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CABLE TIES SELECTION GUIDE

» *Always for your safety*

ZHEJIANG ETEK
ELECTRICAL TECHNOLOGY CO.,LTD.

Always for your safety



RoHS

COMPANY INTRODUCTION

Zhejiang ETEK Electrical Technology Co., Ltd. (Abbreviation: ETEK Electric) is a professional manufacturing company dedicated to the research, development, production, and sales of low-voltage electrical appliances. The company was established in 2011 and is located in Wenzhou City, Zhejiang Province. At present, the company has 40K sqm of modern manufacturing bases in Wenzhou and Wuhu with over 500 employees, including over 50 R&D and technical personnel. ETEK Electric has multiple production workshops for mold design, parts manufacturing, welding, and assembly. Additionally, they have multiple automated production lines for MCB and RCCB. Our products include MCB, RCCB, RCBO, AFDD, MCCB, ACB, EV Chargers, Photovoltaic DC products, etc., which can meet the needs of different countries and are widely used in fields such as residential, commercial, and industrial.

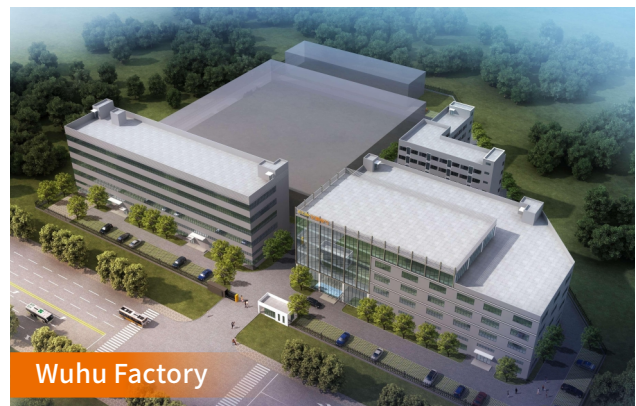
ETEK Electric has passed ISO9001 quality management system and environmental management system certification. The company have built our own low-voltage electrical testing center, and most of the testing items can meet the requirements of international IEC standards, in addition, our products have obtained international CB, TUV, VDE, CE, RoHS and other quality certificates.

ETEK Electric constantly masters and breaks through the core technology of circuit breakers, with more than 100 national patents. Focusing on independent brand construction is crucial for the company's development. The "ETEK" trademark is registered in over 80 countries. Products are exported to over 60 countries and regions including the European Union, South America, the Middle East, Africa, and Southeast Asia.

We also support OEM, ODM, OBM, SKD, CKD and other business cooperation models, and provide customers with a full range of services covering market cultivation, technical training, and factory construction.

ETEK Electric has been adhering to the business policy of "Growth", "Quality", "Efficiency", and "Innovation". In 2023, ETEK Electric has formulated the fifth 3-year strategic plan, which specifies the three major initiatives of expanding the production scale, enhancing the new energy market share, and expanding the independent brand, to realize the annual revenue target of \$50 million by 2026.

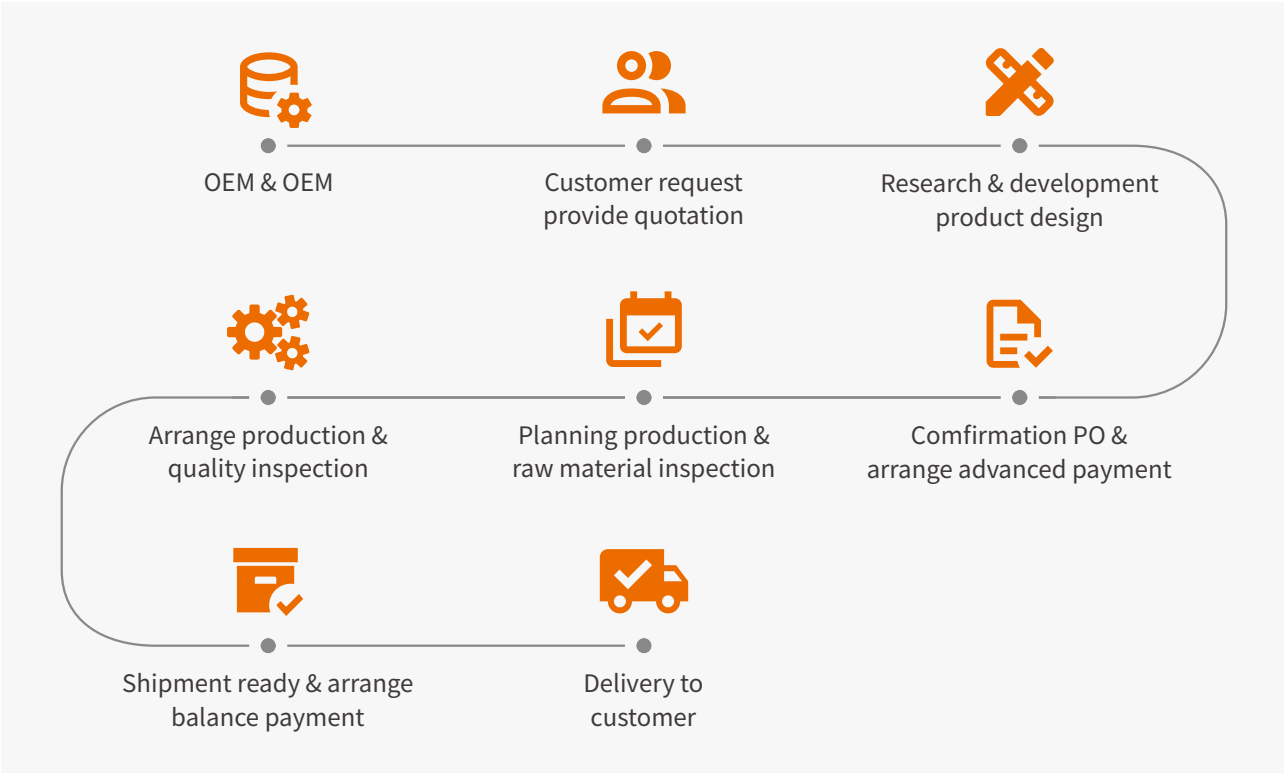
Looking forward to the future, ETEK Electric will be committed to becoming a globally renowned manufacturer in the power distribution and electrical industry, safeguarding the power safety of global customers, and helping the development of green and digital energy.

