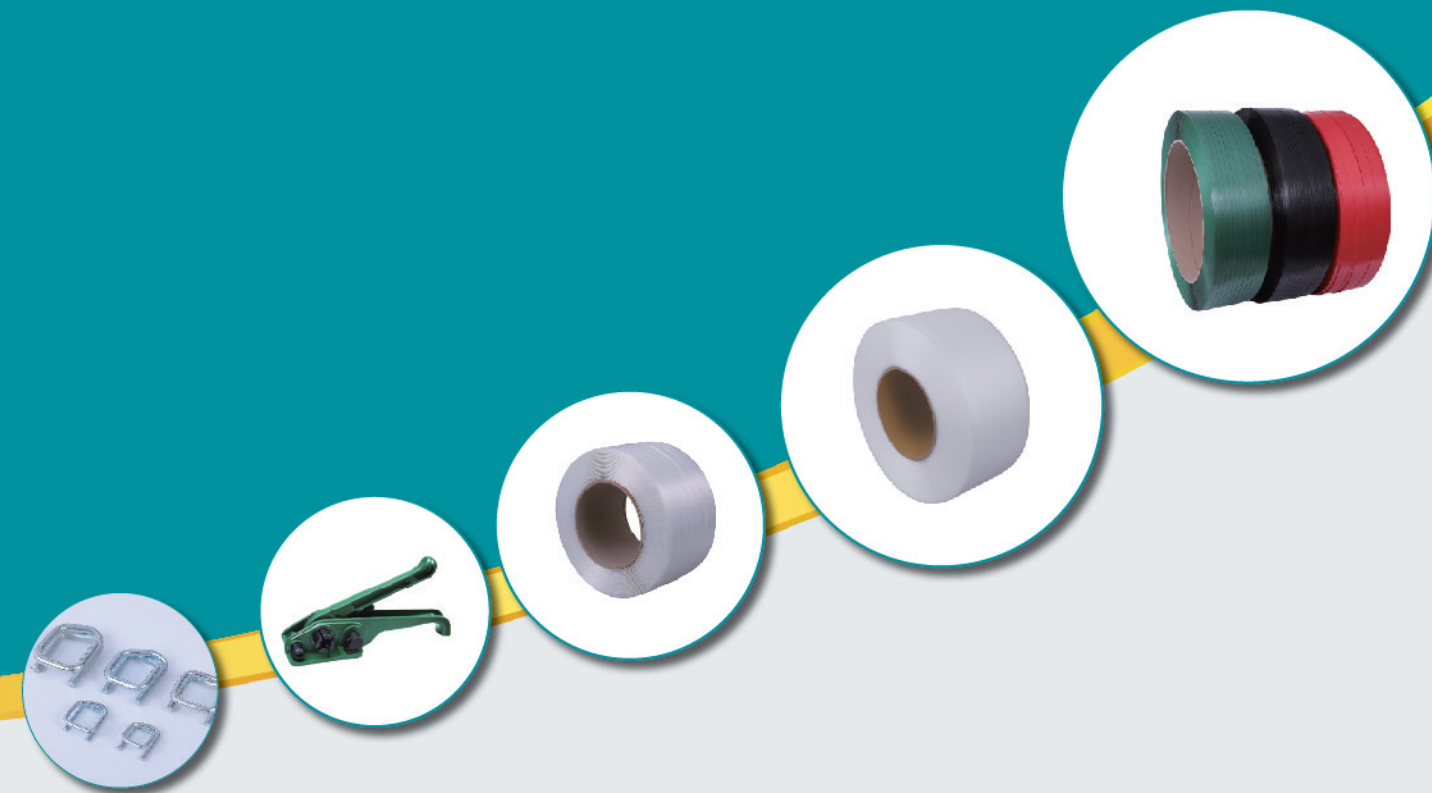




Professional Plastic Strapping Manufacture & Strapping Tool Supplier



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COMPANY PROFILE



ORTPAK—Professional Plastic Packaging Strapping Solution Provider

Suzhou Qingxing Packaging Technology Co., Ltd.(ORTPAK) specializes in the development and production of high-performance PET strapping, composite strapping, PP strapping, and also operates imported and domestic electric and pneumatic packaging machines, packaging buckles, etc; We adhere to the principle of "quality is everything" and the goal of energy conservation and consumption reduction for customers, insisting on providing customers with high-quality products and professional packaging solutions.

ORTPAK has passed ISO9001 quality management certification, and our high-performance PET strapping, PP strapping, and composite strapping have passed multiple product quality tests such as SGS, ROHS, and MSDS, ensuring safety, environmental protection, and first-class quality. With the continuous development and growth of the company, the annual production of packaging strap products currently exceeds 20,000 tons.

