Wad General Manager
Mob:+86-139 0587 2153
ZHEJIANG IGOTO ELECTRIC CO., LTD.
No.6 Tuozhan Road,Leshang Pioneer Park,Yuegingwan Bay Harbor,Yueqing city,Zhejiang Province
+86-577-62767666 **Switch:** www.igotoele.com
sales@igoto.com.cn **Cable tie:** www.igoto.com.cn

Company website

ZHEJIANG IGOTO ELECTRIC CO., LTD.

Add | No.6 Tuozhan Road,Leshang Pioneer Park,Yuegingwan Bay Harbor,Yueqing city,Zhejiang Province
Tel | +86-0577-62767668 62767662 **Fax** | +86-0577-62767670
Web | www.igoto.com.cn **E-mail** | sales@igoto.com.cn

Pure Pa66 Nylon Cable Tie

PARTNER OF FORTUNE GLOBAL 500

UL CE ROHS REACH ISO9001 ISO14001

CATALOGUE
2025



ZHEJIANG IGOTO ELECTRIC CO., LTD.



ENTERPRISE
BRIEF INTRODUCTION

Founded in 1999 and located in Yueqing, Zhejiang Province, China, Zhejiang IGOTO Electric Co., Ltd. specializes in the production of wall switches and nylon cable ties. The company has evolved into a high-tech enterprise integrating collaborative R&D, smart manufacturing, global sales and intelligent services.

With a mission to "Light up your world" and a vision "To be superior and intelligent, realize your dream", the company is dedicated to enhancing product competitiveness, brand influence, and platform reach through investment in R&D, quality, service, and talent development.

Igoto promote the corporate spirit of "steady, tough, cooperative, progressive", actively practice the core values of "keeping prestige, win the future with concentration", and has successively passed the ISO9001, ISO14000, and ISO45001 ,as well as UL, SAA, PS, NOM, TISI, CE, CB, INMETRO, SGS, ROHS, etc., providing reliable and excellent products and services to global customers sustainably.

Igoto take "Chainization, Platformization, and Ecologization" as our development direction, and wish to work together with all stakeholders in a friendly manner to light up the world and win the future with a sincere heart!

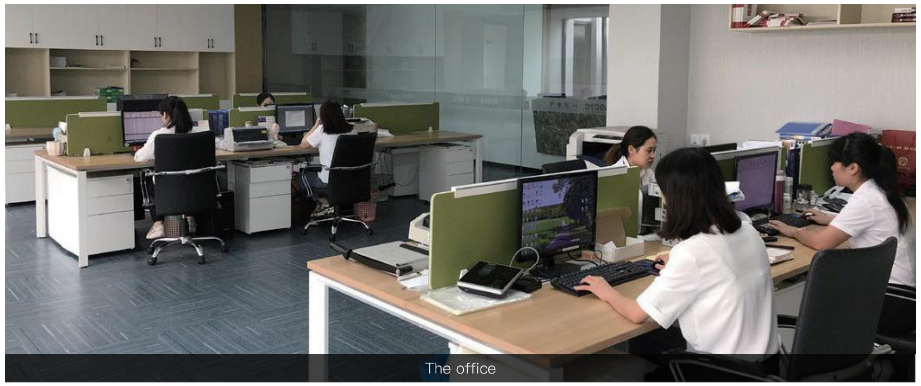
30000m²
Company size

RoHS 2.0
EU standards

240+ staff
Employee scale

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The office



R&D department



Cable Ties display area



Cable Ties display area



Cooperative enterprise



Certificate display area

Vision
Committed to becoming a global expert in the solution of electrical products

Mission
Create value for customers, create happiness for employees, contribute to society.

Values
Safety, innovation, customer first

OFFICE
ENVIRONMENT



Central feeding system



Injection machine workshop



Injection machine workshop



Material warehouse (PA66)



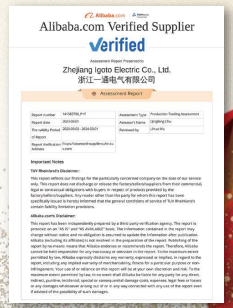
Material warehouse

PRODUCTION
ENVIRONMENT

IGOTO®

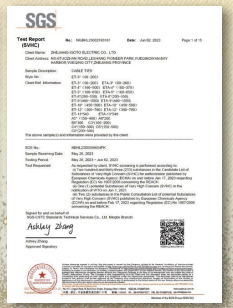
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HONOR
QUALIFICATION

















Before you source cable ties or related nylon products,please make a correct choice due to different application purpose.

