 *	T50SOSEC4A	50 lbs (225)	5.9" (150)	1.2" (31)	500		
150-76091	150-76091	T50REC4A	50 lbs (225)	8" (202)	1.8" (45)	500		
150-76099	150-76099 *	T50ROSEC4A	50 lbs (225)	7.9" (200)	1.8" (45)	500		
150-76080	150-76080	T30REC4B	50 lbs (135)	5.9" (150)	1.3" (33)	500		
156-00109	156-00109 *	T50SOSEC4B	50 lbs (225)	6.5" (165)	1.2" (31)	500		
150-76079	150-76079 *	T50ROSEC4B	50 lbs (225)	7.9" (200)	1.8" (45)	500		
150-40593	150-40593 *	T50SOSEC5A	50 lbs (225)	5.9" (150)	1.2" (31)	500		
150-40592	150-40592	T50REC5A	50 lbs (225)	8" (202)	1.8" (45)	500		
150-40591	150-40591	T50ROSEC5A	50 lbs (225)	7.9" (200)	1.8" (45)	500		
156-01007	156-01007	T50RDHEC5A	50 lbs (225)	8.3" (210)	1.8" (45)	500		
156-05000	156-05000	T30REC5B	30 lbs (135)	5.9" (150)	1.3" (33)	500		
150-40583	150-40583 *	T50SOSEC5B	50 lbs (225)	5.9" (150)	1.2" (31)	500		
150-40582	150-40582	T50REC5B	50 lbs (225)	8.0" (202)	1.8" (45)	500		
150-40581	150-40581 *	T50ROSEC5B	50 lbs (225)	7.9" (200)	1.8" (45)	500		
155-37104	155-37104	T18REC9	18 lbs (80)	3.9" (100)	.75" (19)	500		
156-00019	156-00019 *	T50SOSEC9SD	50 lbs (225)	5.9" (150)	1.2" (31)	500		
156-05903	156-05903	T50ROSEC9	50 lbs (225)	7.9" (200)	1.8" (45)	500		
155-38304	155-38304	T18R-EC10	18 lbs (80)	3.9" (100)	.79" (20)	500		
156-05904	156-05904 *	T50ROSEC10	50 lbs (225)	7.9" (200)	1.8" (45)	500		
156-00017	156-00017	T50SOSEC21	50 lbs (225)	5.9" (150)	1.3" (33)	500		
156-00010	156-00010	T50ROSEC21	50 lbs (225)	7.9" (200)	1.8" (45)	500		
156-00018	156-00018	T50SOSEC22	50 lbs (225)	5.9" (150)	1.3" (33)	500		
156-00011	156-00011	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)		
Panel Thickness — .117" - .234" (3-6 mm)										
156-04600	156-04600	T18ROSEC19	18 lbs	(80)	3.9"	(100)	.79"	(20)	500	
156-04601	156-04601	T50SOSEC19	50 lbs	(225)	5.9"	(150)	1.2"	(31)	500	
156-04602	156-04602	T50ROSEC19	50 lbs	(225)	7.9"	(200)	1.8"	(45)	500	
156-00016	156-00016	T50SOSEC20	50 lbs	(225)	5.9"	(150)	1.3"	(33)	500	
156-00020	156-00020	T50ROSEC20	50 lbs	(225)	7.9"	(200)	1.8"	(45)	500	
156-00006	156-00006	T50ROSEC23	50 lbs	(225)	7.9"	(200)	1.8"	(45)	500	
156-00007	156-00007	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	Polyamide 6.6 heat stabilized (PA66HS)
Color	Black
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C) continuous
Flammability	UL94 HB



Product Selection			Min. Tensile Strength		Length (L)		Max. Ø Bundle		Pkg. Qty.	Drawing
Article No.	Part No.	Type	lbs.	(N)	in.	(mm)	in.	(mm)		
Panel Thickness — .039" - .117" (1-3 mm)										
133-00059	133-00059	T40XEC5SP-E	40 lbs	(178)	4.05"	(103)	.59"	(15)	500	
148-00200	148-00200	T50SOSEC12E	50 lbs	(225)	6.30"	(160)	1.38"	(35)	500	
126-00000	126-00000	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	Polyamide 6.6 high impact modified, heat stabilized (PA66HIRHS)
Color	Black
Operating Temperature	-40 °F to +230 °F (-40 °C to +110 °C) continuous
Flammability	UL94 HB