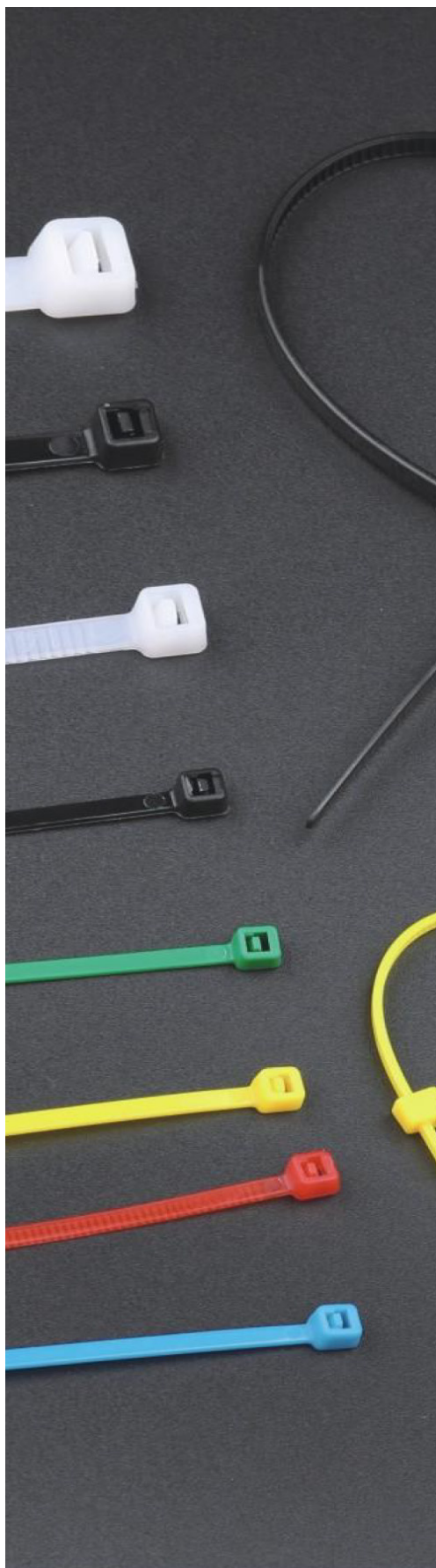


WORKSHOPS



OEM & ODM BUSINESS





Overview

- Material: Nylon 66, 94V-2 certificated by UL. Heat-resising, Acid erosion control, insulate well and not apt to age.
- Operating temperature: -35c to 85C.
- Color: Natural (or white, standard color), UV black and other colors are available as requested.

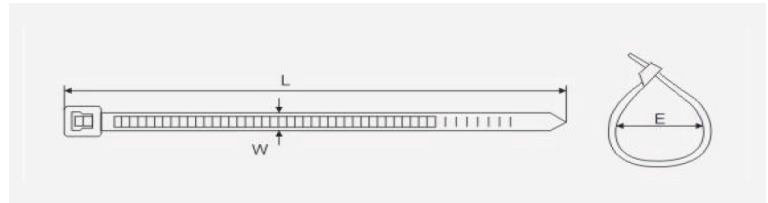
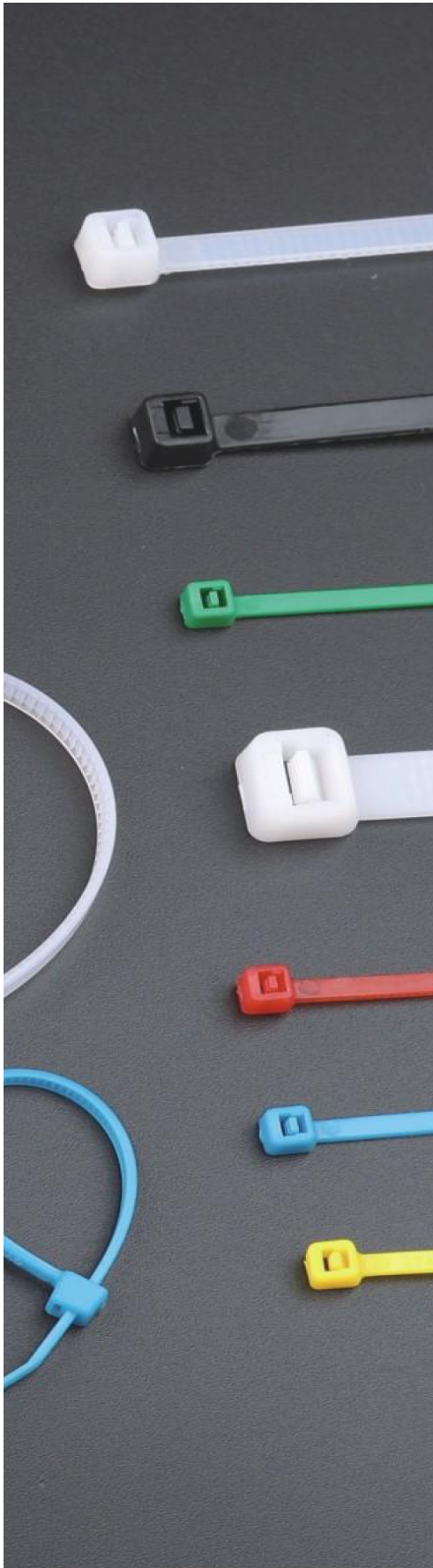
W=White&natural BR=Brown OR=Orange
 GN=Green PP=Purple B=Black
 RD=Red YL=Yellow BL=Blue
 GY=Gray

Self-Locking Nylon Cable Ties

ITEM.NO.	L(mm)		W(mm)	Bundle Diameter E(mm)	Min.loop Tensile Strength	
	INCH	MM			LBS	KGS
EK-3 x 60	2 3/8"	60	2.5	2-11	18	8
EK-3 x 80	3 3/16"	80	2.5	2-16	18	8
EK-3 x 90	3 5/8"	90	2.5	2-18	18	8
EK-3 x 100	4"	100	2.5	2-22	18	8
EK-3 x 120	4 3/4"	120	2.5	2-30	18	8
EK-3 x 140	5 1/2"	140	2.5	2-33	18	8
EK-3 x 150	6"	150	2.5	2-35	18	8
EK-3 x 160	6 1/4"	160	2.5	2-40	18	8
EK-3 x 200	8"	200	2.5	3-50	18	8
EK-4 x 100	4"	100	3.5	3-22	40	18
EK-4 x 120	4 3/4"	120	3.5	3-30	40	18
EK-4 x 140	5 1/2"	140	3.5	3-33	40	18
EK-4 x 150	6"	150	3.5	3-35	40	18
EK-4 x 180	7"	180	3.5	3-42	40	18
EK-4 x 200	8"	200	3.5	3-50	40	18
EK-4 x 220	8 5/8"	220	3.5	3-58	40	18
EK-4 x 250	10"	250	3.5	3-65	40	18
EK-4 x 280	11"	280	3.5	3-70	40	18
EK-4 x 300	11 5/8"	300	3.5	3-80	40	18
EK-4 x 370	14 1/2"	370	3.5	3-102	40	18
EK-5 x 120	4 3/4"	120	4.7	3-24	50	22
EK-5 x 180	7"	180	4.7	3-42	50	22
EK-5 x 190	7 1/2"	190	4.7	3-46	50	22
EK-5 x 200	8"	200	4.7	3-50	50	22
EK-5 x 250	10"	250	4.7	3-65	50	22
EK-5 x 280	11"	280	4.7	3-70	50	22
EK-5 x 300	11 8/5"	300	4.7	3-82	50	22
EK-5 x 350	13 3/4"	350	4.7	3-90	50	22