Application Area	Material	Function	Flam Class	Min Instal Iemp.	Operation Temp
General Purpose	Nylon 66(PA66)	General	UL-94,V2	-10°C(14°F)	-40°C~+85°C(-40°F~+185°F)
Heat Stabilized	Nylon 66(PA66)	Heat Stabilized	UL-94,V2	-10°C(14°F)	-40°C~+115°C(-40°F~+239°F)
Extremely High Temp	Nylon 46(PA46)	High Temp Resistant	UL-94,V2	-10°C(14°F)	-40°C~+135°C(-40°F~+275°F)
Srong UV Light	Nylon 66(PA66)	Strong Weather Resistant	UL-94,V2	-10°C(14°F)	-40°C~+85°C(-40°F~+185°F)
Cold Area	Nylon 66(PA66)	low Temp Resistant	UL-94,HB	-20°C(0°F)	-40°C~+85°C(-40°F~+185°F)
Extremely Cold Area	Nylon 66(PA66)	Extreme Low Temp Resistant	UL-94,HB	-40°C(40°F)	-40°C~+85°C(-40°F~+185°F)
Better Flam.Abiliby	Nylon 66(PA66)	Better Flam Class	UL-94,V0	-10°C(14°F)	-40°C~+85°C(-40°F~+185°F)

How to choose a right cable ties?

The most important characteristics of a cable tie are:

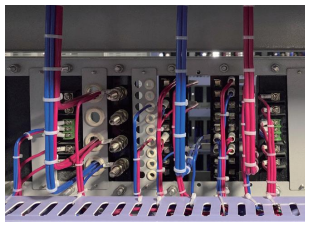
1	The raw-material they are made of (chemicals,weather,and heat resistance,low temperature resistance,the flammability rating)
2	The tensile strength they can stand
3	The max diameter they can bundle
4	The shape of the tie in case of particular applications
5	Smoke and heat generation (Suitable for use in air-handling spaces (plenums))

Chemical Resistant

Please ask for information about the chemical resistance,if you need to apply the cable ties into a special area

UV Resistant

1	All polymers including the polyamides used for the production of cable ties are sensitive to UV radiation.The most common additive used for protecting polyamides from UV radiation is carbon powder commonly known as "carbon black".
2	Natural Cable Ties have low resistance to UV radiation,but natural color usually can reflect the sunlight,so it could be used for general purpose outdoor.But not suggested for outdoor application.
3	Black Cable Ties are additivated with carbon black.They have improved weather and UV radiation resistance and are better suitable for outdoor applications,but this is not enough to protect the material from the damage due to the UV-radiation for a long time.
4	For these needs the weather resistance cable ties could be used,and if for a long term of outdoor use,we strongly suggest you to choose Strong UV resistance (weather resistance)material and our strong UV resistance material,it has been tested by UL as an available long term outdoor application.(supposed to be >7 years)
5	Polymers are also sensitive to temperatures.





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The materials have undergone various professional tests in the laboratory, and the data is rigorous and reliable.

Temperature resistance

1	Normally,the polyamide material without any additive,it only can be installed under the temeprature of-10°C(14°F),and the material will becomes very brittle with the temperature of lower than-10°C (14°F).So for the normal grade polyamide material,we do not suggest you to still install the cable ties if the temperature is lower than-10°C (14°F).
2	Many peple is doubting that "what's the operation temp" means?usually it means the temperature the cable ties still could be worked after installation.
3	So if you need to install a cable ties under extremely low temperature,please ask for the correct material.
4	The polyamide material is really sensitive to the moisture.If without moisture,the materail will become brittle.So please do not open the bag for a long time before you use,and also after using,please close the bag immediately.
5	In the dry and Cold winter,please do not keep the cable ties in a cold and dry weather.We do not suggest you to move out the Cable Ties from the conditioned warehouse if you are not ready to use it.
6	The best condition for storage of Cable Ties is 23°C(73.4°F),at the humudity of 50%.

Flammability

The UL 94 test,the Standard for Safety of Flammability of Plastic Materials for Parts in Devices and Appliances testing.The classifications relate to materials commonly used in manufacturing enclosures,structural parts and insulators found in consumer electronic products (V-0,V-1,V-2,HB,from the highest level to the lowest)

New standard from UL 62275

Loop tensile strength:

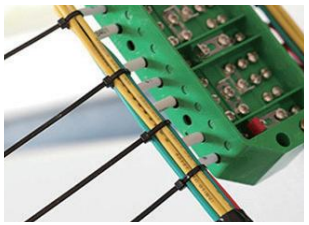
Type 1 or 11 based	No individual value shall be less than 50 % of the loop tensile strength declared after after heat aging,after temperature cycling.
Type 2 or 21 based	No individual value shall be less than 100 % of the loop tensile strength declared after after heat aging,after temperature cycling.

