YIYI MESH BELT

PRODUCT OVERVIEW

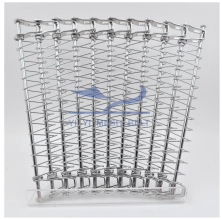
12 BELT FAMILIES, MADE TO DRAWING

What each belt is, its main parameters and what to send us

PROVEN · STABLE · VERIFIED



Metal conveyor belts we make



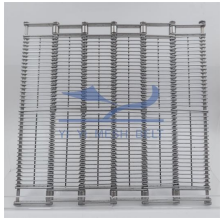
1
Spiral freezer belt
For spiral and turning systems.



2
Self-stacking belt
Belts that stack without a cage.



3
Side driven belt
Driven and guided from the side.



4
Eye link belt
Open structure with cross rods.



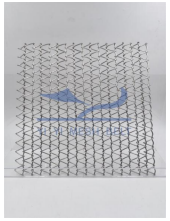
5
Chain driven belt
Mesh carried on side chains.



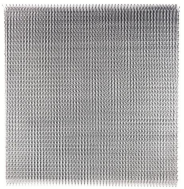
6
Plate link belt
Plates on chains and rods.



7
Flat wire belt
Honeycomb strips and rods.



8
Balanced weave belt
Woven spirals and crimp wires.



9
Compound weave belt
Dense weave for small products.

What each belt family is used for

Start from your equipment and drive. Final dimensions always follow your approved drawing.

Belt family	Typical use
Spiral freezer belt	Spiral and turning conveyor systems
Self-stacking belt	Self-supporting, self-stacking spiral systems
Side driven belt	Side-drive and side-guided systems
Eye link belt	Open structure with reinforcement or accessories
Flat wire / honeycomb belt	Industrial and processing conveyors
Chain driven belt	Equipment driven by side chains
Chain plate / plate link belt	Plate and chain conveyor systems
Balanced weave belt	Industrial and processing conveyors
Compound weave belt	Dense woven continuous conveying
Biscuit belt	Bakery and oven projects
Trapezoidal (flex) belt	Structured-wire conveyors
Drive sprockets and components	Matched to the belt, shaft and equipment

How you can check: not sure which family you have? Send a photo of the belt and the drive.

Spiral freezer belt

For spiral and turning conveyor systems. What buyers check: drum size, turn direction, geometry.

Material SUS304 / SUS316

Spiral pitch 5–23 mm

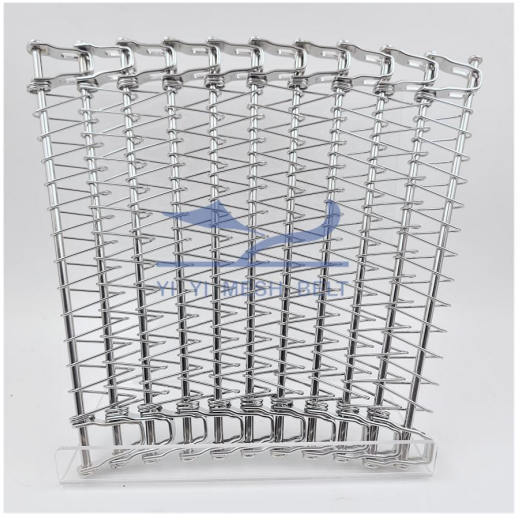
Rod pitch 19.05 / 25.4 / 27 / 27.4 / 38.1 / 40 mm

Rod diameter 5 / 6 mm or custom

Spiral wire 1.2–1.8 mm

Edge Button, flat-hat, rod welded, button cap, clinched

Every order Drum test before shipment



Spiral freezer belt



Drum test

How you can check: send the drum diameter, turn direction, belt width and old-belt photos.

Self-stacking belt

For self-supporting spiral systems. What buyers check: tier plate fit, stacking, turning.

Material SUS304 / SUS316

Spiral pitch 6 / 9 / 13 mm

Rod pitch 30 mm

Rod diameter 5 mm

Width 420 / 580 / 640 / 660 / 760 mm

Every order Hand-stacked and checked at the turning diameter



Self-stacking belt



Stacking engagement check

How you can check: send a short section of your old belt; see our self-stacking case studies.

Side driven belt

Driven and guided from the side. What buyers check: side-drive matching, components, equipment fit.