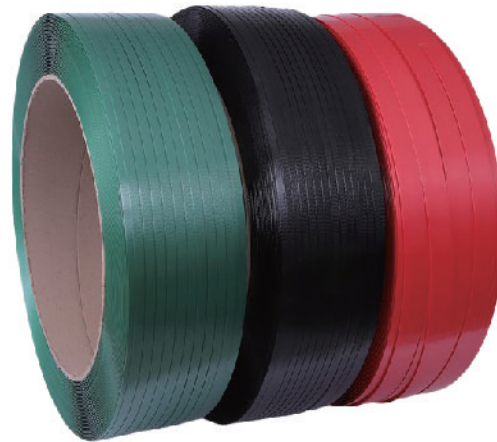
Our strapping products have being exported to Europe, the United States, Canada, Australia, the Middle East, Southeast Asia, and other parts of the world every year. It is deeply trusted and supported by customers, and has a stable distribution network abroad. We also have established long-term and stable cooperative relationships with multiple overseas partners;

PET PACKAGING TAPE

► PET Strapping Introduction

PET strapping is a new type of plastic packaging strap with high strength and high tensile force, which is processed from the main raw materials of PET through special processes. PET strapping not only has the same strength and tensile strength as steel strip, but also has the extensibility and shrinkage properties of plastic products, ensuring that goods will not break or break under external impact. Compared with steel strips, PET strapping also has advantages such as safety and environmental protection, never rusting, saving 50% money, and easy operation. At present, PET strapping are gradually replacing traditional packaging and bundling strappings such as steel strapping, steel wires, and PP strapping, becoming the most popular new type of environmentally friendly packaging strapping and widely recognized by industrial manufacturing enterprises all over the world.

At present, PET strapping has been widely used in industries such as wood, paper, steel, chemical fiber, cotton, aluminum ingots, zinc ingots, magnesium ingots, glass, building materials, metals, electronic appliances, ceramics, bricks, automotive parts, etc.



► Advantages of PET strapping:

- **50% savings:** Through comparative analysis of the performance of PET strappings and steel strips, as well as practical data, it can be concluded that using PET strapping can completely replace steel strappings of the same specification or steel wires with the same tensile strength for packaging goods. After calculation, under the same specifications and lengths, the weight of PET strapping is only 1/6 of steel strips. Using PET strapping instead of steel strips for packaging can save 50% of packaging costs.
- **Dual safety:** PET strapping can maintain a long-term tightening force of 5% without loosening, and has a cushioning elongation of 5% when subjected to strong external forces, ensuring the safety of the packaging. PET plastic steel strip does not have sharp edges on the steel strip and will not cause damage to the packaged object. At the same time, it will not cause any harm to the operator during the packaging and unpacking process.
- **Environmental protection and aesthetics:** After the PET strapping is tied up, the goods have a beautiful appearance, with anti rust, waterproof, and corrosion resistance characteristics, and will not cause pollution to the packaging. It fully complies with EU ROHS and other environmental directives, and there is no restriction on export after packaging.
- **Convenient and efficient:** PET strapping is lightweight and easy to handle; Using PET strapping for packaging, it can be paired with a manual or pneumatic or electric strapping tool or automatic strapping machine, with simple operation and high packaging efficiency.

► Product Parameters

Specifica- tion Model	Size		Length		Breaking Strength		Color	Core ID		Qty/Pit
	Width	Thickness	Meter	Feet	Kgf(Min)	Lbs(Min)	Color	MM	Inch	Roll
PET090050	9mm-3/8"	0.5MM-0.020"	3766	12357	180	397	G	406*152	16*6	24/28/52R
PET090060	9mm-3/8"	0.6MM(0.024")	3086	10126	216	476	B/G	406*152	16*6	24/28/52R
PET120050	12mm-1/2"	0.5MM(0.020")	2778	9113	240	529	G	406*152	16*6	24/28/52R
PET120060	12mm(1/2")	0.6MM(0.024")	2415	7925	288	635	G	406*152	16*6	24/28/52R
PET120070	12mm(1/2")	0.7mm(0.028")	1890	6200	336	741	B/G	406*152	16*6	24/28/52R
PET160060	16mm(5/8")	0.6MM(0.024")	1653	5425	384	847	B/G	406*152	16*6	24/28/52R
PET160070	16mm(5/8")	0.7mm(0.028")	1417	4650	448	988	B/G	406*152	16*6	24/28/52R
PET160080	16mm(5/8")	0.8mm(0.032")	1240	4069	512	1129	B/G	406*152	16*6	24/28/52R
PET160090	16mm(5/8")	0.9mm(0.035")	1102	3616	576	1270	B/G	406*152	16*6	24/28/52R
PET160100	16mm(5/8")	1.0mm(0.040")	992	3255	640	1411	B/G	406*152	16*6	24/28/52R
PET190100	19mm(3/4")	1.0mm(0.040")	835	2741	760	1675	B/G	406*152	16*6	24/28/52R
PET190127	19mm(3/4")	1.27mm(0.05")	623	2045	965	2128	G	406*152	16*6	24/28/52R
PET190140	19mm(3/4")	1.4mm(0.055")	565	1855	1064	2346	G	406*152	16*6	24/28/52R
PET250100	25mm(1")	1.0mm(0.040")	635	2083	1000	2205	B/G	406*152	16*6	24/28/52R
PET250127	25mm(1")	1.27mm(0.05")	492	1615	1270	2800	B/G	406*152	16*6	24/28/52R
PET320100	32mm(1 1/4")	1.0mm(0.040")	470	1542	1280	2822	B/G	406*152	16*6	24/28/52R
PET320127	32mm(1 1/4")	1.27mm(0.05")	370	1214	1626	3584	B/G	406*152	16*6	24/28/52R