Minimum installation temperature and operation temperature test:

According to the new standard of UL62275,the minimum installation temperature,and operation temperature test should be made.Different factory they will declare different minimum installation temperature,and operation termperature as well.so new UL will show such information and to show the quality of the products,and the characters of the products.

Smoke and heat generation:

AH-1	Suitable for use in air-handling spaces-1(plenums)(for Metallic component,like stainless steel cable ties)
AH-2	Suitable for use in air-handling spaces-2(plenums)(for Non-metallic component and Composite component,like nylon cable ties,cable ties fixing,coated stainless steel cable ties

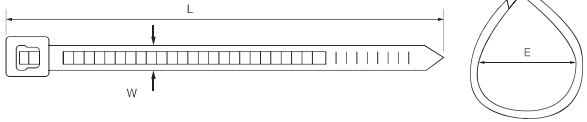




The products are made by hot runner molds

Product pictures	Item No.	Bundle diameter (mm)	W(mm)	L (mm)		Min.loop tensile strength	
				INCH	MM	KGS	LBS
	ET–3 × 80	2–16	2.5	3.2"	80	8	18
	ET–3 × 100	2–22	2.5	4"	100	8	18
	ET–3 × 120	2–30	2.5	4.7"	120	8	18
	ET–3 × 150	3–35	2.5	6"	150	8	18
	ET–3 × 200	3–50	2.5	8"	200	8	18
	ET–4 × 150	3–35	3.5	6"	150	18	40
	ET–4 × 200	3–50	3.5	8"	200	18	40
	ET–4 × 250	3–65	3.5	10"	250	18	40
	ET–4 × 300	3–85	3.5	12"	300	18	40
	ET–4 × 350	3–90	3.6	14"	350	18	40
	ET–4 × 370	3–100	3.6	14.6"	370	18	40
	ET–4 × 400	3–105	3.6	16"	400	18	40
	ET–4 × 450	3–130	3.9	18"	450	18	40
	ET–4 × 500	3–150	3.9	20"	500	18	40

Our Advantage:
① UL and ROHS certificates since 2012;
② Pure pa66 Ascend Vydyne 21 SPC raw material;
③ Cable tie tensile strength exceeds 20% of industry standard and flexible for bundling;
④ Cable tie meets high temperature +85°C and low temperature –35°C
⑤ Cable tie are produced by hot runner molds to ensure the consistency,stability and quality.



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The products are made by hot runner molds

Product pictures	Item No.	Bundle diameter (mm)	W (mm)	L (mm)		Min.loop tensile strength	
				INCH	MM	KGS	LBS
	A5 × 150	3–35	4.5	6"	150	22	50
	A5 × 180	3–42	4.5	7.1"	180	22	50
	A5 × 200	3–50	4.5	8"	200	22	50
	A5 × 250	3–65	4.5	10"	250	22	50
	A5 × 300	3–82	4.5	12"	300	22	50
	A5 × 350	3–90	4.5	14"	350	22	50
	A5 × 380	3–102	4.5	15"	380	22	50
	A5 x 400	3–105	4.5	16"	400	22	50
	ET–5 x 150	3–35	4.8	6"	150	22	50
	ET–5 x 180	3–42	4.8	7.1"	180	22	50
	ET–5 × 200	3–50	4.8	8"	200	22	50
	ET–5 × 250	3–65	4.8	10"	250	22	50
	ET–5 × 300	3–82	4.8	12"	300	22	50
	ET–5 × 350	3–90	4.8	14"	350	22	50
	ET–5 × 380	3–102	4.8	15"	380	22	50
	ET–5 × 400	3–105	4.8	16"	400	22	50
	ET–5 × 450	3–130	4.8	18"	450	22	50
	ET–5 × 500	3–150	4.8	20"	500	22	50
	A8 × 200	3–50	6.8	8"	200	40	100
	ET–8 × 250	4–60	7.6	10"	250	55	120
	ET–8 × 300	4–80	7.6	12"	300	55	120
	ET–8 × 350	4–88	7.6	14"	350	55	120
	ET–8 × 380	4–98	7.6	15"	380	55	120
	ET–8 × 400	4–105	7.6	16"	400	55	120
	ET–8 × 450	4–116	7.6	18"	450	55	120
	ET–8 × 500	4–148	7.6	20"	500	55	120
	ET–8 × 550	4–150	7.6	22"	550	55	120
	ET–9 × 400	8–110	8.8	16"	400	80	175
	ET–9 × 500	8–150	8.8	20"	500	80	175
	ET–9 × 550	8–150	8.8	22"	550	80	175
	ET–9 × 600	8–180	8.8	24"	600	80	175
	ET–9 × 650	8–190	8.8	25.6"	650	80	175
	ET–9 × 700	8–190	8.8	27"	700	80	175
	ET–9 × 760	10–223	8.8	29.9"	760	80	175
	ET–9 × 800	10–230	8.8	31.5"	800	80	175
	ET–9 × 900	10–265	8.8	35.4"	900	80	175
	ET–9 × 1000	10–290	8.8	40"	1000	80	175
	ET–9 × 1220	10–375	8.8	48"	1220	80	175
	ET–9 × 1350	10–397	8.8	53"	1350	80	175
	ET–9 × 1530	10–450	8.8	60"	1530	80	175
							