Material SUS304 / SUS316

Spiral pitch 5–23 mm

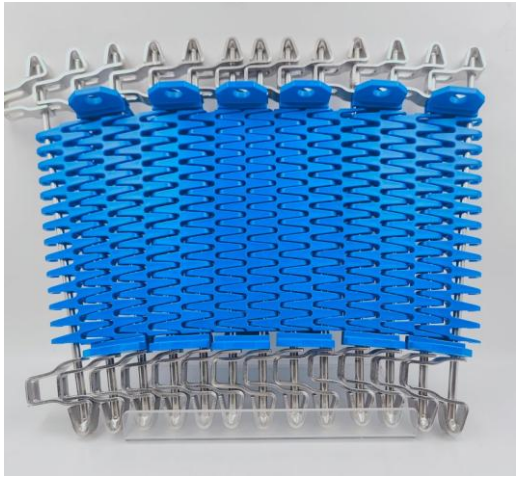
Rod pitch 31.75 / 34 mm

Rod diameter 6 mm

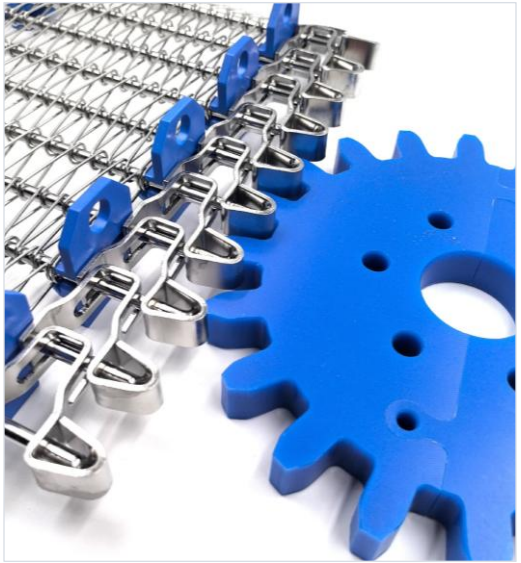
Spiral wire 1.2–1.8 mm

Width 300–1100 mm or custom

Every order Drum test before shipment



Side driven belt



Side links on the sprocket

> **How you can check:** send photos of your sprockets and the drum size.

Eye link belt

Open structure with cross rods. What buyers check: link structure, reinforcement, cross rod, edge.

Material Mild steel / SUS304 / SUS316

Rod pitch 25.4 / 50 / 50.8 / 76.2 mm or custom

Cross rod 5 / 6 / 8 mm or custom

Eye / link wire 1.6 / 2 / 2.5 mm

Width 300–3000 mm or custom

Edge Roller chain or reinforced plate



Eye link belt



Production in our workshop (faces blurred)

How you can check: send the link layout, reinforcement positions and edge type.

Flat wire / honeycomb belt

Flat strips connected by cross rods. What buyers check: strip size, rod relationship, edge.

Material SUS304 / SUS316 / SUS316L / mild steel

Flat-wire pitch 12.7–40 mm or custom

Rod pitch 12.7 / 25.4 / 27.4 / 38.1 / 50.8 mm or custom

Rod diameter 3 / 4 / 5 / 6 / 8 mm

Width 200–4000 mm or custom

Edge Washer welded, clinched, rod welded



Flat wire / honeycomb belt

How you can check: send the opening count across the width and the strip size.

Chain driven belt

Mesh carried on side chains. What buyers check: chain matching, sprocket matching, drive stability.

Material SUS304 / SUS316 / carbon steel

Mesh pitch 3–20 mm

Wire 1–3 mm

Chain pitch 12.7 / 15.875 / 25.4 / 31.75 / 38.1 / 50.8 / 63.5 mm

Chain models #40 / #50 / C2042 / C2052 / C2062 / C2082 / C2102

Width 300–5000 mm or custom



Chain driven belt



Automatic chain assembly

How you can check: send the chain model, chain centres and sprocket details.

Chain plate / plate link belt

Plates on chains and rods. What buyers check: plate structure, chain and sprocket matching.

