

Miniature cable ties

W2.5mm Type



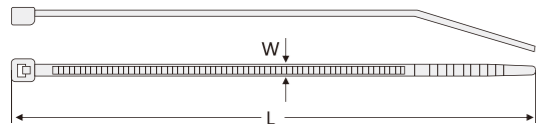
LENGTH, TENSILE STRENGTH, AND BUNDLE DIAMETER- CRITICAL ELEMENTS IN DETERMINING THE RIGHT TIE FOR THE APPLICATION.



Miniature cable ties offer the ideal solution for small, light duty cable and wire bundling applications up to 8KG (18lbs). The one piece construction allows for consistent performance and reliability. A very low insertion force is required with the Miniature cable ties. Natural ties are preferred for indoor use applications while UV Black is recommended for outdoor applications, providing greater resistance to ultraviolet light. Zhejiang Tolerance stocks the Miniature cable ties in a variety of lengths from 60mm--380mm(2.36" -15"). The Miniature 8KG(18lb) cable ties are available in both bulk 1000 piece bags and smaller 100 piece bags. A full range of standard and fluorescent colors of the Miniature ties are available.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates,chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Caba Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength		Hand Tool
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs	
TST-60M	2.5	0.098	60	2.36	11	0.43	2.0	0.079	80	18	
TST-80M			80	3.15	16	0.63	2.0	0.079			
TST-100M			100	3.94	22	0.87	2.0	0.079			
TST-120M			120	4.72	30	1.18	2.0	0.079			
TST-150M			150	5.91	35	1.38	2.0	0.079			
TST-160M			160	6.30	39.8	1.57	2.0	0.079			
TST-200M			200	7.87	52.5	2.07	2.0	0.079			
TST-260M			260	10.24	73	2.87	2.0	0.079			
TST-300M			300	11.81	84	3.31	2.0	0.079			
TST-380M			380	14.96	110	4.33	2.0	0.079			

Intermediate cable ties

W3.6mm Type



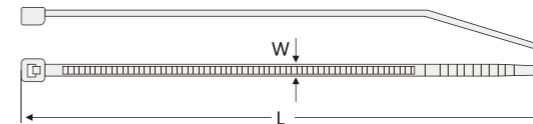
CONSIDER OFFERING THESE CABLE TIES AS A COST EFFECTIVE ALTERNATIVE TO THE 22KG(50LB) SERIES WHEN THE APPLICATION ALLOWS



Intermediate cable ties are effective for use in a wide variety cable and wire bundling applications requiring a maximum 18KG(40lb) tensile strength. The one piece construction allows for consistent performance and reliability. These cable ties work efficiently and are a cost effective alternative when the heavier standard 22KG(50lb) series is not required. Natural ties are preferred for indoor use applications while UV Black is recommended for outdoor applications, providing greater resistance to ultraviolet light. Zhejiang Tolerance stocks the Intermediate18KG(40lb) cable ties in 100MM--400MM(4" --16") lengths. Packaging of the Intermediate18KG(40lb) cable ties are in bulk 1000 piece bags or smaller 100 piece bags. A wide variety of colors are available for shipment to Zhejiang Tolerance Distributors in the Intermediate 18KG(40lb) series.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates,chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Caba Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength		Hand Tool
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs	
TST-100I	3.6	0.142	100	3.94	22	1.30	3.0	0.118	180	42	
TST-120I			120	4.72	27	1.06	3.0	0.118			
TST-150I			150	5.91	35	1.65	3.0	0.118			
TST-160I			160	6.30	39.8	1.57	3.0	0.118			
TST-180I			180	7.09	42	1.97	3.0	0.118			
TST-200I			200	7.87	50	2.56	3.0	0.118			
TST-250I			250	9.84	65	2.76	3.0	0.118			
TST-280I			280	11.02	70	3.15	3.0	0.118			
TST-300I			300	11.81	80	3.94	3.0	0.118			
TST-350I			350	13.78	100	3.94	3.0	0.118			
TST-370I			370	14.57	105	4.13	3.0	0.118			
TST-400I			400	15.75	114.5	4.51	3.0	0.118			

Standard cable ties

W4.8mm Type



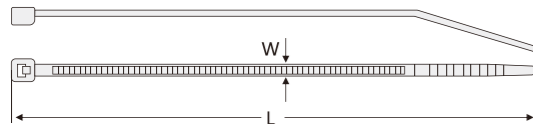
THESE CABLE TIES ARE THE MOST POPULAR MARKET.



Standard cable ties 22KG (50 lb) or zip ties are among the most popular cable ties currently being sold. The one piece construction allows for consistent performance and reliability. They offer the perfect solution in a wide variety of applications in industry, wire bundling, and cable management. With a maximum tensile strength of 22KG(50lbs), they are available in a full range of lengths from 100MM--920MM (4" --36"). Natural ties are preferred for indoor use applications while UV Black is recommended for outdoor applications, providing greater resistance to ultraviolet light. In addition to Natural and UV Black, Standard 22KG(50 lb) ties are available in eight standard and five fluorescent colors. Zhejiang Tolerance stocks the Standard 22KG(50 lb) cable ties in bulk packages of 1000 and 500 and smaller package quantities of 100 and 50 pieces per bag.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cable Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength		Hand Tool
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs	

TST-100ST	4.8	0.189	100	3.94	22	1.30	3.5	0.138	222	50	
TST-120ST			120	4.72	30	1.18	3.5	0.138			
TST-150ST			150	5.91	35	1.57	3.5	0.138			
TST-160ST			160	6.30	36.6	1.44	3.5	0.138			
TST-190ST			190	7.48	46	1.81	3.5	0.138			
TST-200ST			200	7.87	50	1.97	3.5	0.138			
TST-250ST			250	9.84	65	2.56	3.5	0.138			
TST-280ST			280	11.02	70	2.76	3.5	0.138			
TST-290ST			290	11.42	78	3.07	3.5	0.138			
TST-300ST			300	11.81	80	3.15	3.5	0.138			
TST-310ST			310	12.20	86	3.39	3.5	0.138			
TST-350ST			350	13.78	90	3.54	3.5	0.138			
TST-370ST			370	14.57	98	3.86	3.5	0.138			
TST-380ST			380	14.96	102	4.02	3.5	0.138			
TST-400ST			400	15.75	105	4.13	3.5	0.138			
TST-430ST			430	16.93	120	4.72	3.5	0.138			
TST-450ST			450	17.72	130	5.12	3.5	0.138			
TST-500ST			500	19.69	150	5.91	3.5	0.138			
TST-550ST			550	21.65	160	6.30	3.5	0.138			
TST-610ST			610	24.02	180	7.08	3.5	0.138			
TST-740ST	740	29.13	220	8.66	3.5	0.138					
TST-920ST	920	36.22	278	10.94	3.5	0.138					

Heavy duty cable ties

W7.6mm Type



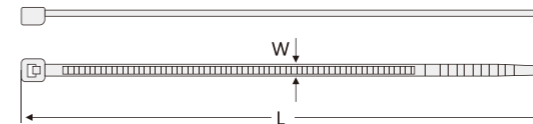
LENGTH, TENSILE STRENGTH, AND BUNDLE DIAMETER - CRITICAL ELEMENTS IN DETERMINING THE RIGHT TIE FOR THE APPLICATION.



Heavy duty cable ties (or zip ties) are effective in applications requiring 54KG(120 lb) tensile strengths. The one piece construction allows for consistent performance and reliability. The 54KG(120 lb) cable ties are available in lengths from 150MM--760MM (6" -- 30"). Natural cable ties are preferred for indoor use applications while UV Black is recommended for outdoor applications, providing greater resistance to ultraviolet light. Zhejiang Tolerance stocks the 54KG(120 lb) cable ties in standard packages of 100 or 50 depending upon the weight and length of the cable tie.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cable Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength		Hand Tool
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs	

TST-150HD	7.6	0.299	150	5.91	35	1.57	8.0	0.315	560	130	
TST-200HD			200	7.87	50	19.7	8.0	0.315			
TST-250HD			250	9.84	65	2.56	8.0	0.315			
TST-280HD			280	11.02	70	2.76	8.0	0.315			
TST-300HD			300	11.81	80	3.15	8.0	0.315			
TST-350HD			350	13.78	90	3.54	8.0	0.315			
TST-370HD			370	14.57	98	3.86	8.0	0.315			
TST-380HD			380	14.96	102	4.02	8.0	0.315			
TST-400HD			400	15.75	105	4.13	8.0	0.315			
TST-430HD			430	16.93	120	4.72	8.0	0.315			
TST-450HD			450	17.72	130	5.12	8.0	0.315			
TST-500HD			500	19.69	150	5.91	8.0	0.315			
TST-530HD			530	20.87	155	6.10	8.0	0.315			
TST-550HD			550	21.65	160	6.30	8.0	0.315			
TST-610HD			610	24.02	180	7.09	8.0	0.315			
TST-650HD			650	25.59	185	7.28	8.0	0.315			
TST-710HD			710	27.95	192	7.56	8.0	0.315			
TST-760HD			760	29.92	205	8.07	8.0	0.315			