Product Features:
① Toughness, no slip;
② Strong and hard to break
③ Environmental protection new material,non–toxic;
④ Aging resistance, strong and durable
⑤ Good low temperature resistance

DIY Package Cable Tie

Product pictures	Item No.	Size (mm)	Q'TY	Color	Packing
	EEB–50C	2.5 × 100	25PCS	●(6)●(7)●(6)●(6)	Polybag with head card
		3.5 × 150	25PCS	●(6)●(7)●(6)●(6)	
	EEB–50YL	2.5 × 100	25PCS	●	
		3.5 × 150	25PCS	●	
	EEB–50BK	2.5 × 100	25PCS	●	
		3.5 × 150	25PCS	●	
	EEB–50RD	2.5 × 100	25PCS	●	
		3.5 × 150	25PCS	●	
	EEB–50W	2.5 × 100	25PCS	○	
		3.5 × 150	25PCS	○	
	ECA–60W(B)	2.5 × 100	20PCS	○●	Black pvc bag with head card
		3.5 × 150	20PCS	○●	
		4.8 × 200	20PCS	○●	
	ECA–70W(B)	2.5 × 100	20PCS	○●	
		2.5 × 150	25PCS	○●	
		3.5 × 200	25PCS	○●	
	ECA–75W(B)	2.5 × 100	25PCS	○●	Transparant pvc bag with head card
		2.5 × 150	25PCS	○●	
		3.5 × 200	25PCS	○●	
	ECA–85W(B)	2.5 × 100	30PCS	○●	
		2.5 × 150	30PCS	○●	
		3.5 × 200	25PCS	○●	
	EB–60B	2.5 × 100	25PCS	●	Single Blister
		2.5 × 150	20PCS	●	
		3.5 × 200	15PCS	●	
	EB–60W	2.5 × 100	25PCS	○	
		2.5 × 150	20PCS	○	
		3.5 × 200	15PCS	○	
	EB–60C	2.5 × 100	25PCS	●	
		2.5 × 150	20PCS	●	
		3.5 × 200	15PCS	●	

Our Advantage:
① UL and ROHS certificates since 2012;
② Pure pa66 Ascend Vydyne 21 SPC raw material;
③ Cable tie tensile strength exceeds 20% of industry standard and flexible for bundling;
④ Cable tie meets high temperature +85°C and low temperature −35°C
⑤ Cable tie are produced by hot runner molds to ensure the consistency,stability and quality.

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

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Value Pack

Product pictures	Item No.	Size (mm)	Q'TY	Color	Packing
	EBA–300C	2.5 × 100	50PCS	○	Blister with Insert Card A
		2.5 × 100	50PCS	●	
		2.5 × 100	50PCS	●	
		2.5 × 100	50PCS	●	
		2.5 × 100	50PCS	●	
		2.5 × 100	50PCS	●	
	EBA–250A	2.5 × 100	100PCS	○	
		2.5 × 100	100PCS	●	
		2.5 × 100	50PCS	○	
	EBA–250B	2.5 × 100	50PCS	○	
		2.5 × 100	50PCS	●	
		2.5 × 100	50PCS	●	
		2.5 × 100	50PCS	●	
		2.5 × 200	50PCS	●	
	EBB–75W	2.5 ×100	25PCS	○	Blister with Insert card B
		4.8 × 150	25PCS	○	
		4.8 × 200	25PCS	○	
	EBB–100W	2.5 × 120	70PCS	○	
		2.5 × 150	20PCS	○	
		3.5 × 200	10PCS	○	
	EBB–200C	2.5 × 100	40PCS	●	
		2.5 × 100	40PCS	●	
		2.5 × 100	40PCS	●	
		2.5 × 100	40PCS	●	
		2.5 × 100	40PCS	●	
	ELB–20W	2.5 × 100	20PCS	○	Black Blister
	ELB–20YL	2.5 × 100	20PCS	●	
	ELB–20BL	2.5 × 100	20PCS	●	
	ELB–20GN	2.5 × 100	20PCS	●	
	ELB–20RD	2.5 × 100	20PCS	●	