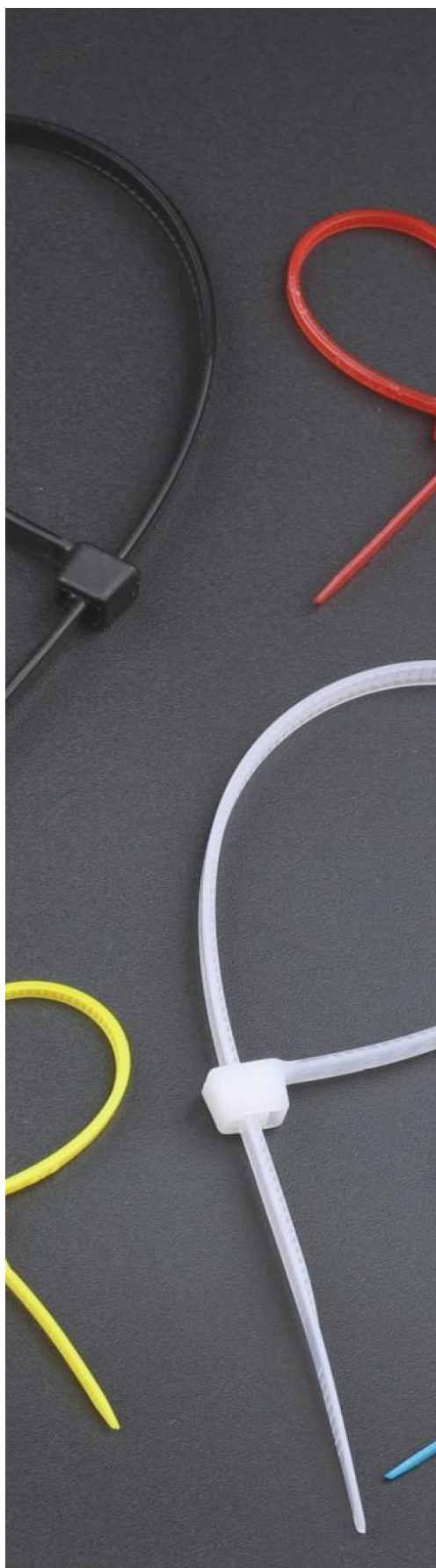
EK Series

Self-Locking Nylon Cable Ties



Self-Locking Nylon Cable Ties

ITEM.NO.	L(mm)		W(mm)	Bundle Diameter E(mm)	Min.loop Tensile Strength	
	INCH	MM			LBS	KGS
EK-5 x 380	15"	380	4.7	3-102	50	22
EK-5 x 400	15 3/4"	400	4.7	3-105	50	22
EK-5 x 430	17"	430	4.7	3-110	50	22
EK-5 x 450	17 3/4"	450	4.7	3-130	50	22
EK-5 x 500	19 11/16"	500	4.7	3-150	50	22
EK-8 x 150	6"	150	6.8	3-33	85	38
EK-8 x 180	7"	180	6.8	3-42	85	38
EK-8 x 200	8"	200	6.8	3-50	85	38
EK-8 x 250	10"	250	7.5	4-63	120	55
EK-8 x 300	11 5/8"	300	7.5	4-82	120	55
EK-8 x 350	13 3/4"	350	7.5	4-90	120	55
EK-8 x 370	14 1/4"	370	7.5	4-98	120	55
EK-8 x 400	15 3/4"	400	7.5	4-105	120	55
EK-8 x 450	17 3/4"	450	7.5	4-118	120	55
EK-8 x 500	19 11/16"	500	7.5	4-150	120	55
EK-8 x 550	21 1/16"	550	7.5	4-160	120	55
EK-8 x 600	23 5/8"	600	7.5	4-170	120	55
EK-8 x 750	29 9/16"	750	7.5	4-220	120	55
EK-9 x 450	17 3/4"	450	9.0	4-118	175	80
EK-9 x 530	20 3/4"	530	9.0	8-155	175	80
EK-9 x 550	21 1/16"	550	9.0	8-160	175	80
EK-9 x 650	25 9/16"	650	9.0	8-190	175	80
EK-9 x 700	27 1/2"	700	9.0	10-205	175	80
EK-9 x 760	30"	760	9.0	10-225	175	80
EK-9 x 920	36 1/4"	920	9.0	10-265	175	80
EK-9 x 1020	40 1/6"	1020	9.0	10-295	175	80
EK-9 x 1150	45 1/4"	1150	9.0	10-310	175	80
EK-9 x 1220	48"	1210	9.0	10-340	175	80
EK-9 x 1350	53"	1350	9.0	10-380	175	80
EK-10 x 450	17 3/4"	450	10.0	10-125	200	91
EK-10 x 500	19 11/16"	500	10.0	12-150	200	91
EK-12 x 300	11 5/8"	300	12.7	12-82	250	114
EK-12 x 400	15 3/4"	400	12.7	12-105	250	114
EK-12 x 540	21 1/4"	540	12.7	14-155	250	114
EK-12 x 650	25 9/16"	650	12.0	14-190	250	114
EK-12 x 750	29 9/16"	750	12.0	10-220	250	114
EK-12 x 780	30 3/4"	780	12.7	14-230	250	114
EK-13 x 540	21 1/4"	540	13.0	14-155	250	114