► Jumbo Coils

Specification Model	Size		Length		Breaking Strength		Color	Core ID		Qty/Pit
	Width	Thickness	Meter	Feet	Kgf(Min)	Lbs(Min)	Color	MM	Inch	Roll
PET160090M	16mm(5/8")	0.9mm(0.035")	3858	12658	576	1270	B/G	16*7.5	406*190	5R
PET190127M	19mm(3/4")	1.27mm(0.05")	2181	7156	965	2128	G	16*7.5	406*190	5R
PET190140M	19mm(3/4")	1.4mm(0.055")	1979	6492	1064	2346	G	16*7.5	406*190	5R
PET250127M	25mm(1")	1.27mm(0.05")	1722	5651	1270	2800	B/G	16*7.5	406*190	5R
PET320100M	32mm(1 1/4")	1.0mm(0.040")	1645	5396	1280	2822	B/G	16*7.5	406*190	5R
PET320127M	32mm(1 1/4")	1.27mm(0.05")	1295	4249	1626	3584	B/G	16*7.5	406*190	5R

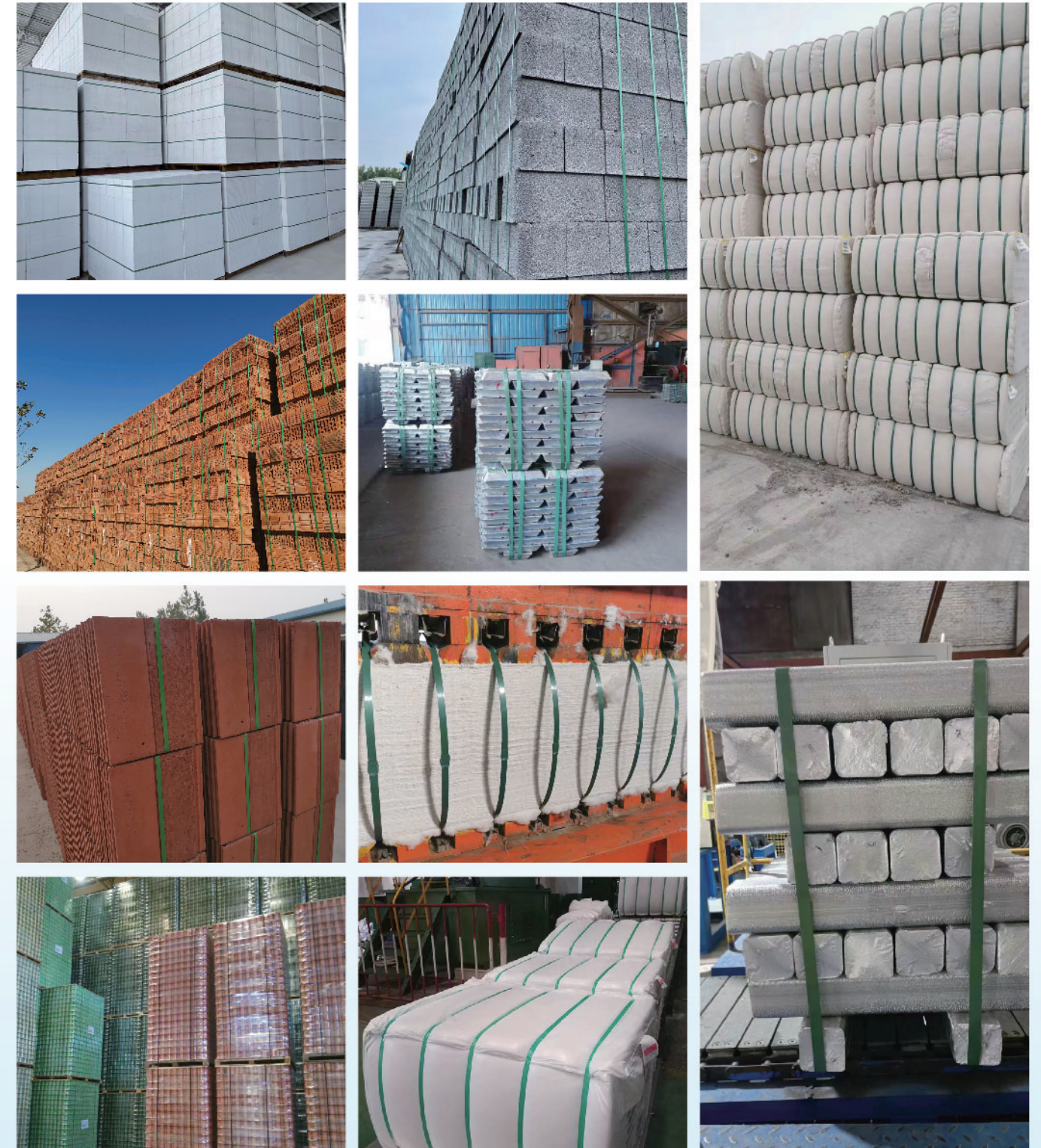
► Super Jumbo Coils

Specification Model	Size		Length		Breaking Strength		Color	Core ID		Qty/Pit
	Width	Thickness	Meter	Feet	Kgf(Min)	Lbs(Min)	Color	MM	Inch	Roll
PET160100S	16mm(5/8")	1.0mm(0.040")	14881	48822	640	1411	B/G	16*12	406*300	3R
PET190100S	19mm(3/4")	1.0mm(0.040")	12531	41113	760	1675	B/G	16*12	406*300	3R
PET250100S	25mm(1")	1.0mm(0.040")	2222	7291	1000	2205	B/G	16*12	406*300	3R
PET320127S	32mm(1 1/4")	1.27mm(0.05")	5550	18210	1626	3584	B/G	16*12	406*300	3R

► Remark:

- **Size:** Width 9-32mm, thickness 0.5-1.5mm can be customized;