Product Selection

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

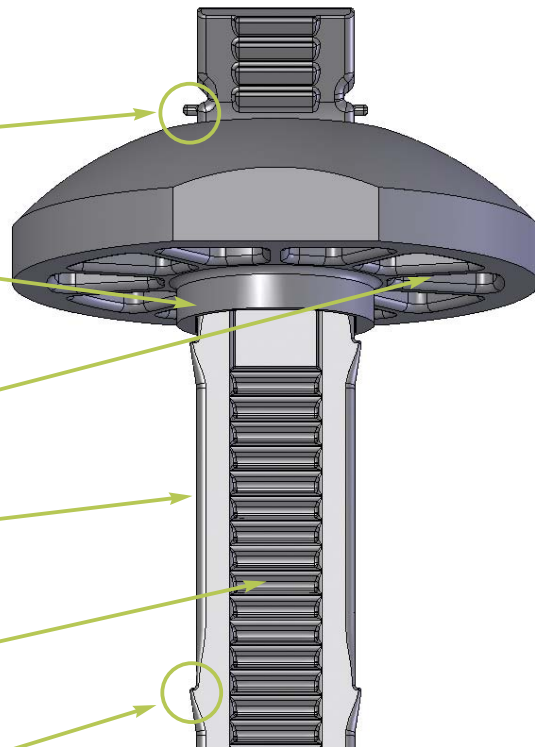
Pilot bushing - protects the strap from abrasion on the mounting hole edge

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

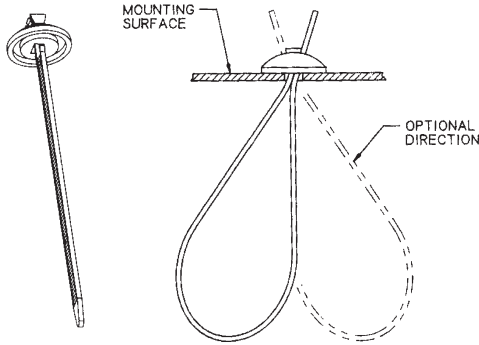
Strap - more radiused edges for added flexibility

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

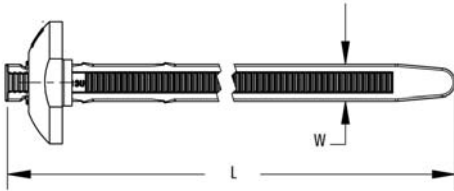
Retainers — lower retainers on BT130 help prevent the strap from backing out of the mounting hole and holds HellermannTyton's saddle mounts in place during assembly.



Button Head Ties *continued*



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



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)		
BT105 Button Head Ties												
132-00010	132-00010	BT105R	105 lbs	(467)	9.63"	(244.4)	2.62"	(66.7)	.22"	(5.6)	Black	50
132-00011	132-00011	BT105L	105 lbs	(467)	15"	(381.5)	4.33"	(110)	.22"	(5.6)	Black	50
BT105 Button Head Ties with Pilot Bushings												
132-00006	132-00006	BT105RP	105 lbs	(467)	9.63"	(244.4)	2.62"	(66.7)	.22"	(5.6)	Black	50
132-00007	132-00007	BT105LP	105 lbs	(467)	15"	(381.5)	4.33"	(110)	.22"	(5.6)	Black	50
BT130 Button Head Ties with Retainers and Pilot Bushings												
132-00008	132-00008	BT130RDP	130 lbs	(578)	10.51"	(267.0)	2.87"	(73)	.30"	(7.6)	Black	50
132-00009	132-00009	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

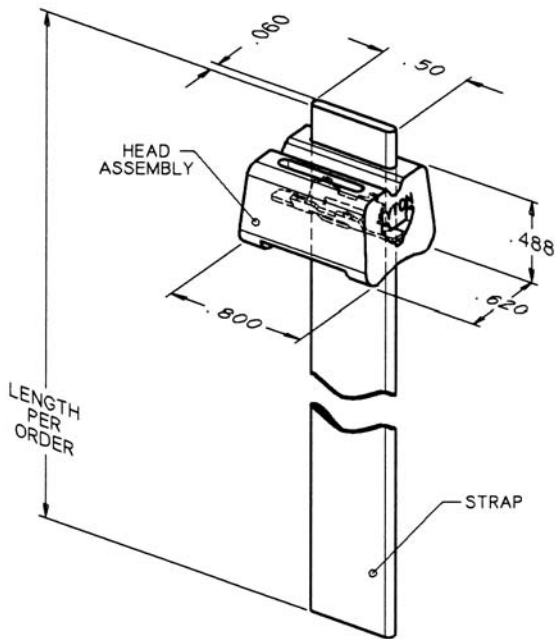
EL-TY (Extended Length Ties)

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.

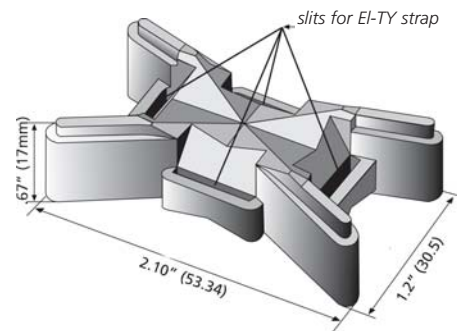


Material Data- Strap and Head	
Material	Polyacetal (POM)
Color	Black
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C)
Flammability	UL94 HB