Self-Locking Nylon Cable Ties

ITEM.NO.	L(mm)		W(mm)	Bundle Diameter E(mm)	Min.loop Tensile Strength	
	INCH	MM			LBS	KGS
EK-1.8 x 100	4"	100	1.8	2-22	14	6-5
EK-1.9 x 120	4 3/4"	120	1.9	2-30	14	6.5
EK-1.9 x 150	6"	150	1.9	2-35	14	6.5
EK-1.9 x 200	8"	200	1.9	3-50	14	6.5
EK-2.2 x 60	2 3/8"	60	2.2	2-11	18	8
EK-2.2 x 80	3 3/16"	80	2.2	2-18	18	8
EK-2.2 x 100	4"	100	2.2	2-22	18	8
EK-2.2 x 120	4 3/4"	120	2.2	2-30	18	8
EK-2.2 x 150	6"	150	2.2	2-35	18	8
EK-2.2 x 200	8"	200	2.2	3-50	18	8
EK-2.9 x 150	6"	150	2.9	3-35	33	15
EK-2.9 x 200	8"	200	2.9	3-50	33	15
EK-2.9 x 250	10"	250	2.9	3-65	33	15
EK-2.9 x 300	11 5/8"	300	2.9	3-80	33	15
EK-3.2 x 150	6"	150	3.2	3-35	40	18
EK-3.2 x 180	7"	180	3.2	3-42	40	18
EK-3.2 x 200	8"	200	3.2	3-50	40	18
EK-3.2 x 250	10"	250	3.2	3-65	40	18
EK-3.2 x 300	11 5/8"	300	3.2	3-80	40	18
EK-3.7 x 350	13 3/4"	350	3.7	3-90	40	18
EK-3.7 x 400	15 3/4"	400	3.7	3-105	40	18
EK-4.2 x 180	7"	180	4.2	3-42	50	22
EK-4.2 x 200	8"	200	4.2	3-50	50	22
EK-4.2 x 250	10"	250	4.2	3-65	50	22
EK-4.2 x 300	11 5/8"	300	4.2	3-80	50	22
EK-4.2 x 350	13 3/4"	350	4.2	3-90	50	22
EK-4.2 x 380	15"	380	4.2	3-102	50	22
EK-4.2 x 400	15 3/4"	400	4.2	3-105	50	22
EK-5.2 x 180	7"	180	5.2	3-42	65	30
EK-5.2 x 200	8"	200	5.2	3-50	65	30
EK-5.2 x 250	10"	250	5.2	3-65	65	30
EK-5.2 x 300	11 5/8"	300	5.2	3-80	65	30
EK-5.5 x 350	13 3/4"	350	5.5	3-90	65	30
EK-5.5 x 400	15 3/4"	400	5.5	3-105	65	30
EK-5.5 x 500	19 11/16"	500	5.5	3-150	65	30
EK-6.0 x 270	10 5/8"	270	6.0	4-65	65	30
EK-6.5 x 250	10"	250	6.5	4-65	85	38
EK-6.5 x 300	11 5/8"	300	6.5	4-80	85	38
EK-6.5 x 350	13 3/4"	350	6.5	4-90	85	38
EK-6.5 x 400	15 3/4"	400	6.5	4-10	85	38
EK-6.5 x 450	17 3/4"	450	6.5	4-130	85	38
EK-6.5 x 500	19 11/16"	500	6.5	4-150	85	38

EK-RT Series

Releasable Cable Ties

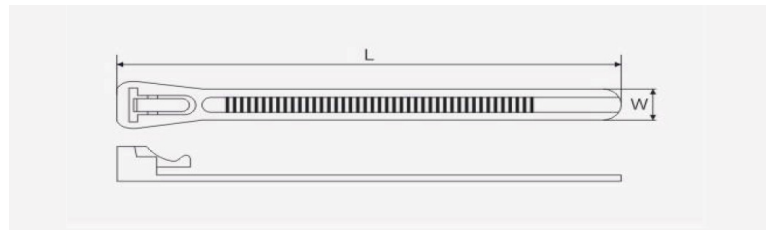


Overview

- Material: made from UL Nylon 66.
- Usage: releasable.

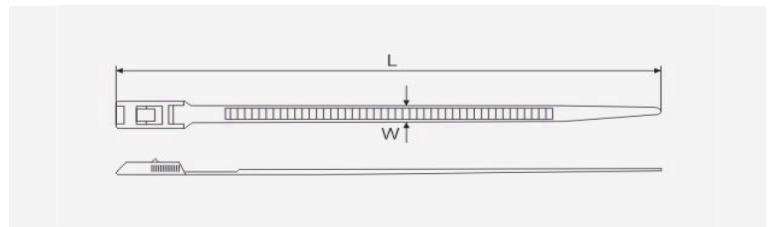
Releasable Cable Ties (active type)

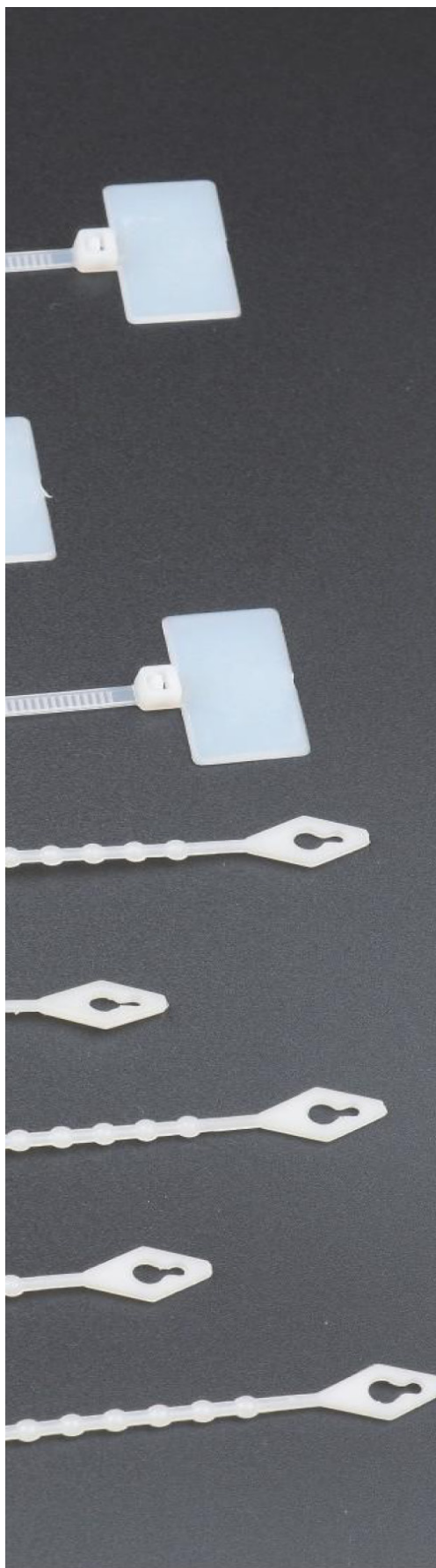
ITEM.NO.	L(mm)		W(mm)	Bundle Diameter E(mm)	Min.loop Tensile Strength	
	INCH	MM			LBS	KGS
EK-150RT	6"	150	7.5	35	50	22
EK-200RT	8"	200	7.5	45	50	22
EK-250RT	10"	250	7.5	60	50	22
EK-300RT	12"	300	7.5	75	50	22
EK-505RT	19 11/16"	500	8.5	145	75	34