- **Color:** Special colors such as red, yellow, blue, green, gray, and white can be customized;
- **Tensile strength:** Our company can produce strap with different tensile levels according to customer requirements;
- Our strapping roll is from 20-330kg per roll, we can print customer's logo on strap;
- **Application:** Our strapping can be used for full-automatic, semi-automatic and hand tool with low skewness, which can be used for different brands of strapping machines.

INDUSTRY APPLICATIONS



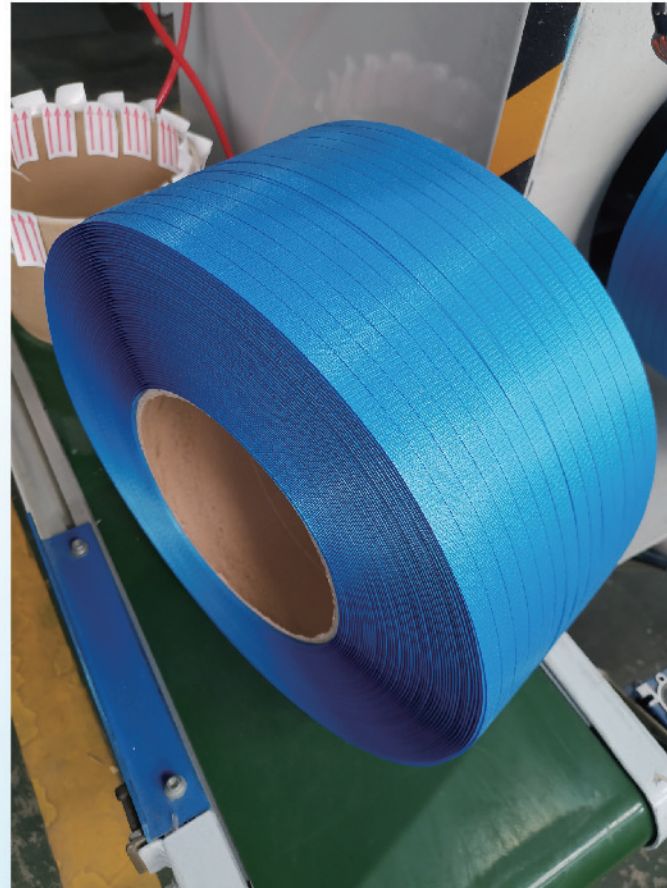
PET PACKAGING TAPE

► Polypropylene (PP) Strapping

Polypropylene Strapping, which is made by polypropylene, is light weighted, environment-friendly;

Application: Polypropylene Strapping is used for automatic strapping machine, semi-automatic strapping machine, and manual strapping machine. It is suitable for packing light weighted cartons or pallets weighing several kilograms to several hundred kilograms.

Raw material: the main raw material of PP strapping is wire drawing grade polypropylene resin, it's transparent color in solid pellets, specific gravity 0.93. **Features:** good plasticity, bending resistance, strong breaking tension, light material, bright color, easy to use.