Product Features:
① Toughness, no slip;
② Strong and hard to break
③ Environmental protection new material,non−toxic;
④ Aging resistance, strong and durable
⑤ Good low temperature resistance

Releasable Cable Ties

Product pictures	Item NO.	L（often）		W(Width）mm	Max.Bundle Dia. E (mm)	Tensile Strength	
		Inch	mm			LBS	KGS
	ETR–5*200	8″	200	4.6	45	40	18
	ETR–8*150	6″	150	7.5	35	50	22
	ETR–8*200	8″	200	7.5	45	50	22
	ETR–8*250	10″	250	7.5	60	50	22
	ETR–8*300	12″	300	7.5	75	50	22
	ETR–8*380	14 1/4″	370	7.5	95	50	22
	ETR–8*400	15 3/4″	400	7.5	100	50	22

Material: Nylon 66, 94V–2 certificated by UL. Acid & erosion control,insulate well and not easy to aging、tensile strong.

- Application temperature: –40℃ to 85℃
- Installation temperature: –20℃ to 85℃
- Color: Natural, Black, UV black, other colors are available as requested.
- Feature: Can be released for repeated use.

Marker Nylon Cable Ties

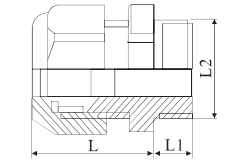
Product pictures	Item No.	Bundle diameter (mm)	W (mm)	long L (mm)		Min.loop tensile strength		Sticks size (mm)
				INCH	MM	KGS	LBS	
	EZT–100MKT	22	2.5	4″	100	8.0	18	25 × 8
	EZT–110MKT	22	2.5	4 1/3″	110	8.0	18	21 × 10
	EZT–200MKT	22	2.5	8″	200	8.0	18	25 × 8
	EZT–205MKT	22	3.6	8″	205	18.0	40	25 × 8

- Material: Nylon 66, 94V–2 certificuted by ul, not apt to age.

Usage: It is easy to mark on the space at front tip of ties with oil pen

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Pg Thread Cable Gland

Product pictures	Item No.	L 1 mm	cable range (mm)	L mm	Spanne size (mm)	L2 mm
 	PG7×1.5	8	3–6.5	22	16	12
	PG9*1.5	8	4–8	26	19	16
	PG11×1.5	8	5–10	27	22	18
	PG13.5×1.5	9	6–12	28	24	20
	PG16×1.5	10	10–14	30	27	22
	PG19×1.5	10	12–15	30	27/28	24
	PG21×1.5	10	13–18	35	33	28
	PG25×1.5	11	16–21	34	35/36	30
	PG29×1.5	12	18–25	40	41/42	37
	PG36×1.5	14	22–32	48	52/53	47
	PG42×1.5	14	32–38	49	60/61	54
	PG48×1.5	14	37–44	50	64/65	59
	PG63×1.5	27	42–50	60	72	70

Metric Thread Cable Gland

Product pictures	Item No.	L 1 mm	cable range (mm)	L mm	Spanne size (mm)	L2 mm
	M12×1.5	8	3–6.5	22	16	12
	M16×1.5	8	5–10	27	22	16
	M18×1.5	8	5–10	27	22	18
	M20×1.5	9	6–12	28	24	20
	M22×1.5	10	10–14	30	27	22
	M24×1.5	10	12–15	30	27	24
	M25×1.5	10	13–18	35	33	25
	M30×1.5	11	12–21	34	35/36	30
	M32×1.5	11	12–21	34	36/37	32
	M36×1.5	12	18–25	40	41/42	36
	M40×1.5	14	22–32	48	52/53	40
	M50×1.5	14	32–38	49	60/61	50
	M63×1.5	14	37–44	50	67	63

- Material:Nylon66,94V–2 and tight ring from rubber.
- Feature: 1 Special designation,good strength aile and none damage to electrical machine. 2 not need to dismetgrate the fix terminal,cable can be inserted hrough directly then tighten easy and save time.
- Application:used for machiery cotrol box,distribution plate,machine and electrical, etc.