Releasable Cable Ties (backpass)

ITEM.NO.	L(mm)		W(mm)	Bundle Diameter E(mm)	Min.loop Tensile Strength	
	INCH	MM			LBS	KGS
EK-350RT	13 5/8"	350	8.0	90	50	22
EK-400RT	5 3/4"	400	8.0	105	50	22
EK-450RT	17 3/4"	450	8.0	118	50	22
EK-500RT	19 11/16"	500	9.0	150	65	30



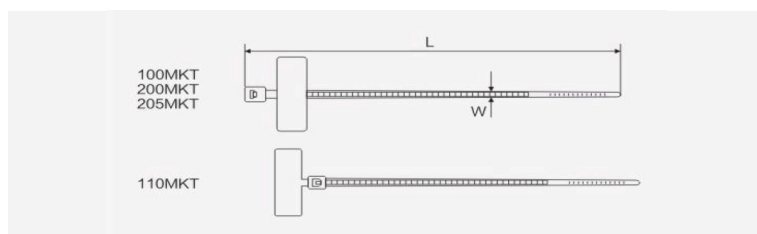


EK-MKT Overview

- Material: Nylon 66, 94V-2 certificated by UL, not apt to age.
- Feature: It is easy to mark on the space at front tip of ties with orl pen.

Marker Nylon Cable Ties

ITEM.NO.	L(mm)		W (mm)	Max. Diameter Dia(mm)	Tensile Strength		Sticker Size
	INCH	MM			LBS	KGS	
EK-100MKT	4"	100	2.5	22	18	8.0	25 x 8
EK-110MKT	4 1/3"	110	2.5	22	18	8.0	21 x 10
EK-200MKT	8"	200	2.5	22	18	8.0	25 x 8
EK-205MKT	8"	205	3.6	22	40	18.0	25 x 8

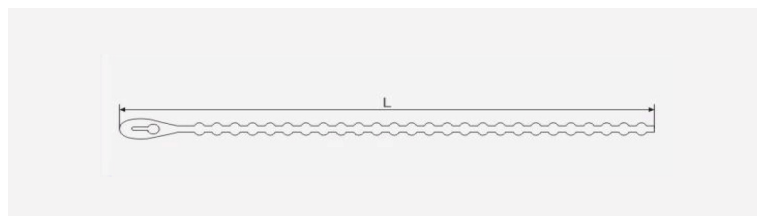


EK-KT Overview

- Material: Nylon 66, 94V-2 certificated by UL, not apt to age.
- Usage: Releasable.

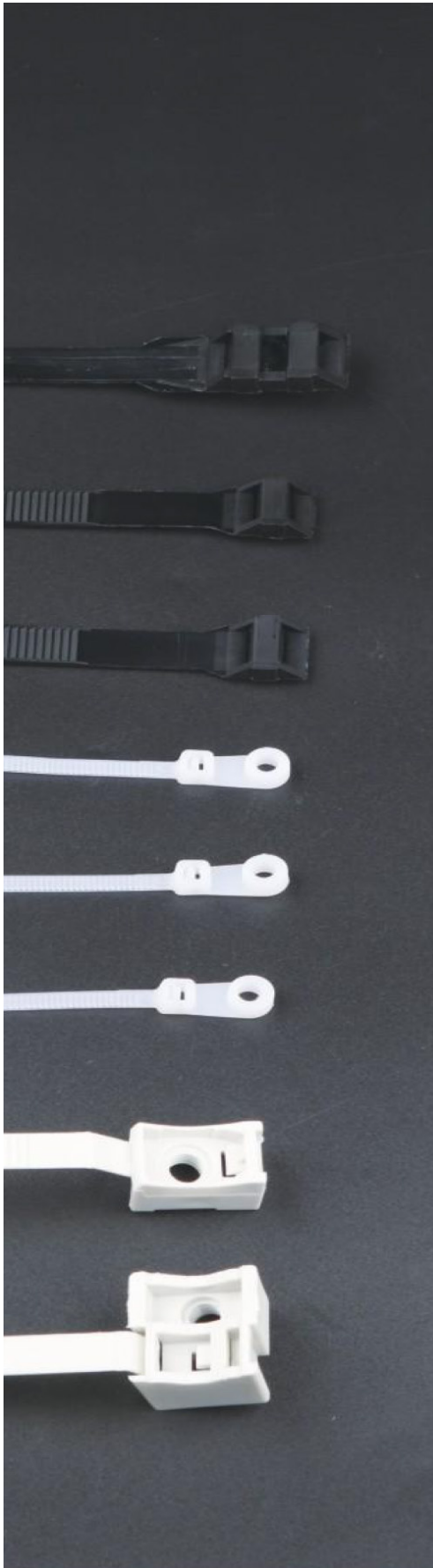
Knot Ties

ITEM.NO.	L(mm)		W(mm)	Max. Diameter Dia(mm)	Min.loop Tensile Strength	
	INCH	MM			LBS	KGS
EK-120KT	5 3/4"	120	25	18	8	22
EK-150KT	6"	150	35	18	8	22
EK-180KT	7"	180	45	18	8	22



EK-DL/MT/SMT Series

Double Locking & Mountable Head & Saddle Mounting Cable Ties



EK-DL Overview

- Material: Nylon 12 or Nylon 66 certified by UL.
- Usage: Double locking, strong supporting capacity.

Double Locking Cable Ties

ITEM.NO.	L(mm)		W(mm)	Max. Diameter Dia(mm)	Tensile Strength	
	INCH	MM			LBS	KGS
EK-115DL	5 1/8"	115	6,0	22	18	35
EK-180DL	7"	180	6.0	45	18	35
EK-180DDL	7"	180	9.0	45	25	40
EK-260DL	10 1/4"	260	9.0	66	40	50
EK-350DL	13 5/8"	350	9.0	90	40	50



EK-MT Overview

- Material: Nylon66 certified by UL.
- Usage: after bundling wires, fix them on plate with screw.