► Product Parameters

Specification Model	Size		Length		Breaking Strength		Color	Core ID		Qty/Pit
	Width	Thickness	Meter	Feet	Kgf(Min)	Lbs(Min)	Color	MM	Inch	Roll
PP050050	5-1/5"	0.50-0.020"	23000	7000	60	140	W/B/Y/R	200*190	8*7.5	72R
PP090060	9-3/8"	0.60-0.024"	13000	4000	130	300	W/B/Y/R	200*190	8*7.5	72R
PP120060	12-1/2"	0.60-0.024"	9800	3000	170	400	W/B/Y/R	200*190	8*7.5	72R
PP120080	12-1/2"	0.80-0.030"	7400	2250	235	530	W/B/Y/R	406*152	16*6	72R
PP150060	15-5/8"	0.60-0.024"	7900	2400	220	500	W/B/Y/R	200*190	8*7.5	72R
PP150070	15-5/8"	0.70-0.028"	6700	2050	260	580	W/B/Y/R	200*190	8*7.5	72R
PP190060	19-3/4"	0.60-0.024"	6200	1900	280	630	W/B/Y/R	200*190	8*7.5	72R
PP190090	19-3/4"	0.90-0.035"	3300	1000	420	940	W/B/Y/R	200*190	8*7.5	72R

► Remark:

- **Size:** Width 5-19mm, thickness 0.45-1.1mm can be customized;
- **Color:** Special colors such as red, yellow, blue, green, gray, and white can be customized;
- **Tensile strength:** Our company can produce strap with different tensile levels according to customer requirements;
- Our strapping roll is from 3-15kg per roll, we can print customer's logo on strap.
- **Application:** Our strapping can be used for full-automatic, semi-automatic and hand tool with low skewness, which can be used by all brands of packing machines

PET PACKAGING TAPE

► COMPOSITE STRAPPING

Composite strapping, also polyester cord strapping, is made from polyethylene terephthalate as the main raw material through precision processing. It has high tensile strength, good impact resistance, high penetration and good folding ability, and can absorb vibration during transportation. It is a new environmentally friendly packaging material that replaces steel strap for bundling and fixing goods. When used in conjunction with inflatable bags, goods can be greatly protected during transportation.

Composite strapping comes with various types (structure, width, tensile force, tension, strength, etc.) to meet various needs. Different colors can also be provided according to different needs (colors include brown, gray, black, red, green, yellow, and blue), and logos or other information can also be printed.



► Product advantages:

- High strength tensile resistance, capable of withstanding a tensile force of 0.5 to 8.5 tons, suitable for pallets and heavy item bundling.
- It has elasticity, ductility, and resilience after deformation, can absorb impact energy, and will not become loose after the goods shrink or expand, with good wrapping tightness.
- Has good tension retention ability and memory, does not relax for a long time after packaging, and absorbs vibrations during transportation.
- Used with good flexibility, it won't scratch the packaging and won't hurt hands. Even if tied tightly, it won't hurt people when cut open.
- Composite strapping benefits from its softness and toughness, and there are no issues with indentations or scratches on the goods.
- It is not affected by environmental climate, does not rust, corrode, and does not pollute goods, and can be treated as ordinary garbage, which is beneficial for environmental protection.
- The characteristic of Composite strapping is the connection steel buckle, which is a very strong connection method and can be repeatedly tightened. In some applications, the packaging buckle can also be reused.
- Used in conjunction with a tensioner, it has low wear and repair costs, improves packaging efficiency, and saves packaging costs.
- Can be customized processing according to different tension requirements.

► Product application scope:

Composite strapping are widely used in packaging industries such as containers, large machinery, glass, pipe fittings, oil drums, steel, aluminum ingots, wood, paper-making, chemical industry, precision instruments, etc.