Extra Heavy Duty Cable Ties

W9.0mm Type



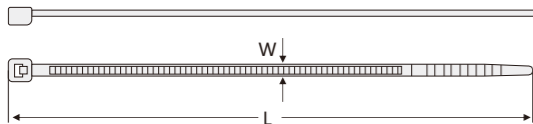
PERFECT FOR WIRE BUNDLING APPLICATIONS



Extra Heavy Duty Cable Ties (also called wire ties, zip ties or tie wraps) are effective in applications requiring up to 79KG(175 lb) tensile strengths. The one piece construction allows for consistent performance and reliability. For heavier duty cable and wire bundling applications, a 79KG(175 lb) cable tie is recommended and is available in lengths from 380mm--1530mm(15" --60"). Natural ties are preferred for indoor use applications while UV Black is recommended for outdoor applications, providing greater resistance to ultraviolet light. Cable Tie Express stocks the 79KG(175 lb)cable ties in standard packages of 100 or 50 depending upon the weight and length of the cable tie.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates,chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cabel Ties).



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength		Hand Tool
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs	
TST-380EHD	9.0	0.354	380	14.96	102	4.02	8.5	0.33	778	175	
TST-400EHD			400	15.75	105	4.13	8.5	0.33			
TST-430EHD			430	16.93	110	4.33	8.5	0.33			
TST-450EHD			450	17.72	118	4.65	8.5	0.33			
TST-500EHD			500	19.69	150	5.91	8.5	0.33			
TST-530EHD			530	20.87	155	6.10	8.5	0.33			
TST-550EHD			550	21.65	160	6.30	8.5	0.33			
TST-650EHD			650	25.59	185	7.28	8.5	0.33			
TST-710EHD			710	27.95	195	7.68	8.5	0.33			
TST-760EHD			760	29.92	205	8.07	8.5	0.33			
TST-820EHD			820	32.28	235	9.25	8.5	0.33			
TST-920EHD			920	36.22	280	11.02	8.5	0.33			
TST-1020EHD			1020	40.16	295	11.61	8.5	0.33			
TST-1168EHD			1168	45.98	340	13.39	8.5	0.33			
TST-1220EHD			1220	48.03	375	14.76	8.5	0.33			
TST-1350EHD	1350	53.15	400	15.75	8.5	0.33					
TST-1530EHD	1530	60.24	450	17.72	8.5	0.33					
TST-450GHD	10.0	0.394	450	17.72	118	4.65	8.5	0.33	900	200	
TST-500GHD			500	19.69	150	5.91	8.5	0.33			

Ultra Heavy Duty Cable Ties

W12.4mm Type



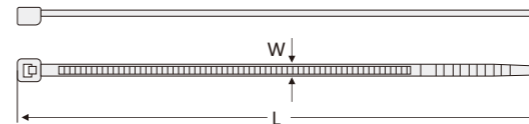
ADHERING TO THE HIGHEST STANDARDS OF EXCELLENCE



Ultra Heavy Duty Cable Ties are the strongest in the industry with the capability of supporting bundles up to 112KG(250 lbs). The one piece construction allows for consistent performance and reliability. Available lengths of the Ultra Heavy Duty Cable Ties range from 230MM--1020MM(9" --40"). Natural colored ties are preferred for indoor use applications while UV Black is recommended for outdoor applications, providing greater resistance to ultraviolet light. Cable Tie Express stocks the 112KG(250 lbs) cable ties in standard packages of 50. Ultra Heavy Duty Cable Ties may also go by the names ultra-heavy duty zip ties, tie wraps, or wire ties.

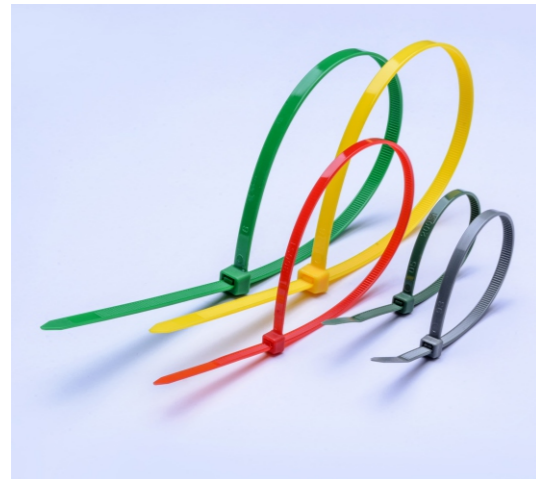
Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates,chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cabel Ties).



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs
TST-230HSD	12.4	0.488	230	9.06	57	2.24	9.00	0.35	1140	250
TST-290HSD			290	11.42	76	2.99	9.00	0.35		
TST-380HSD			380	14.96	103	4.07	9.00	0.35		
TST-480HSD			480	18.90	136	5.35	9.00	0.35		
TST-530HSD			530	20.87	156	6.14	9.00	0.35		
TST-580HSD			580	22.83	168	6.61	9.00	0.35		
TST-650HSD			650	25.59	195	7.68	9.00	0.35		
TST-750HSD			750	29.52	200	7.87	9.00	0.35		
TST-800HSD			800	31.50	230	9.06	9.00	0.35		
TST-850HSD			850	33.46	240	9.45	9.00	0.35		
TST-920HSD			920	36.22	278	10.95	9.00	0.35		
TST-1020HSD			1020	40.16	295	11.61	9.00	0.35		
TST-1168HSD			1168	45.98	340	13.39	9.00	0.35		
TST-1220HSD			1220	48.03	375	14.78	9.00	0.35		
TST-1530HSD			1530	60.23	450	17.72	9.00	0.35		

Colour Cable Ties



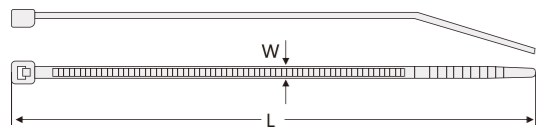
The Color cable ties are ties of different colors according to the color card numbers set by the customer. Color ties are used in the scene where pipes or cables of specific colors are fixed to maintain the consistency of the overall color, The Color cable ties available in bulk 1000 or 500 pieces bags or smaller 100 piece bags.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.

Not resistant to phenols.

Carbon black addiction gives a better UV resistance (only for Black Cabel Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs
TSF-100M	2.5	0.098	100	3.94	22	0.87	2.0	0.079	80	18
TSF-150I	3.6	0.142	150	5.91	35	1.38	3.0	0.118	180	42
TSF-200I			200	7.87	50	2.56	3.0	0.118		
TSF-250I			250	9.84	65	2.76	3.0	0.118		
TSF-300I			300	11.81	80	3.15	3.0	0.118		
TSF-370I			370	14.57	105	4.13	3.0	0.118		
TSF-200ST	4.8	0.189	200	7.87	50	1.97	3.5	0.138	222	50
TSF-250ST			250	9.84	65	2.76	3.5	0.138		
TSF-300ST			300	11.81	80	3.15	3.5	0.138		
TSF-400HD	7.6	0.299	400	15.75	105	4.13	8.0	0.315	560	130

94V-0 Grade Cable Ties



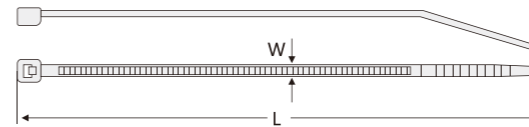
The 94V-0 Grade Cable Ties is added with a special flame retardant additive. This special cable tie is used in special scenes and can still maintain the function of fixing the pipeline under the condition of the fire source scene. The 94V-0 Grade Cable Ties available in bulk 1000 or 500 pieces bags or smaller 100 piece bags.

Material :	Polyamide 6.6(94V-0 Grade)
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.

Not resistant to phenols.