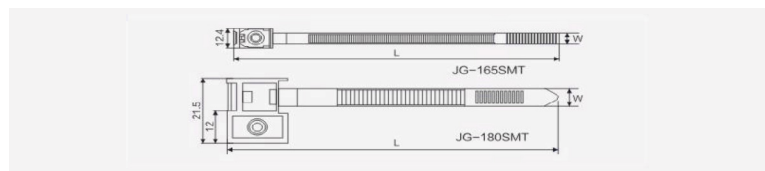
Mountable Head Ties

ITEM.NO.	L(mm)		W(mm)	Max. Diameter Dia(mm)	Tensile Strength	
	INCH	MM			LBS	KGS
EK-110MT	4 1/3"	100	3.5	22	18	8.0
EK-150MT	6"	145	3.6	32	30	13.6
EK-200MT	8"	220	4.3	42	40	18
EK-300MT	15"	381	7.6	98	120	55



Saddle Mounting Ties

ITEM.NO.	L(mm)		W(mm)	Max. Diameter Dia(mm)	Tensile Strength	
	INCH	MM			LBS	KGS
EK-165SMT	6 1/2"	165	7.5	33	50	22
EK-180SMT	7"	180	7.5	38	50	22



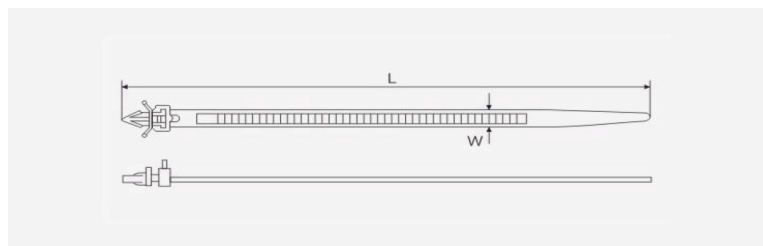


Overview

- Material: Nylon 66, 94V-2, agreed by UL. Acid and corrode resisting, insulate, not apt to age.
- Usage: insert tie to the hole of table and tighten it.

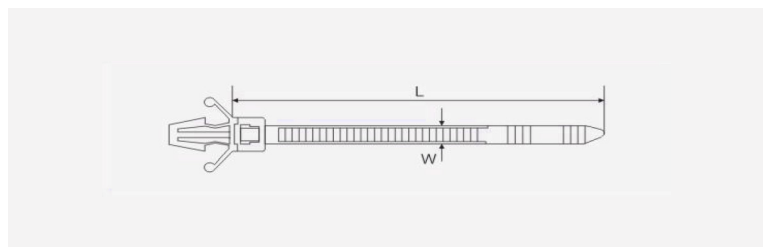
Push Mount Ties (Releasable)

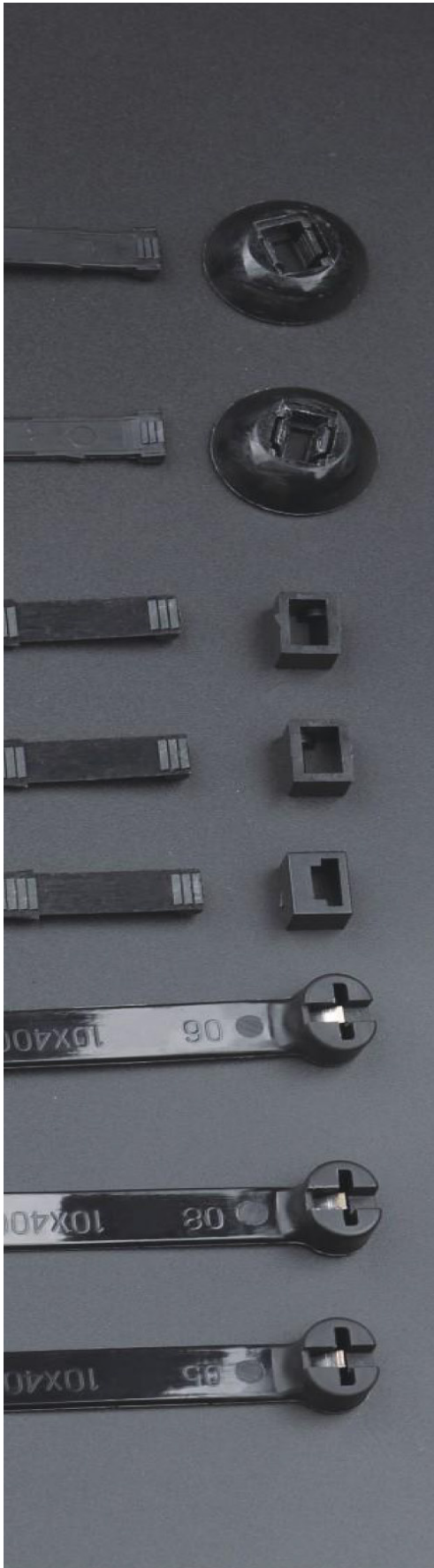
ITEM.NO.	L(mm)		W (mm)	MAX. Bundle DIA(mm)	Tensile Strength		Sticker Size		Panel Thickness	
	INCH	MM			LBS	KGS	INCH	MM	INCH	MM
EK-150PT	6"	150	8.0	37	40	18	0.252	6.4	0.126	3.2
EK-175PT	6 5/6"	175	8.0	44	40	18	0.252	6.4	0.126	3.2



Push Mount Ties

ITEM.NO.	L(mm)		W (mm)	MAX. Bundle DIA(mm)	Tensile Strength		Sticker Size		Panel Thickness	
	INCH	MM			LBS	KGS	INCH	MM	INCH	MM
EK-100PT	4"	100	2.5	22	18	8.0	0.189	4.8	0.094	2.4
EK-120PT	4 3/4"	120	3.2	25	30	13.6	0.157	4.0	0.079	2.0
EK-120PPT	4 3/4"	120	4.8	25	50	22.0	0.252	6.4	0.126	3.2
EK-160PT	6 1/4"	160	4.8	38	50	22.0	0.252	6.4	0.126	3.2
EK-190PT	7 1/2"	190	4.8	45	50	22.0	0.252	6.4	0.126	3.2



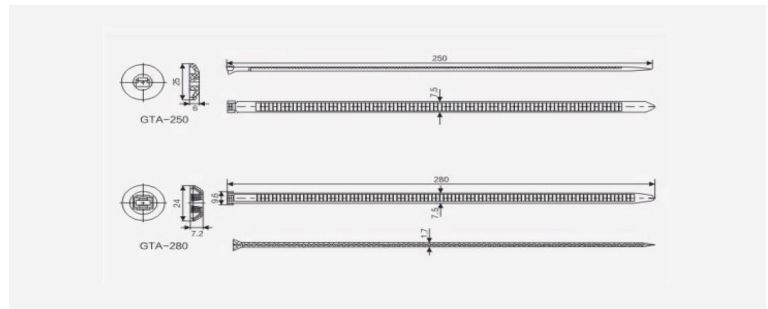


Overview

- Description: Two-piece design, Buckle and strap are one assembly. Zero insertion force. First loop is releasable prior to final tensioning.
- Material: UL approved Nylon 66, 94V-2.