► Product Parameters

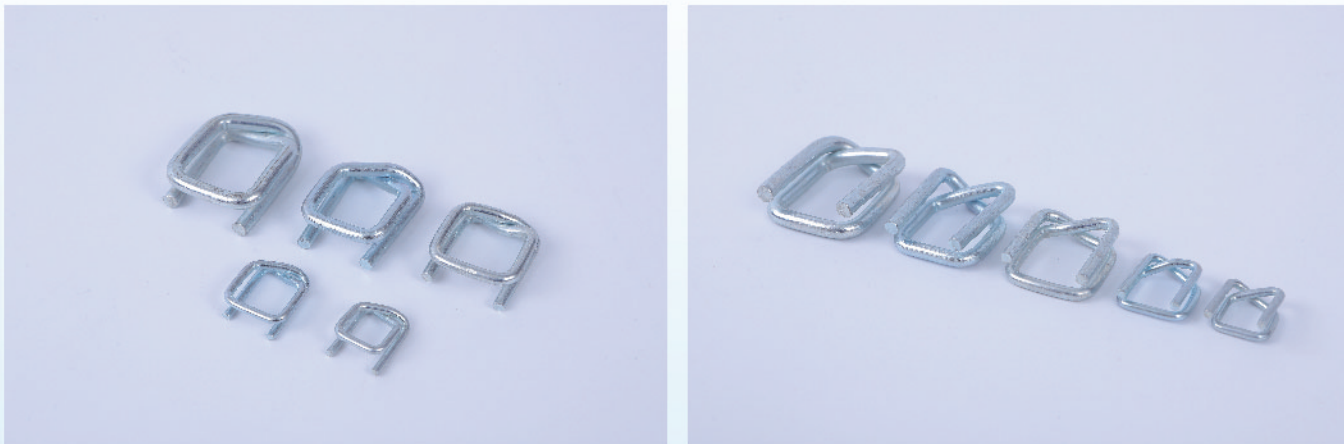
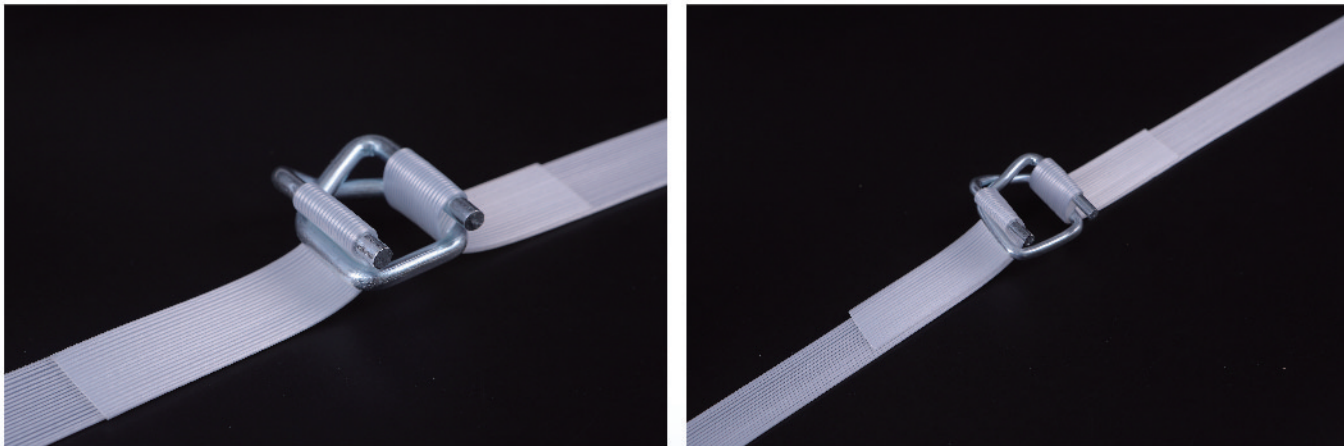
Model	Specifi- cation	Width	Core Diameter	Length		Breaking Strength	
		MM/Inch	MM/Inch	M	Ft	Kgf	Lbs
ORT-13		13(3/8")	200*190/8*7.5"	1100	3600	520	1146
ORT-16		16MM(5/8")	200*190/8*7.5"	850	2800	700	1543
ORT-19		19MM(3/4")	200*190/8*7.5"	500	1640	850	1874
ORT-25		25MM(1")	200*190/8*7.5"	500	1640	1350	2976
ORT-32		32MM(1 1/4")	200*190/8*7.5"	250	820	2300	5071



STEEL WIRE PACKAGING BUCKLE

► Wire Buckles

Steel wire packaging buckles, also known as return buckles or M buckles, are made by large mechanical stamping and have strong tensile strength after different surface treatments such as galvanizing or phosphating. They are the most ideal metal packaging buckles to match polyester fiber flexible packaging belts, PP strapping, PET strapping, woven strapping, and other materials.



► Product Parameters

Item	Unit	Pcs	Diameter	Applicable Composite Strap Width
ORT-1333	Box	1000	520	13MM(3/8")
ORT-1635	Box	1000	700	16MM(5/8")
ORT-1940	Box	1000	850	19MM(3/4")
ORT-2550	Box	500	1350	25MM(1")
ORT-3270	Box	250	2300	32MM(1 1/4")

Selected high-strength steel wire material, sturdy and durable, galvanized design, multiple specifications, support customization

INDUSTRY APPLICATIONS



PET PACKAGING TOOL

► Plastic Strapping Tensioner and Sealer

PP、CORD、PET strap belts combination tools are made of high quality steel alloy in advanced processing manufacture . It is with simple structure, elegant outline, easy operation, long duration and is widely applied to wooden box , paper carton , wood , stone and other materials packing .

- Model :B310 B311 B312 B315 B318
- Strap Width :9mm-19mm3/8"--3/4"
- Strap Thickness :0.4mm-1.0mm
- Dimension :267 x 71 x 135mm
- Weight :1.33kg