Carbon black addiction gives a better UV resistance (only for Black Cabel Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs
TSE-100M	2.5	0.098	100	3.94	22	0.87	2.0	0.079	80	18
TSE-150I	3.6	0.142	150	5.91	35	1.65	3.0	0.118	180	42
TSE-200I			200	7.87	50	2.56	3.0	0.118		
TSE-200ST			200	7.87	50	1.97	3.5	0.138		
TSE-300ST	4.8	0.189	300	11.81	70	3.15	3.5	0.138	222	50
TSE-370ST			370	14.57	98	3.86	3.5	0.138		
TSE-370HD	7.6	0.299	370	14.57	98	3.86	8.5	0.330	560	130

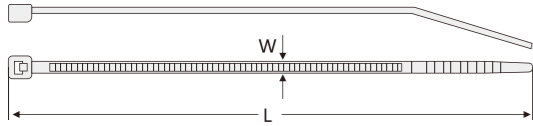
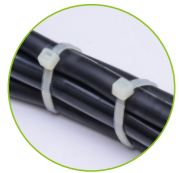
Heat Stabilized Cable Ties



When the actual operating environment is at a high temperature, it is recommended to use cable ties containing thermal stabilizers. Thermally stable cable ties can effectively function at temperatures as high as 130 °C, so that the tied or fixed objects remain stable. , Will not break or fall off. One-piece structure can achieve consistent performance and reliability. Cable Tie Express is equipped with thermally stable cable ties with a length of 100MM--370MM(4" -14.6"). The heat-stable cable tie comes in two packages: 1,000 pieces in bulk bags and 100 pieces or 50 pieces in small bags.

Material :	Polyamide 6.6 (Heat Stabilized)
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+130°C
Working Temperature :	-40°C ~+130°C
Max Sustaiaable Tempeature For Short Time:	+130°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Caba Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	lbs
TSB-100M	2.5	0.098	100	3.94	22	0.87	2.0	0.079	80	18
TSB-150I	3.6	0.142	150	5.91	35	1.65	3.0	0.118	180	42
TSB-200I			200	7.87	50	2.56	3.0	0.118		
TSB-200ST	4.8	0.189	200	7.87	50	1.97	3.5	0.138	222	50
TSB-300ST			300	11.81	70	3.15	3.5	0.138		
TSB-370ST			370	14.57	98	3.86	3.5	0.138		
TSB-370HD	7.6	0.299	370	14.57	98	3.86	8.5	0.330	560	130

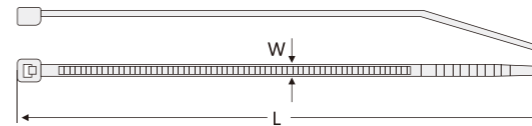
Anti Ultraviolet Cable Ties



When using cable ties in an external environment, it is recommended to use UV cable ties. PA66 with UV additives can effectively play a role in outdoor fixed pipe or cable applications. The UV cable tie is generally black. The integrated structure can effectively maintain performance and facilitate packaging. 1000 pieces of UV ties are packed in bulk bags, 100 pieces or 50 pieces are packed in small bags.

Material :	Polyamide 6.6 (UV resistance)
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
UV resistance (A variety of colors, black, milky white, silver gray, brown, dark green Cable Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	lbs
TSZ-100M	2.5	0.098	100	3.94	11	0.43	2.0	0.079	80	18
TSZ-150I	3.6	0.142	150	5.91	35	1.65	3.0	0.118	180	42
TSZ-200I			200	7.87	50	2.56	3.0	0.118		
TSZ-300I			300	11.81	80	3.94	3.0	0.118		
TSZ-200ST	4.8	0.189	200	7.87	50	1.97	3.5	0.138	222	50
TSZ-250ST			250	9.84	65	2.56	3.5	0.138		
TSZ-300ST			300	11.81	80	3.15	3.5	0.138		
TSZ-350ST			350	13.78	90	3.54	3.5	0.138		
TSZ-400ST	7.6	0.299	400	15.75	105	5.91	3.5	0.138	560	130
TSZ-300HD			300	11.81	80	3.15	8.0	0.315		
TSZ-370HD			370	14.57	98	3.86	8.0	0.315		
TSZ-400HD	400	15.75	105	4.13	8.0	0.315				

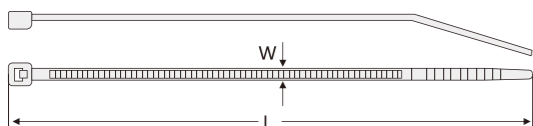
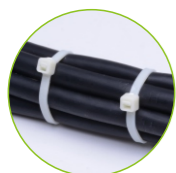
Low-temperature resistant Cable Ties



Low-temperature resistant cable ties are used in extreme low-temperature environmental conditions. The PA66 material with low temperature resistant additives is specially designed to solve the problem of low temperature (-20 °Cus to -40 °C) and low humidity applications. Under the working low-temperature environment, the cable tie can still maintain effective performance without breaking. And without falling off. Low-temperature resistant cable ties available in bulk 1000 or 500 pieces bags or smaller 100 piece bags.

Material :	Polyamide 6.6 (low temperature resistant)
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-20°C ~+85°C. (ECR series)
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cable Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs
TSC-100M	2.5	0.098	100	3.94	22	0.87	2.0	0.079	80	18
TSC-150I	3.6	0.142	150	5.91	35	1.65	3.0	0.118	180	42
TSC-200I			200	7.87	50	2.56	3.0	0.118		
TSC-200ST	4.8	0.189	200	7.87	50	1.97	3.5	0.138	222	50
TSC-300ST			300	11.81	70	3.15	3.5	0.138		
TSC-370ST			370	14.57	98	3.86	3.5	0.138		
TSC-370HD	7.6	0.299	370	14.57	98	3.86	8.5	0.330	560	130

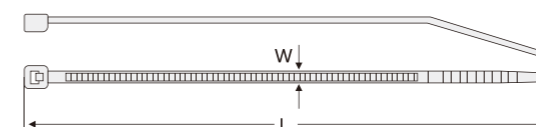
Metal Detectable Cable Ties



Metal Detectable cable ties are specifically designed for use in the food, beverage, and pharmaceutical processing industries. These cable ties are manufactured with metal impregnated material that allows for identification by metal detectors, x-ray inspections, and magnets. Ties are a teal color per common industry practices for easy visual detection. Metal Detectable cable ties available in bulk 1000 or 500 pieces bags or smaller 100 piece bags.

Material :	Polyamide 6.6 (metal impregnated material)
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cable Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs
TSY-100M	2.5	0.098	100	3.94	22	0.87	2.0	0.079	80	18
TSY-150I	3.6	0.142	150	5.91	35	1.65	3.0	0.118	180	42
TSY-200I			200	7.87	50	2.56	3.0	0.118		
TSY-200ST	4.8	0.189	200	7.87	50	1.97	3.5	0.138	222	50
TSY-300ST			300	11.81	70	3.15	3.5	0.138		
TSY-370ST			370	14.57	98	3.86	3.5	0.138		
TSY-370HD	7.6	0.299	370	14.57	98	3.86	8.5	0.330	560	130

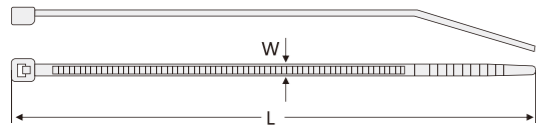
Teflon Cable Ties



ETFE is superior resistance to chemical attack. Continuous operating temperatures up to 150°C; one -piece construction for consistent performance and reliability. Internal serrations allowing for a positive hold, Teflon Cable Ties available in bulk smaller 100 piece bags.

Material :	ETFE
Material Brand :	Japan AGC
Flammability Of Raw Material :	UL 94 - V0
Humidity Absorption :	0%
Installation Temperature :	-30°C ~+150°C
Working Temperature :	-50°C ~+200°C
Max Sustaiaable Teperature For Short Time:	+260°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs
TSR-100M	2.4	0.09	100	3.94	20	0.81	3.0	0.120	80	18
TSR-150I	3.6	0.14	150	5.91	36	1.42	3.5	0.138	180	40
TSR-180I			180	7.09	45	1.77	3.5	0.138		
TSR-200I			200	7.87	50	1.95	3.5	0.138		
TSR-200ST	4.8	0.18	200	7.87	50	1.95	3.5	0.138	222	50
TSR-300ST			300	11.81	81	3.19	3.5	0.138		

PP Cable Ties

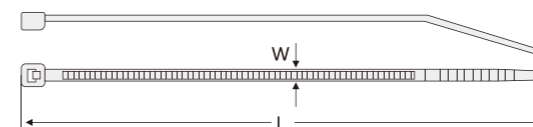


The main feature of PP cable ties is that it does not absorb water and can keep the tension constant for a long time. The color of the general product is bright orange. It is mainly used for fixing underwater cables. The bright orange is easy for electricians to identify, PP Cable Ties available in bulk 1000 or 500 pieces bags or smaller 100 piece bags.