El-Ty Strap and Locking Head

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



El-Ty Spacer

Product Selection

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

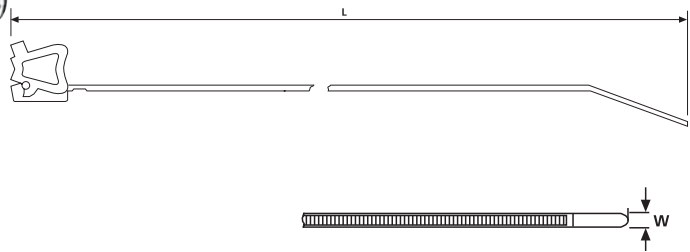
Aerial Support Spacer Ties

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	Polyamide 6.6 high impact modified (PA66HIR)
Color	Black
Operating Temperature	-40 °F to +230 °F (-40 °C to +110 °C) continuous
Flammability	UL94 HB



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



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	TAS100RWS	TAS100RWS	100 lbs	(445)	8.25"	(209.6)	1.75"	(44.5)	.50"	(12.7)	Black	100
111-98500	TAS100MWS	TAS100MWS	100 lbs	(445)	10.7"	(272.3)	2.75"	(70)	.50"	(12.7)	Black	100
148-00022	TAS100LWS	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.

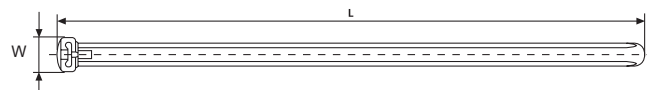


Required Tool - 121-00680



Kabelrap Application

Material Data	
Material	Polyamide 6.6 UV-resistant (PA66UV)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °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)		
121-61860	121-61860	KR6/18	110 lbs	(490)	7.25"	(183)	1.5"	(39)	.24"	(6)	Black	50
121-63560	121-63560	KR6/35	110 lbs	(490)	14"	(356)	3.75"	(93)	.25"	(6)	Black	50
121-82160	121-82160	KR8/21	175 lbs	(785)	8.25"	(210)	1.75"	(47)	.31"	(8)	Black	50
121-83360	121-83360	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

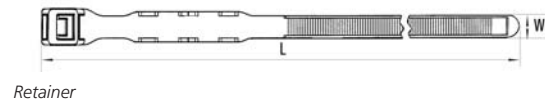
Parallel Entry Ties

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

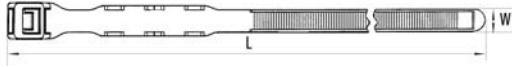
Material Data	
Material	Polyamide 6.6 UV-resistant (PA66UV)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



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

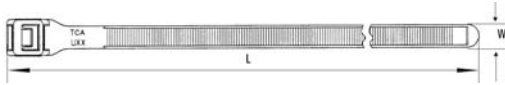
Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

Parallel Entry Ties *continued*



Retainer

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



No Retainer

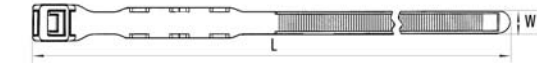
Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
PE130R								
112-00600	PE130R0UVC2	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84" (123.0)	.36" (9.0)	Black	100
112-00601	PE130R14UVC2	PE130R	130 lbs (578.3)	16.25" (413.0)	4.84"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

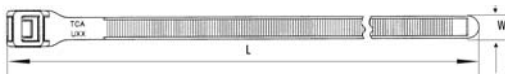
Cable Ties

Parallel Entry Ties *continued*

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



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)		
PER130R												
112-00800	PER130R0UVC2	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Black	100
112-00802	PER130R14UVC2	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Watermelon	100
112-00803	PER130R20UVC2	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Custom Blue	100
112-00804	PER130R21UVC2	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Custom Green	100
112-00805	PER130R23UVC2	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Raspberry	100
112-00806	PER130R31UVC2	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Aquamarine	100
112-00807	PER130R4UVC2	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Yellow	100
112-00808	PER130R6AUVC2	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Light Blue	100
112-00809	PER130R7UVC2	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Purple	100
112-00810	PER130R8AUVC2	PER130R	130 lbs	(578.3)	16.25"	(413.0)	4.84"	(123.0)	.49"	(12.4)	Light Grey	100
PE130I												
112-00500	PE130I0UVC2	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Black	100
112-00501	PE130I10UVC2	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	White	100
112-00502	PE130I14UVC2	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Watermelon	100
112-00503	PE130I17UVC2	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Tan	100
112-00504	PE130I20UVC2	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Custom Blue	100
112-00505	PE130I21UVC2	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Custom Green	100
112-00506	PE130I22UVC2	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Lavender	100
112-00507	PE130I23UVC2	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Raspberry	100
112-00508	PE130I31UVC2	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Aquamarine	100
112-00509	PE130I32UVC2	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Butterscotch	100
112-00510	PE130I4UVC2	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Yellow	100
112-00511	PE130I6AUVC2	PE130I	130 lbs	(578.3)	21"	(533.0)	6.22"	(158.0)	.35"	(9.0)	Light Blue	100
112-00512	PE130I8AUVC2	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.