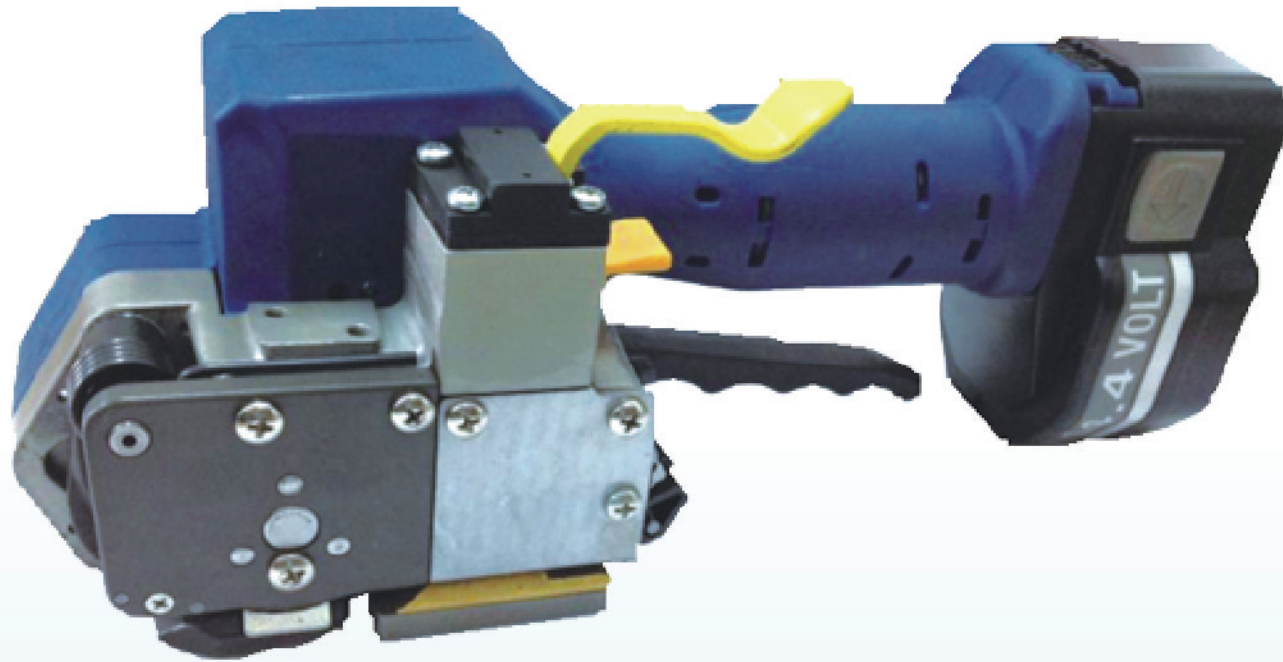
► Product Parameters

Model	Strapping Width	Belt Thickness	Dimension	Weight
C306	13mm/1/2"	0.6mm	400x125x45mm	1.65kg
C307	13mm/1/2"	0.6mm	505x122x45mm	1.85kg
C308	16mm/5/8"	0.6mm	400x125x45mm	1.65kg
C309	16mm/5/8"	0.8mm	400x125x45mm	1.65kg
C310	16mm/5/8"	0.6mm	505x122x45mm	1.85kg
C311	16mm/5/8"	0.8mm	505x125x45mm	1.85kg
C312	19mm/3/4"	0.8mm	505x125x45mm	1.85kg

ELECTRIC PACKAGING TOOLS

▶ T/Z322-323-330 Battery Powered Packing Tool

T/Z322-323-330 PET/PP packing tool adopts lithium battery energy storage as the driving power to tension single packing belt and complete the welding at on time . The product could be movable and no fixed place for packing . It has a smart and elegant outlook and is widely applied to paper , wood , stone , carton , wooden box and other large volume packing operation .



▶ Product Parameters

Model	Max Strap Size	Max Tension Force	Voltage	Dimension	Weight
T322	16x0.6-1.05mm	200kg	220v-110v	335x159x126mm	4.4kg
T323	19 x 0.6-1.05mm	300kg	220v-110v	335x165x135mm	4.5kg
T330	25 x 0.6-1.2mm	600kg	220v-110v	400x140x140mm	5.8kg

STEEL STRIP PACKAGING TOOL

▶ Steel Strapping Tensioner (HB810) Steel Strapping Sealer (HC)

It is steel strapping and seal combination tool, is made of high quality low - carbon alloy - steel in advanced processing manufacture . It is blessed with strength in simple structure , elegant outline , easy operation , long duration and is widely applied in packing wooden boxed steel , aluminum ingot and others .

- Model :HB810
- Belt Width :9mm-19mm
- Belt Thickness :0.3mm-0.8mm
- Dimension :360 x 107 x 87mm
- Weight :2.2kg



▶ Steel Strapping Sealer (HC)

- Model :HC810
- Belt Width :9 3/8"
- Belt Thickness :0.3mm-0.8mm
- Dimension :330 x 155 x 50mm
- Weight :0.83kg



- Model :HC811
- Belt Width :13 1/2"
- Belt Thickness :0.3mm-0.8mm
- Dimension :330 x 155 x 50mm
- Weight :0.83kg



- Model :HC812
- Belt Width :165/8"
- Belt Thickness :0.3mm-0.8mm
- Dimension :330 x 155 x 50mm
- Weight :0.83kg