Material :	Polypropylene (Can be float on the water)
Flammability Of Raw Material :	UL 94HB.
Working (Operation) Temperature:	-20°C- + 75°C (0°F- + 167°F) .

Excellent resistance to low temperature brittleness; Good stiffness ; High impact strength.

Resin meets the FDA requirements in the Code of Federal Regulations in 21 . CFR 177.1520 for food contact.



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs
TSK-100M	2.5	0.098	100	3.94	22	0.87	2.0	0.079	80	18
TSK-150I	3.6	0.142	150	5.91	35	1.65	3.0	0.118	180	42
TSK-200I			200	7.87	50	2.56	3.0	0.118		
TSK-200ST	4.8	0.189	200	7.87	50	1.97	3.5	0.138	222	50
TSK-300ST			300	11.81	70	3.15	3.5	0.138		
TSK-370ST			370	14.57	98	3.86	3.5	0.138		
TSK-370HD	7.6	0.299	370	14.57	98	3.86	8.5	0.330	560	130

Metal Pawl Cable Ties

W2.4, 3, 3.6, 3.8, 4.8, 6mm Type

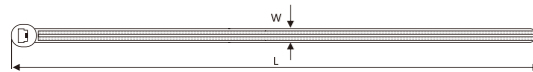


Metal Pawl cable ties have a non-magnetic stainless steel locking device in the head and a smooth body design that allows for the cable tie to be any size within the bundle diameter, Metal Pawl cable ties available in bulk 1000 or 500 pieces bags or smaller 100 piece bags.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Teperature For Short Time:	+110°C



Good resistance to bases, oils, greases, oil derivatives, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cable Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	lbs
TSL-2.4*102	2.4	0.094	102	4.02	23	0.91	2.0	0.079	80	18
TSL-2.4*201			201	7.91	51	2.01	2.0	0.079		
TSL-3*100	3	0.118	100	3.94	22	0.87	2.0	0.079	180	40
TSL-3.6*155	3.6	0.142	155	6.10	35	1.38	3.0	0.118		
TSL-3.6*284			284	11.18	80	3.15	3.0	0.118		
TSL-3.6*368			368	14.49	104	4.09	3.0	0.118		
TSL-3.8*200	3.8	0.150	200	7.84	50	1.97	3.0	0.118	220	50
TSL-4.8*186	4.8	0.189	186	7.32	45	1.77	3.5	0.138		
TSL-4.8*250			250	9.84	65	2.56	3.5	0.138		
TSL-4.8*295			295	11.61	79	3.11	3.5	0.138		
TSL-4.8*361			361	14.21	100	3.94	3.5	0.138		
TSL-4.8*376			376	14.80	107	4.21	3.5	0.138		
TSL-6*200			6	0.236	200	7.87	50	1.97	5.0	0.197

Metal Pawl Cable Ties

W7, 8, 10mm Type

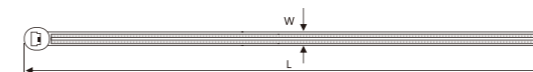


Metal Pawl cable ties have a non-magnetic stainless steel locking device in the head and a smooth body design that allows for the cable tie to be any size within the bundle diameter, Metal Pawl cable ties available in bulk 1000 or 500 pieces bags or smaller 100 piece bags.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Teperature For Short Time:	+110°C



Good resistance to bases, oils, greases, oil derivatives, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cable Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	lbs
TSL-7*221	7	0.276	221	8.70	51	2.01	6.0	0.236	550	112
TSL-7*300			300	11.81	80	3.15	6.0	0.236		
TSL-7*378			378	14.88	102	4.02	6.0	0.236		
TSL-7*460			460	18.11	127	5.00	6.0	0.236		
TSL-7*538			538	21.18	152	5.98	6.0	0.236		
TSL-7*699			699	27.52	203	7.99	6.0	0.236		
TSL-8*240	8	0.315	240	9.45	57	2.24	9.0	0.354	550	124
TSL-8*300			300	11.81	76	2.99	9.0	0.354		
TSL-8*550			350	13.78	92	3.62	9.0	0.354		
TSL-8*400			400	15.75	108	4.25	9.0	0.354		
TSL-10*300	10	0.394	300	11.81	77	3.03	14.0	0.551	550	124
TSL-10*350			350	13.78	97	3.82	14.0	0.551		
TSL-10*400			400	15.75	109	4.29	14.0	0.551		
TSL-10*450			450	17.72	124	4.88	14.0	0.551		

Marker Cable Ties

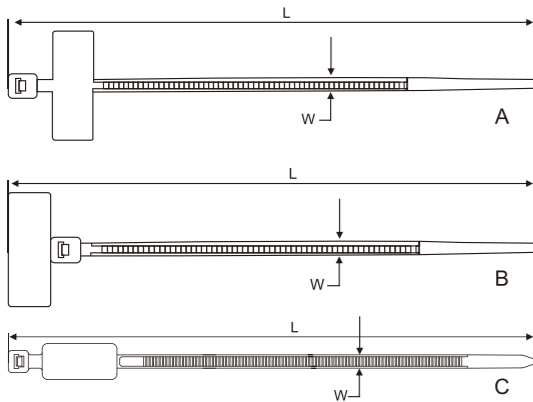
(Identification cable ties)



Identification cable ties are available in a wide variety of lengths and strengths. The one piece construction allows for consistent performance and reliability. Identification ties enable wire and cable bundles to be fastened and identified at the same time. The identification feature can be either Internal with the marking portion between the head and strap of the cable tie or External with the marking portion outside the head of the cable tie. The identification feature can be either horizontal or vertical to the strap of the tie. The identification feature marking area can be marked with a marker pen or hot stamped. Serial numbers, company logos, and sequential numbers can all be imprinted on the tie. The identification cable ties are offered in Natural and UV Black. Bulk packaging of 1000 pieces per bag and smaller packaged quantities of 100 per bag are available.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cable Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength		Marker Size
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs	mm
TSG-100A	2.5	0.098	100	3.94	22	0.87	3.0	0.12	80	18	25.4*8
TSG-110B			110	4.33	22	0.87	3.0	0.12	80	18	25.2*9.2
TSG-200A			200	7.87	53	2.09	3.0	0.12	80	18	25.4*8
TSG-210B			210	8.27	53	2.09	3.0	0.12	80	18	25.2*9.2
TSG-150B	3.6	0.142	150	5.91	36	1.42	3.5	0.14	180	42	24.3*14.5
TSG-200B			200	7.87	52	2.09	3.5	0.14	180	42	
TSG-200C	4.8	0.189	200	7.87	52	2.09	3.5	0.14	220	50	13*26.8
TSG-300C			300	11.81	84	3.31	3.5	0.14	220	50	
TSG-370C			370	14.57	106	4.17	3.5	0.14	220	50	

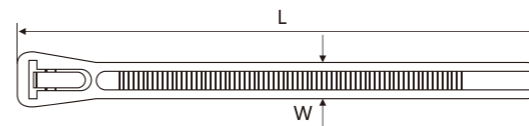
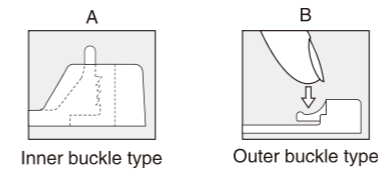
Releasable Cable Ties



Releasable cable ties offer the perfect solution for those applications requiring reuse or reinstallation of a cable tie. The one piece construction with a releasable feature designed as part of the head of the tie allows for consistent performance and reliability. Natural releasable cable ties are preferred for indoor use applications while UV Black is recommended for outdoor applications, providing greater resistance to ultraviolet light. Releasable cable ties are available in two different designs. One design has an extended pawl or locking mechanism in the head of the tie which can be released with a thumbnail force. The second design has a large horizontal tab feature which releases the tie with a push onto the tab. Releasable Tab Cable Ties are available in lengths from 150MM--400MM(6" – 15.8") and have a 22KG(50 lb) tensile strength. Releasable Tab cable ties are available in bulk 1000 or 500 pieces bags or smaller 100 piece bags.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cable Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs
TSN-200A	4.8	0.189	200	7.87	50	1.97	3.5	0.14	22	50
TSN-300A			300	11.81	80	3.15	3.5	0.14		
TSN-380A			380	14.96	106	4.20	3.5	0.14		
TSN-150B	7.6	0.299	150	5.91	35	1.38	10	0.39	22	50
TSN-200B			200	7.87	50	1.97	10	0.39		
TSN-250B			250	9.84	66	2.60	10	0.39		
TSN-300B			300	11.81	82	3.23	10	0.39		
TSN-350B			350	13.78	90	3.54	10	0.39		
TSN-370B			370	14.57	102	4.02	10	0.39		
TSN-400B			400	15.75	110	4.33	10	0.39		