Infinity Ties

ITEM.NO.	L(mm)	W(mm)	Max. Bundle Dia(mm)	Tensile Strength		Remark
				LBS	KGS	
GTA-250	250	7.5	60	120	55	Single Tooth
GTA-280	280	7.5	65	130	60	Double Tooth



Stainless Steel Plate Lock Cable Tie

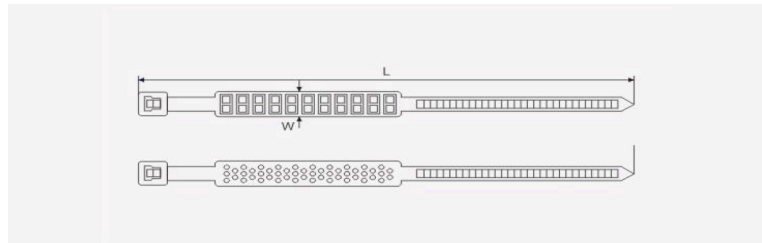
ITEM.NO.	L(mm)		W(mm)	Bundle Diameter E(mm)	Min.loop Tensile Strength	
	INCH	MM			LBS	KGS
NZ-3 x 100	4"	100	3.0	3-22	22	10
NZ-4 x 150	6"	150	4.0	3-35	44	20
NZ-4 x 200	8"	200	4.0	3-50	44	20
NZ-4 x 250	10"	250	5.0	3-65	55	25
NZ-5 x 300	12"	300	5.0	3-82	55	25
NZ-8 x 145	5 3/4"	145	8.0	4-30	130	60
NZ-8 x 175	7"	175	8.0	4-40	130	60
NZ-8 x 200	8"	200	8.0	4-50	130	60
NZ-8 x 240	9 1/2"	240	8.0	4-56	130	60
NZ-8 x 300	12"	300	8.0	4-80	130	60
NZ-8 x 400	15 3/4"	400	8.0	4-100	130	60
NZ-10 x 300	12"	300	10.0	10-80	200	90
NZ-10 x 350	14"	350	10.0	10-90	200	90
NZ-10 x 400	15 3/4"	400	10.0	10-105	200	90
NZ-10 x 450	17 3/4"	450	10.0	10-115	200	90
NZ-10 x 500	17 11/16"	500	10.0	10-150	200	90

Overview

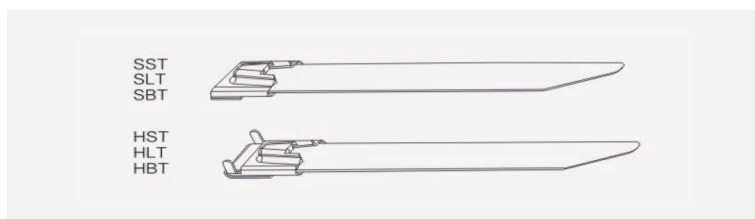
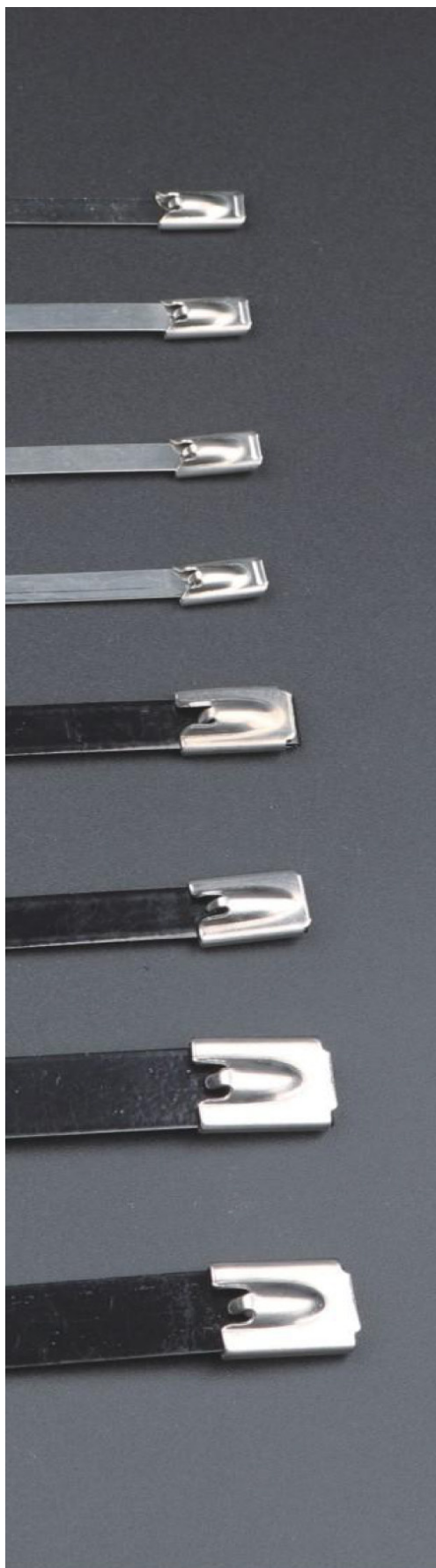
- Material: Made of UL approved cold resistant nylon 66 material, fireproof grade 94V-2, cold resistant, acid resistant and corrosion-resistant, Not easy to aging, strong endurance.
- Directions: First the tie around the wheel, slipping outwards, then tie into the head, tighten it.