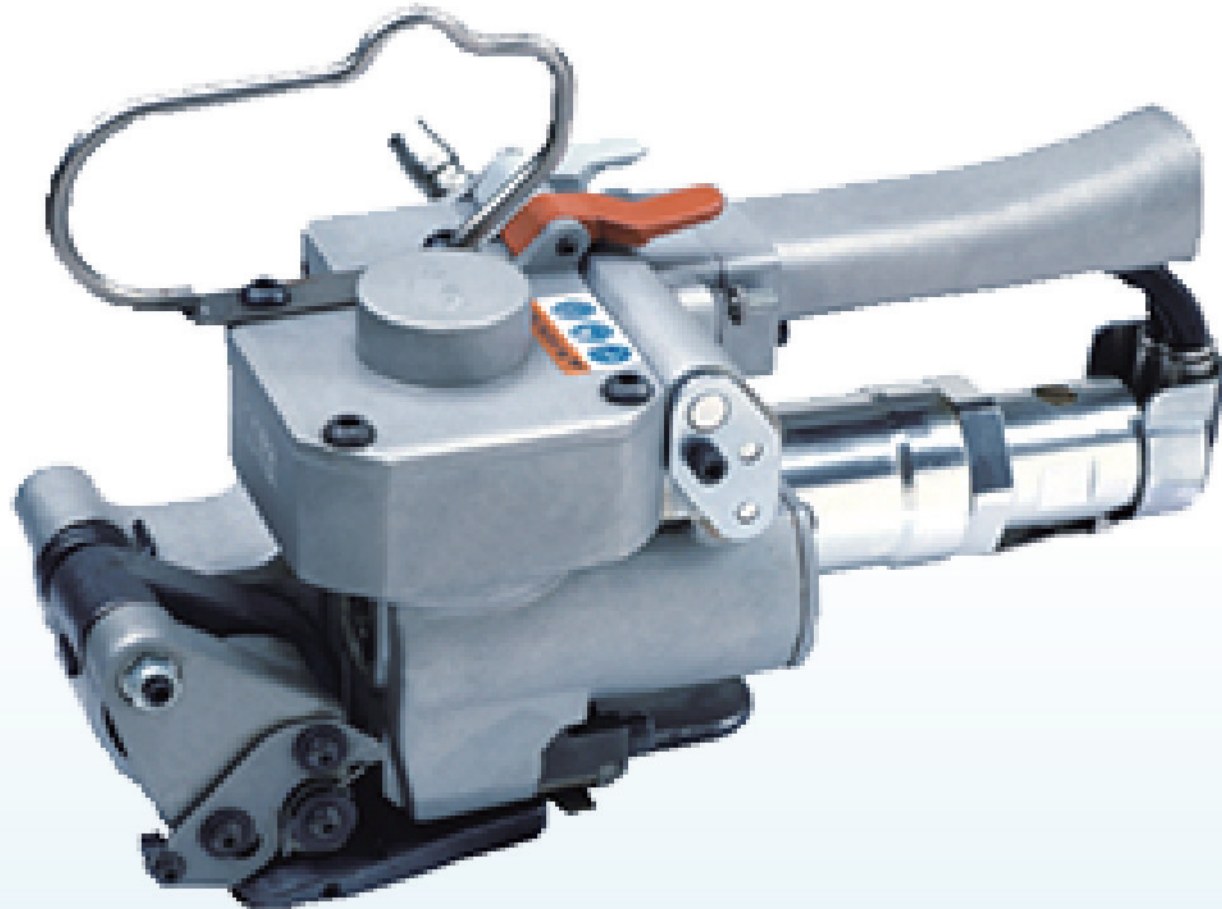
- Model :HC813
- Belt Width :193/4"
- Belt Thickness :0.3mm-0.8mm
- Dimension :330 x 155 x 50mm
- Weight :0.83kg



PNEUMATIC PACKAGING MACHINE

▶ ORT-19E-25E Pneumatic Packing Tool

ORT -19E-25E PET Pneumatic Packing Tool adopts high pressure air supply to tension and friction welding at high speed and finish the packing at one time . It is swift and tidy with flat and tact welding point , and is widely applied to light steel industry , metal , paper -- making , stone and wood material packing tools .



▶ Product Parameters

Specifica- tion Model	Max Strap Size	Max Tension Force	Average Air Pressure	Dimension	Weight
ORT -19E	19x1.0mm	259kg	0.65Mpa	280x160x180mm	3.8kg
ORT -25E	25x1.2mm	259kg	0.65Mpa	280x160x180mm	3.8kg

FIBER TAPE PACKAGING TOOL

▶ JPQ19 Composite Strap Tensioner

Composite strap tensioner is made of high quality low - carbon steel alloy in advanced processing manufacture . It is with simple structure , elegant outline , easy operation , long duration and is widely applied to special products such floor , wood -- aluminum frame material , organic glass and others packing.



JPQ19

JPQ25

JPQ32

JPQ40

JPQ50



▶ Product Parameters

Specifica- tion Model	Belt Width	Belt Thickness	Dimension	Weight
JPQ19	12mm-19mm	0.4mm-1.0mm	265x65x150mm	1.2kg
JPQ32	25mm-32mm	0.6mm-1.2mm	300x85x165mm	1.9kg