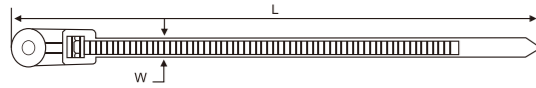
Mountable Head Cable Ties



Mounting hole cable ties are effective for use in a wide variety of cable and wire bundling applications that require that a wire or cable bundle be attached to another surface such as a control panel, wall, or ceiling. The one piece construction with a mounting hole feature outside the head of the tie allows for consistent performance and reliability. This design allows for use of a screw or rivet for clamping. The wire or cable bundle can be bundled before or after the clamp is in place. Mounting hole cable ties are recommended when position is critical or the application requires the product be premounted to a surface before final assembly. Natural mounting hole cable ties are preferred for indoor use applications while UV Black is recommended for outdoor applications, providing greater resistance to ultraviolet light. Mounting Hole cable ties are available in various lengths and strengths ranging from 100MM--380MM(4" -15"). Packaging of the Mounting Hole cable ties are in bulk 1000 piece bags or smaller 100 piece bags.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cabel Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength		Fastener
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs	
TSM-110I	3.6	0.142	110	4.33	19	0.75	3.0	0.120	180	42	M4
TSM-150I			150	5.91	35	1.40	3.5	0.138			
TSM-160ST	4.8	0.189	160	6.30	36	1.45	3.5	0.138	222	50	M5
TSM-220ST			220	8.66	40	1.96	3.5	0.138			
TSM-300ST			300	11.81	82	3.26	3.5	0.138			
TSM-350ST			350	13.78	95	3.74	3.5	0.138			
TSM-370ST			370	14.57	103	4.09	3.5	0.138			
TSM-300HD	7.6	0.299	300	11.81	82	3.26	8.5	0.330	540	120	M6
TSM-350HD			350	13.78	95	3.74	8.5	0.330			
TSM-380HD			380	14.96	105	4.13	8.5	0.330			

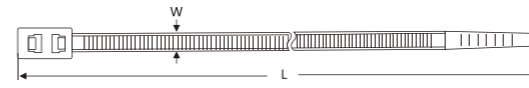
Double Head Cable Ties



The heads of the double-headed strap are designed as two independent structures with opposite teeth. The strap of the same strap can pass through the two heads in turn to form two independent and connected strapping methods, double-headed, integrated design, easy to operate. Double Head Cable Ties available in bulk 1000 or 500 pieces bags or smaller 100 piece bags.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cabel Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs
TSD-200ST	4.8	0.189	200	7.87	50	1.97	3.5	0.138	222	50
TSD-250ST			250	9.84	65	2.56	3.5	0.138		
TSD-300ST			300	11.81	80	3.15	3.5	0.138		
TSD-350ST			350	13.78	90	3.54	3.5	0.138		
TSD-370ST			370	14.57	98	3.86	3.5	0.138		

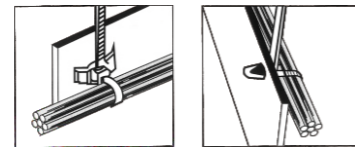
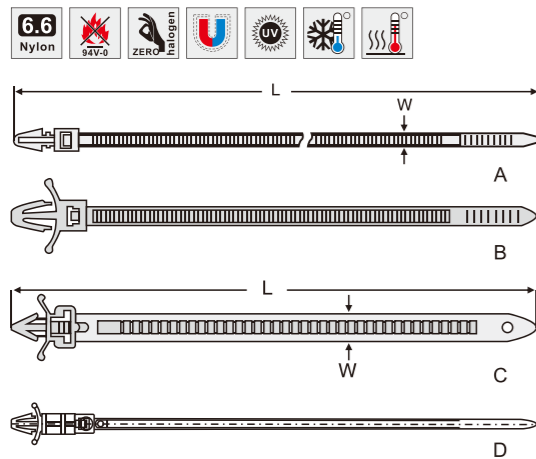
Push Mount Cable Ties



Push Mount cable ties are recommended when an application requires one step fastening. The push mount portion of the cable tie is found outside the head of the tie and is pushed into a predrilled hole and locks into place. Push Mount cable ties provide a constant tension and enable a stable and secure fixture. The one piece construction with a push mount feature outside the head of the tie allows for consistent performance and reliability. Natural mounting hole cable ties are preferred for indoor use applications while UV Black is recommended for outdoor applications, providing greater resistance to ultraviolet light. Packaging of both styles of the Push Mount cable ties is in bulk 1000 or 500 piece bags or smaller 100 piece bags.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cabel Ties).



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength		Hole Dia.
	mm	inch	mm	inch	mm	inch	mm	inch	N	lbs	mm
TSP-100M(B)	2.5	0.098	100	3.93	20	0.79	3.0	0.12	8	18	4.8(0.189")
TSP-120(B)	3.6	0.142	120	4.72	24	0.95	3.0	0.12	18	40	4.0(0.157")
TSP-150(B)			150	5.91	36	1.42	3.5	0.14			5.4(0.212")
TSP-155(A)			155	6.10	38	1.49	3.5	0.14			5.4(0.212")
TSP-169(D)			169	6.65	36	1.42	3.5	0.14			5.4(0.212")
TSP-100ST(B)	4.8	0.189	100	3.93	20	0.79	3.0	0.12	22	50	8.7(0.343")
TSP-130ST(B)			130	5.12	30	1.18	3.0	0.12			8.7(0.343")
TSP-160ST(B)			160	6.30	39	1.54	3.5	0.14			6.4(0.252")
TSP-190ST(B)			190	7.48	46	1.81	3.5	0.14			6.4(0.252")
TSP-200ST(A)			200	7.87	50	2.00	3.5	0.14			7.0(0.275")
TSP-150HD(C)	7.6	0.299	150	5.91	36	1.42	3.5	0.14	50	110	6.4(0.252")

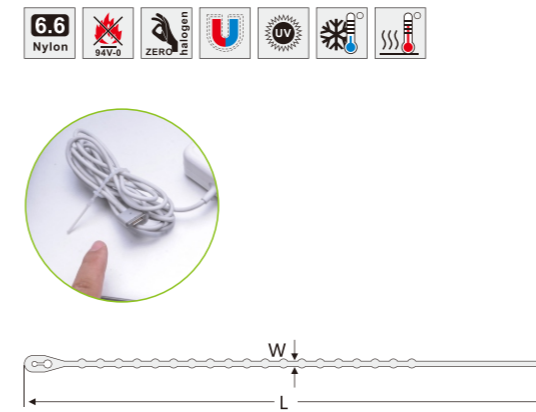
Beaded Lock Cable Ties



Beaded cable ties are inexpensive releasable ties that are easy to install and reuse. The beaded ties are not ties for cinching and there is no tool required. The beads lock and release through keyhole slots and are effective for bundling and reinstallation of wires and cables. Natural ties are preferred for indoor use applications while UV Black is recommended for outdoor applications, providing greater resistance to ultraviolet light. Zhejiang tolerance stocks the Beaded ties in a variety of lengths from 120MM, 150MM, 180MM (5", 6", 7") and strengths. Bulk packaging of 1000 ties per bag and smaller packaged quantities are available.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tempeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cabel Ties).



Item No.	Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	N	lbs
TSS-120	120	4.72	25	0.98	3.5	0.14	80	18
TSS-150	150	5.91	35	1.38	3.5	0.14		
TSS-180	180	7.09	45	1.77	3.5	0.14		

Double Locking Cable Ties

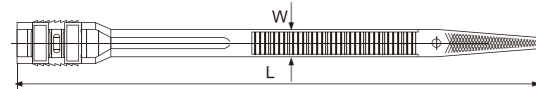


Double Locking Cable Ties Outside serrated function is designed to provide consistent strength in high-vibration environments, minimize abrasion on sensitive wires, cables and hoses. The gripping teeth face out instead of inside., Double Locking Cable Ties available in bulk 1000 or 500 pieces bags or smaller 100 piece bags.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Teperature For Short Time:	+110°C



Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cabel Ties)



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	ibs
TSJ-180D	6.0	0.236	180	7.09	40	1.57	20	0.79	350	77
TSJ-180DL	9.0	0.354	180	7.09	40	1.57	20	0.79	500	110
TSJ-260DL			260	10.24	62	2.44	20	0.79		
TSJ-300DL			300	11.81	80	3.14	20	0.79		
TSJ-350DL			350	13.78	93	3.66	20	0.79		
TSJ-510DL			510	20.08	140	6.61	20	0.79		
TSJ-760DL			760	29.92	220	8.66	20	0.79		