Terminal Blocks

ITEM.NO.	L(mm)	W(mm)	Max. Bundle Dia(mm)	Tensile Strength		Remark
				LBS	KGS	
EK-950	950	20	270	265	120	Single Tooth

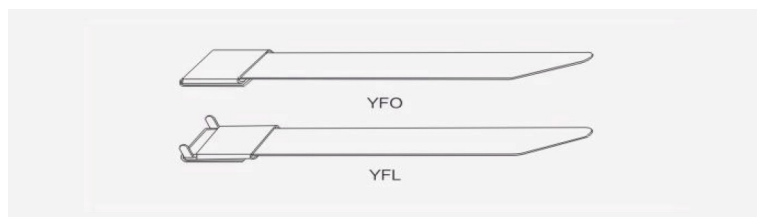
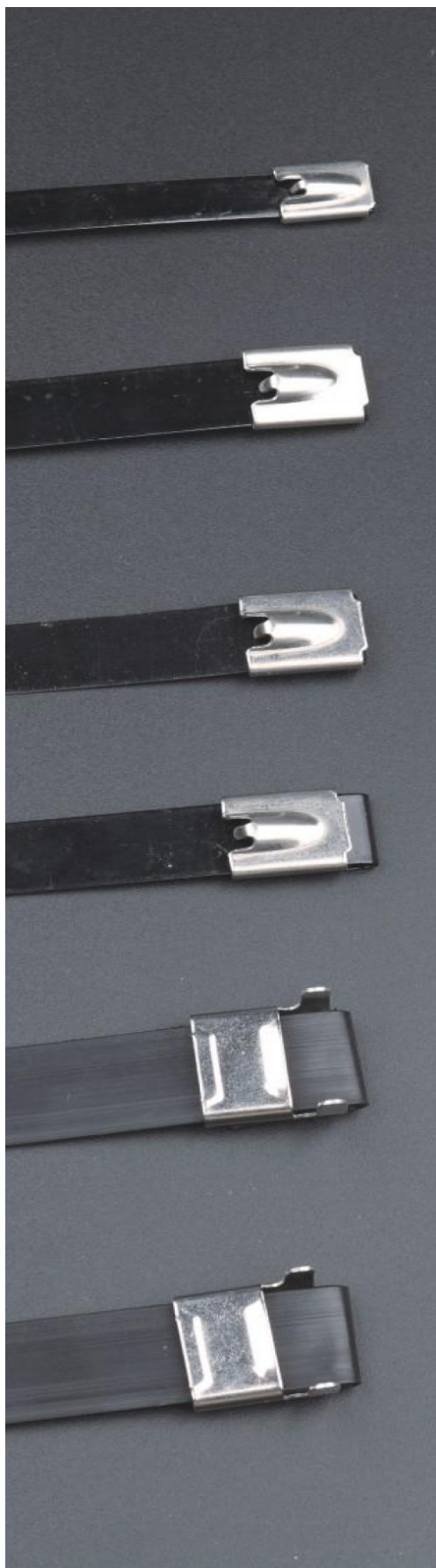


Stainless Steel Cable Ties For On Board Ships & Offshore Units



Stainless Steel Cable Ties

ITEM.NO.		L(mm)	W(mm)	Max. Bundle Dia(mm)	Tensile Strength	
					LBS	KGS
SST-100	HST-100	100	4.6	22	100	46
SST-152	HST-152	152	4.6	35	100	46
SST-175	HST-175	175	4.6	40	100	46
SST-200	HST-200	200	4.6	50	100	46
SST-250	HST-250	250	4.6	65	100	46
SST-300	HST-300	300	4.6	80	100	46
SST-360	HST-360	360	4.6	95	100	46
SST-400	HST-400	400	4.6	105	100	46
SST-520	HST-520	520	4.6	150	100	46
SST-600	HST-600	600	4.6	180	100	46
SST-680	HST-680	680	4.6	195	100	46
SST-840	HST-840	840	4.6	250	100	46
SST-1050	HST-1050	1050	4.6	285	100	46
SLT-152	HLT-152	152	7.9	35	176	80
SLT-175	HLT-175	175	7.9	40	176	80
SLT-200	HLT-200	200	7.9	50	176	80
SLT-250	HLT-250	250	7.9	65	176	80
SLT-300	HLT-300	300	7.9	80	176	80
SLT-360	HLT-360	360	7.9	95	176	80
SLT-400	HLT-400	400	7.9	105	176	80
SLT-520	HLT-520	520	7.9	150	176	80
SLT-600	HLT-600	600	7.9	180	176	80
SLT-680	HLT-680	680	7.9	195	176	80
SLT-840	HLT-840	840	7.9	250	176	80
SLT-1050	HLT-1050	1050	7.9	285	176	80
SBT-152	HBT-152	152	12	35	264	120
SBT-175	HBT-175	175	12	40	264	120
SBT-200	HBT-200	200	12	50	264	120
SBT-250	HBT-250	250	12	65	264	120
SBT-300	HBT-300	300	12	80	264	120
SBT-360	HBT-360	360	12	95	264	120
SBT-400	HBT-400	400	12	105	264	120
SBT-520	HBT-520	520	12	150	264	120
SBT-600	HBT-600	600	12	180	264	120
SBT-680	HBT-680	680	12	195	264	120
SBT-840	HBT-840	840	12	250	264	120
SBT-1050	HBT-1050	1050	12	285	264	120



Plastic Sprayed Stainless Steel Cable Ties Type O

ITEM.NO.	L(mm)	W(mm)	Max.Bundle Dia(mm)	Tensile Strength
YFO-12 x 152	152	12.0	0.4	32
YFO-12 x 200	200	12.0	0.4	47
YFO-12 x 300	300	12.0	0.4	77
YFO-12 x 360	360	12.0	0.4	92
YFO-12 x 520	520	12.0	0.4	145
YFO-12 x 680	680	12.0	0.4	190
YFO-12 x 840	840	12.0	0.4	245
YFO-12 x 1050	1050	12.0	0.4	280
YFO-15 x 200	200	15.0	0.4	47
YFO-15 x 300	300	15.0	0.4	77
YFO-15 x 360	360	15.0	0.4	92
YFO-15 x 520	520	15.0	0.4	145
YFO-15 x 680	680	15.0	0.4	190
YFO-15 x 840	840	15.0	0.4	245
YFO-15 x 1050	1050	15.0	0.4	280


Plastic Sprayed Stainless Steel Cable Ties Type L

ITEM.NO.	L(mm)	W(mm)	Max.Bundle Dia(mm)	Tensile Strength
YFL-12 x 152	152	12.0	0.4	32
YFL-12 x 200	200	12.0	0.4	47
YFL-12 x 300	300	12.0	0.4	77
YFL-12 x 360	360	12.0	0.4	92
YFL-12 x 520	520	12.0	0.4	145
YFL-12 x 680	680	12.0	0.4	190
YFL-12 x 840	840	12.0	0.4	245
YFL-12 x 1050	1050	12.0	0.4	280
YFL-15 x 200	200	15.0	0.4	47
YFL-15 x 300	300	15.0	0.4	77
YFL-15 x 360	360	15.0	0.4	92
YFL-15 x 520	520	15.0	0.4	145
YFL-15 x 680	680	15.0	0.4	190
YFL-15 x 840	840	15.0	0.4	245
YFL-15 x 1050	1050	15.0	0.4	280

Cable Wrap

Cable Wrap



 The product data referred to in the company shall be subject to material object. Subject to change without notice.
The company has the final right to interpret.

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