Naughty Castle Cable Ties

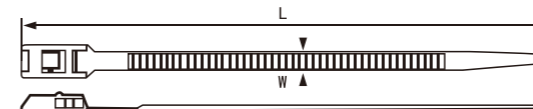


The naughty castle cable ties is used to fix the sponge sheath in the naughty castle children' s playground project. The design with the tooth surface of the body facing outward prevents the sponge skin from being scratched by the tooth surface of the cable ties. The flat head design prevents children from playing Sometimes I was bumped and injured; the choice of multiple colors is for the different color combinations of different naughty castles to ensure the color consistency of the naughty castle children's playground, Naughty Castle Cable Ties available in smaller 100 piece bags.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Teperature For Short Time:	+110°C



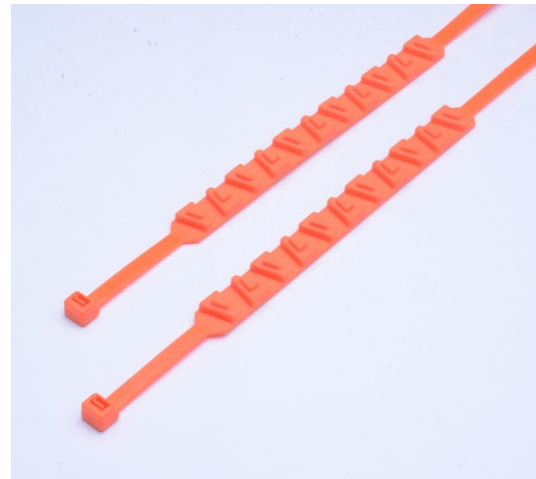
Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids. Not resistant to phenols.



Item No.	Width		Length		Max.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	Kgs	ibs
TSH-350RT	8.0	0.315	350	13.78	90	2.36	22	50
TSH-400RT	8.0	0.315	400	14.75	105	4.13	22	50
TSH-450RT	8.0	0.315	450	17.72	118	4.65	22	50
TSH-450RV	9.0	0.354	450	17.72	118	4.65	30	65
TSH-500RV	9.0	0.354	500	19.69	150	5.91	30	65



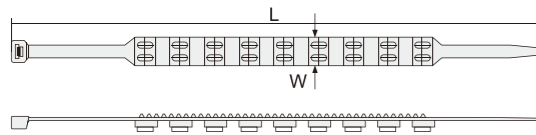
Tire Anti-skid Cable Ties



Tire anti-skid Cable Ties are a set of solutions for tires that are prone to slipping on icy roads when the road is icy due to rain and snow in winter; the surface of the cable ties is designed with multiple anti-skid studs to facilitate Cars have better grip on icy roads. This solution uses a new wear-resistant and cold-resistant PA66 material to ensure that the Tire anti-skid Cable Ties are not easy to break when the car is driving. Friendly reminder:It is not suitable to go out in icy and snowy weather; resting at home and enjoying happiness is the best choice., Tire anti-skid Cable Ties available in smaller 20 piece bags.

Material :	Polyamide 6.6 (low temperature resistant)
Material Brand :	Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Teperature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates,chloride solvents. Limited resistance to acids.
Not resistant to phenols.



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	lbs
TSA-950T	20	0.787	950	37.40	251	9.88	20	0.79	800	175



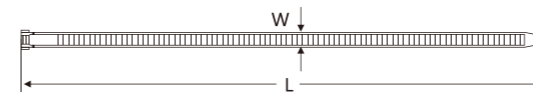
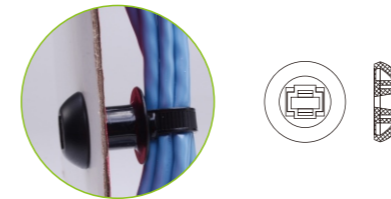
Chassis cable ties



Chassis cable ties is a special cable tie designed for the installation of automobile chassis wiring harness. The head and the belt body are separated structures; there are spare isolation accessories to facilitate the use of special parts of the wiring harness; the chassis cable ties is widely used in the automobile chassis wiring harness In the assembly process, Chassis cable ties available in bulk 1000 or 500 pieces bags or smaller 100 piece bags.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Teperature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates,chloride solvents. Limited resistance to acids.
Not resistant to phenols.



Item No.	Width		Length		Max.Bundle Dia.		Min.Bundle Dia.		Min.Tensile Strength	
	mm	inch	mm	inch	mm	inch	mm	inch	N	lbs
TSX-250CT	7.5	0.295	250	9.84	60	2.36	8.5	0.33	500	110
TSX-280CT			280	11.02	65	2.56	8.5	0.33	500	110

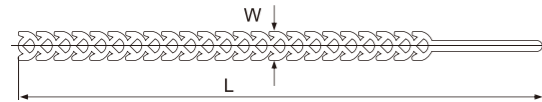
PU Cable Ties



For fastening and harnessing cables and wires

Material :	PU
Color :	white, black, green
Operating Temperature:	-20°C ~+50°C
Installation Temperature :	0°C ~+50°C

The screed design is reusable
Quick and easy installation without the use of special tools



Item NO.	L (mm)	W (mm)	Max, Bundle Dia.E(mm)	Min.loop Tensile Strength	
				LBS	KGS
TSO-300PT	300	10	80	219	100

Double Loop Mounting Cable ties



The design of the Double Loop Mounting cable ties is like the connection of two cable ties, which can bind or fix two sets of pipes or cables at the same time. There is a fixing screw hole in the middle of the head. The cable tie can be fixed on the mounting hole according to the needs of the design drawings., Double Loop Mounting cable ties available in smaller 100 piece bags.

Material :	Polyamide 6.6(94V-0 Grade)
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C

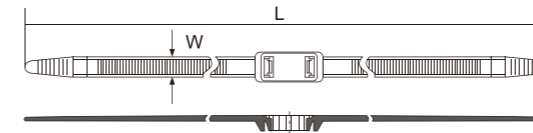
Max Sustaiaable Tempeature For Short Time: +110°C

Good resistance to bases, oils, greases, oil derivates,chloride solvents.

Limited resistance to acids.

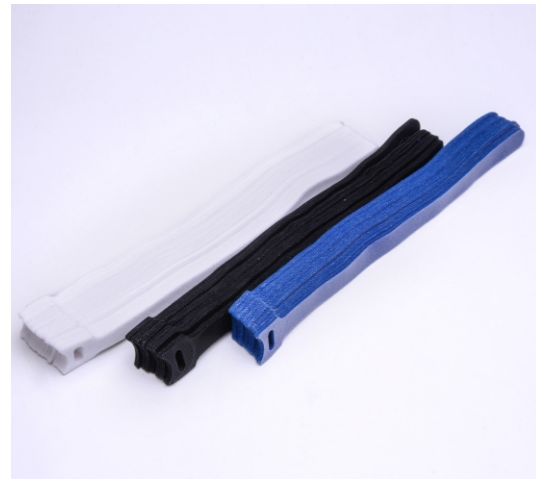
Not resistant to phenols.

Carbon black addition gives a better UV resistance (only for Black Cabel Ties)



Item NO.	L (mm)	W (mm)	Max, Bundle Dia.E(mm)	Min.loop Tensile Strength	
				LBS	KGS
TSQ-500HSD	500	12.0	50(1.97")	250	114
TSQ-700HSD	700	12.0	80(3.15")	250	114
TSQ-900HSD	900	13.0	100(3.94")	250	114

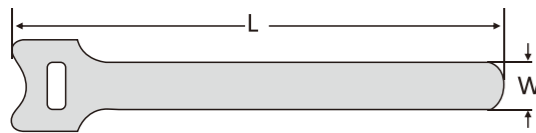
Velcro Cable Ties



Automobile Cable Ties is a big concept name. There are nearly 100 designs. Different car types use different car ties. Our company can provide the types of car ties in the catalog. Customers are also welcome to design and produce them. Automobile Cable Ties available in bulk 1000 or 500 pieces bags or smaller 100 piece bags.

MATERIAL: Female side is made of PP, male side is made of Nylon.
Application: Resusable; suitable for bundling LAN cable(UTP/STP/Fiber), signal line, power line, avoiding the transmission rate effected by nylon cable tie of tightening too much.

Item No.	Width		Length		Color
	mm	inch	mm	inch	
TGT-125VT	12	0.472	125	4.29	<ul style="list-style-type: none"> ● Black ○ White ● Red ● Yellow ● Blue ● Green
TGT-135VT	12	0.472	135	5.13	
TGT-150VT	12	0.472	150	5.90	
TGT-180VT	12	0.472	180	7.09	
TGT-210VT	16	0.630	210	8.27	
TGT-250VT	16	0.630	250	9.84	
TGT-310VT	16	0.630	310	12.20	
TGT-400VT	16	0.630	400	15.75	
TGT-500VT	16	0.630	500	19.69	



TGT



Customized Cable Ties



The company has 3 professional mold drawing designers, and has a very complete mold production process and equipment, and is open to customers with different needs around the world. Welcome to sample drawing and production.

Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustainable Temperature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivatives, chloride solvents. Limited resistance to acids.
Not resistant to phenols.
Carbon black addition gives a better UV resistance (only for Black Cable Ties)

Nylon Cable Ties System

Instructions For Use

Nylon products

Nylon is hygroscopic, it will absorb moisture, and lose the moisture too. To ensure optimum performance, the material must maintain a 2.5% water. **TOLERANCE**® packaging may keep the moisture. In order to keep the quality, it's better to remain the original packaging for inventories. If stored improperly especially in dry or cold environment, it will lose water from cable ties, and impact the use of cable ties. Once the package is opened; please use out the cable ties as soon as possible.

Here are our suggestion for the cable tie store:

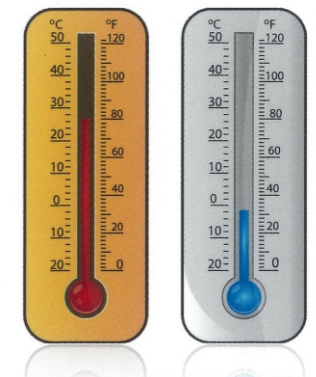
Do not expose or place the cable ties in direct sunlight environment;



do not expose or placed the cable tie near direct heat:



the ideal temperature to store the cable tie:



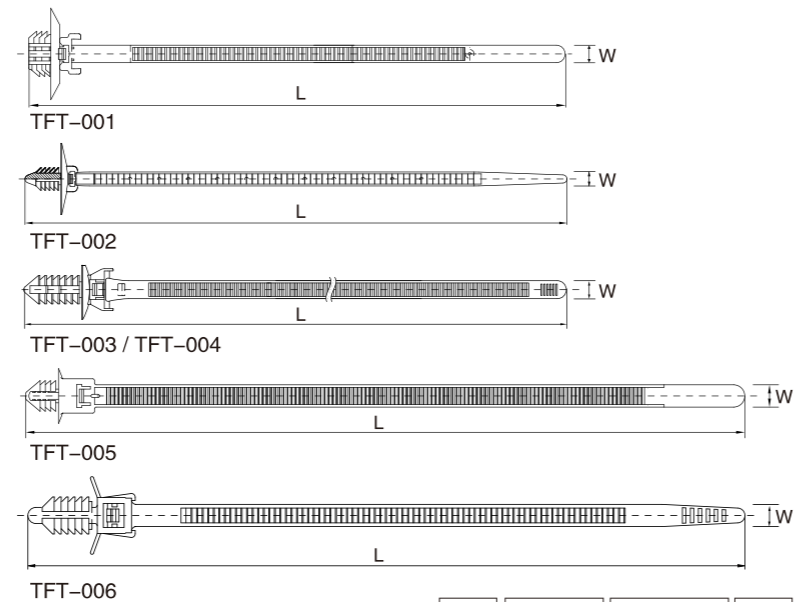
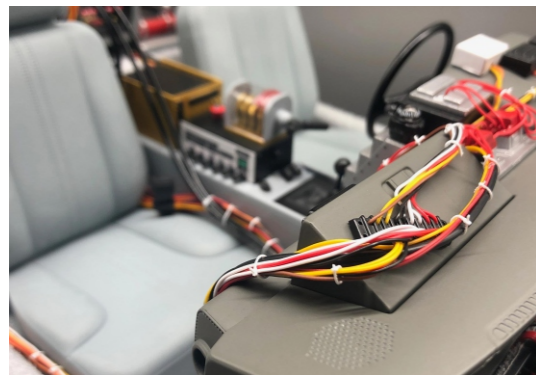
Automobile Cable Ties



The Velcro cable tie is a pasting design, with a variety of length options, and a full roll design, which can be cut and used according to the customer's own needs, which is flexible, convenient and beautiful., The Velcro cable ties in smaller 10 piece bags.

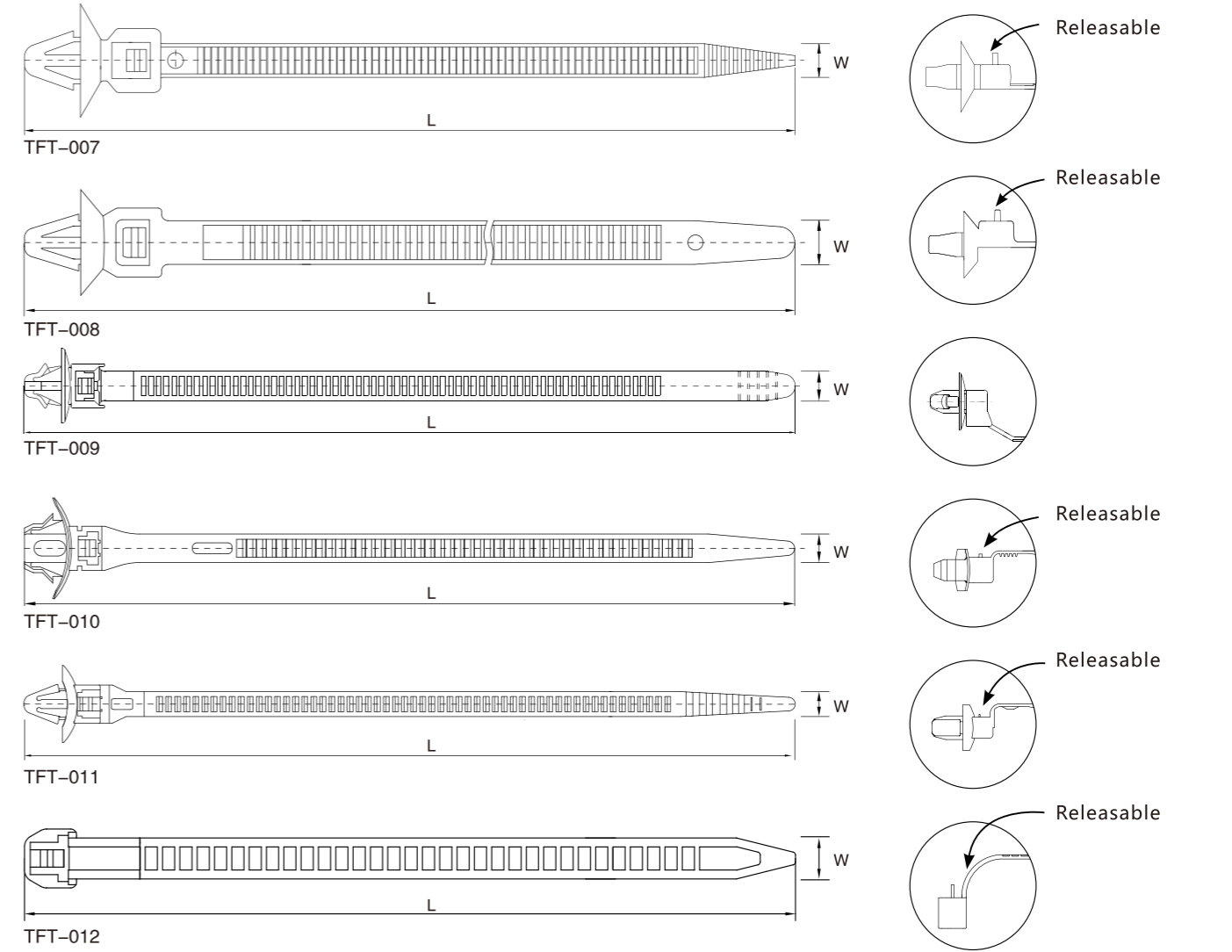
Material :	Polyamide 6.6
Material Brand :	China Huafeng158L;Radici A45L;Invista 4820L
Flammability Of Raw Material :	UL 94 - V2
Humidity Absorption :	2,7%-2,8% (23°C -50% R.H.)
Installation Temperature :	-10°C ~+85°C
Working Temperature :	-40°C ~+85°C
Max Sustaiaable Tepeature For Short Time:	+110°C

Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids.
Not resistant to phenols.



Item No.	Length		Width		Max.Bundle ϕ		Min.Loop Tensile Strength			Mounting Hole ϕ mm(inch)	Panel Thickness mm(inch)
	mm	inch	mm	inch	mm	inch	N	Kgf	lbf		
TFT-001	153	6.02	5.0	0.20	36	1.42	178	18.2	40	ϕ 7.0x13.0 (0.28x0.51)	0.8~1.5 (0.32x0.06)
TFT-002	186	7.32	4.8	0.19	42	1.65	133	13.6	30	ϕ 7.0(0.30)	1.0~2.5 (0.04x0.10)
TFT-003	210	8.25	4.8	0.19	50	1.97	218	22.2	49	ϕ 7.0x7.8 (0.29x0.31)	6.0~8.0 (0.24x0.32)
TFT-004	113	4.44	4.8	0.19	25	0.98	218	22.2	49	ϕ 7.0x7.8 (0.29x0.31)	6.0~8.0 (0.24x0.32)
TFT-005	210	8.25	6.5	0.26	50	1.97	218	22.2	49	ϕ 9.0(0.35)	1.0~2.8 (0.04x0.11)
TFT-006	115	6.10	4.8	0.19	35	1.38	133	13.6	30	ϕ 7.5x8.0 (0.30x0.32)	8.0~1.6 (0.03x0.06)

Automobile Cable Ties



Item No.	Length		Width		Max.Bundle ϕ		Min.Loop Tensile Strength			Mounting Hole ϕ mm(inch)	Panel Thickness mm(inch)
	mm	inch	mm	inch	mm	inch	N	Kgf	lbf		
TFT-007	110	4.33	4.8	0.19	22	0.87	133	13.6	30	ϕ 5.7(0.22)	1.0~3.0 (0.04x0.12)
TFT-008	154	6.06	6.6	0.26	35	1.38	178	18.2	40	ϕ 5.8(0.23)	1.0~3.0 (0.04x0.12)
TFT-009	165	6.50	6.4	0.25	35	1.38	392	40.0	80	ϕ 6.5(0.26)	1.0~3.0 (0.04x0.12)
TFT-010	174	6.86	6.5	0.26	43	1.69	147	15.0	33	ϕ 12.7(0.50)	1.0~2.5 (0.04x0.10)
TFT-011	170	6.69	5.5	0.22	40	1.57	178	18.2	40	ϕ 6.5(0.26)	1.0~2.8 (0.04x0.11)
TFT-012	134	5.26	7.1	0.28	33	1.30	392	40.0	88		

Wiring Accessories Cable Ties



Great for home,garden,auto and Supermarket promotion use.
"OEM" is acceptable.
All the value pack are available as requested.



Item No.	Size(mm)	Q" ty/Box	Color
TSA-150	2.5 x 100	50PCS	Red
		50PCS	Yellow
	3.6 x 200	50PCS	Blue
TSA-200	2.5 x 100	50PCS	Green
		50PCS	Natural
	2.5 x 150	50PCS	Blue
		50PCS	Natural
TSA-250	2.5 x 100	50PCS	Red
		50PCS	Yellow
		50PCS	Black
		50PCS	Blue
		50PCS	Green



Item No.	Size(mm)	Q" ty/Box	Color
TSS-300	2.5 x 100	25PCS	Red
		25PCS	Yellow
		25PCS	Black
		25PCS	Green
		50PCS	White
	3.5 x 200	50PCS	Red
		50PCS	Blue
		50PCS	Natural
		50PCS	Natural
TSS-400	2.5 x 100	200PCS	Natural
		100PCS	Black
	3.5 x 200	50PCS	Natural
		50PCS	Black
TSS-500	2.5 x 100	100PCS	Red
		100PCS	Black
		100PCS	Green
		100PCS	Blue
		100PCS	Yellow



Wiring Accessories Cable Ties



Great for home,garden,auto and Supermarket promotion use.
"OEM" is acceptable.
All the value pack are available as requested.



Item No.	Size(mm)	Q" ty/Box	Color
TSM-401	2.5x100	200PCS	Natural
	2.5x150	100PCS	Natural
	3.6x200	100PCS	Natural
	TG-100TIE GUN	1PCS	Blue
TSM-500	2.5x100	200PCS	Natural
	3.6x150	200PCS	Natural
	4.8x200	100PCS	Natural
TSM-550	2.5x100	100PCS	Red
		100PCS	Yellow
		100PCS	Green
		100PCS	Blue
	2.5x150	100PCS	Natural
		50PCS	Natural
TSM-650	2.5x100	300PCS	Yellow
		300PCS	Orange
	3.6x200	50PCS	Natural



Item No.	Size(mm)	Q" ty/Box	Color
TSL-500	2.5x100	200PCS	Natural
	2.5x150	200PCS	Natural
	3.6x200	100PCS	Natural
TSL-501	2.5x100	50PCS	Red
		50PCS	Yellow
		50PCS	Blue
		50PCS	Green
	2.5x150	100PCS	Natural
		100PCS	Black
		100PCS	Natural
	TG-100TIE GUN	1PCS	Blue
TSL-650	2.5x100	200PCS	Yellow
		200PCS	Orange
	2.5x150	100PCS	Yellow
		100PCS	Orange
	3.6x200	50PCS	Natural



Wiring Accessories Cable Ties



Great for home,garden,auto and Supermarket promotion use.
"OEM" is acceptable.
All the value pack are available as requested.



Item No.	Size(mm)	Q" ty/Box	Color	
TSB-450	2.5 x 100	200PCS	Natural	
	3.5 x 150	100PCS	Natural	
	3.6 x 200	100PCS	Natural	
	4.8 x 300	50PCS	Natural	
TSB-650	2.5 x 100	50PCS	Blue	
		50PCS	Red	
		50PCS	Yellow	
		50PCS	Black	
		100PCS	Natural	
	4.8 x 200	100PCS	Black	
		200PCS	Natural	
4.8 x 280	50PCS	Natural		
TSB-850	2.5 x 100	100PCS	Blue	
		100PCS	Red	
		100PCS	Yellow	
		100PCS	Green	
		100PCS	Natural	
	3.6 x 200	200PCS	Black	
		100PCS	Natural	
		50PCS	Natural	
	TSB-1000	2.5 x 100	100PCS	Blue
			100PCS	Red
100PCS			Yellow	
100PCS			Natural	
3.6 x 150		100PCS	Blue	
		100PCS	Green	
		100PCS	Natural	
3.6 x 200		200PCS	Natural	
	100PCS	Natural		
TSB-1200	2.5 x 100	100PCS	Blue	
		100PCS	Red	
		100PCS	Yellow	
		100PCS	Green	
		100PCS	Orange	
		200PCS	Natural	
	2.5 x 200	400PCS	Natural	
	3.6 x 300	100PCS	Natural	
TSB-1500	2.5 x 100	100PCS	Blue	
		100PCS	Red	
		100PCS	Yellow	
		100PCS	Green	
		100PCS	Orange	
		200PCS	Natural	
		100PCS	Natural	
	2.5 x 150	100PCS	Black	
		100PCS	Black	
		400PCS	Natural	
3.6 x 280	200PCS	Natural		



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Item No.	Size(mm)	Q" ty/Box	Color
TK80A	2.5x100	30PCS	Red
	2.5x150	20PCS	Yellow
	3.6x200	20PCS	Green
	3.6x250	10PCS	White

Item No.	Size(mm)	Q" ty/Box	Color
TK30A	3.6x200	10PCS	Green
	3.6x200	10PCS	Oange
	3.6x200	10PCS	Purple

Item No.	Size(mm)	Q" ty/Box	Color
TK70A	2.5x100	30PCS	Black
	3.6x150	20PCS	Black
	3.6x200	20PCS	Black



Wiring Accessories Cable Ties



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Item No.	Size(mm)	Q" ty/Box	Color
TK70B	2.5×100	30PCS	White
	3.6×150	20PCS	White
	3.6×200	20PCS	White



Item No.	Size(mm)	Q" ty/Box	Color
TK70C	2.5×100	30PCS	Red
	3.6×150	20PCS	Green
	3.6×200	20PCS	Yellow



Item No.	Size(mm)	Q" ty/Box	Color
TKC70A	2.5×100	30PCS	Black
	2.5×150	20PCS	Black
	3.6×200	20PCS	Black



Wiring Accessories Cable Ties



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Item No.	Size(mm)	Q" ty/Box	Color
TKD70A	2.5×100	30PCS	White
	2.5×150	20PCS	White
	2.5×200	20PCS	White



Item No.	Size(mm)	Q" ty/Box	Color
TKE80A	2.5×200	20PCS	Red
	2.5×200	20PCS	Green
	2.5×200	20PCS	Yellow
	2.5×200	20PCS	Blue



Item No.	Size(mm)	Q" ty/Box	Color
TKF90A	2.5×100	30PCS	Bluk
	2.5×150	30PCS	Green
	2.5×200	30PCS	White