Material SUS304 / SUS316 / mild steel

Plate pitch 25.4 / 31.75 / 38.1 / 50.8 / 63.5 mm

Plate thickness 1–2.5 mm

Rod 5 / 6 / 8 / 10 mm

Chain pitch 25.4 / 31.75 / 38.1 / 50.8 / 76.2 mm

Width 300–4000 mm or custom



Plate link belt

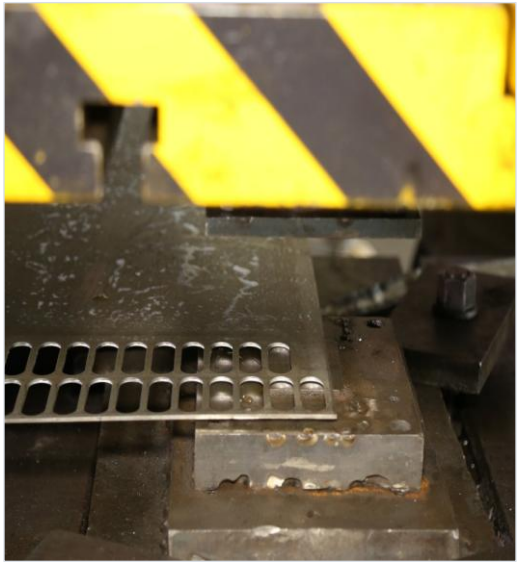


Plate punching

How you can check: send the plate pattern, chain pitch and side-guard height.

Balanced weave belt

Woven spirals and crimp wires. What buyers check: mesh structure, wire size, pitch.

Material SUS304 / SUS316 / mild steel

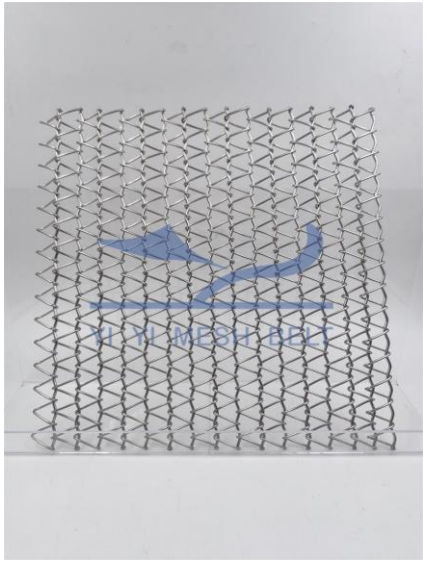
Spiral pitch 2.8–40 mm

Spiral wire 1–3.2 mm

Crimp wire pitch 5–50.8 mm

Width 200–5000 mm or custom

Edge Welded or clinched



Balanced weave belt



Belt on sprocket check

How you can check: send a short sample of your old belt; we measure it and draw it.

Compound weave belt

Dense weave for small products. What buyers check: mesh density, structure accuracy, material.

Material SUS304 / SUS316 / mild steel

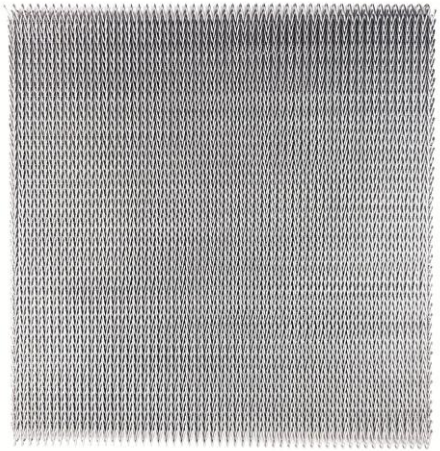
Spiral pitch 6–20 mm

Spiral wire 1.2–3 mm

Rod pitch 6–20 mm

Width 200–3000 mm or custom

Edge Welded



Compound weave belt



Compound weave forming

How you can check: send the wire section and the number of spirals per width.

Biscuit belt and trapezoidal (flex) belt

Biscuit belts for bakery and oven projects; flex belts selected by pitch, wire, space count and width.

Biscuit belt Bakery and oven projects; parameters confirmed per project.

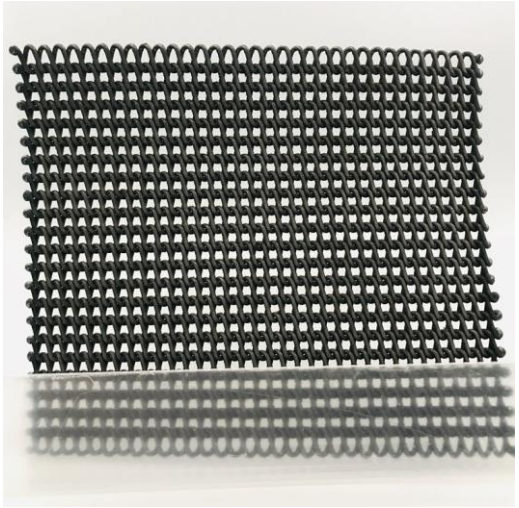
Flex belt material SUS304 / SUS316

Flex belt pitch 4–23.8 mm or custom

Flex belt wire 1–2.8 mm

Flex belt width 76–2352 mm or custom

Flex belt edge Single loop (SLE) or double loop (DLE)



Biscuit belt



Trapezoidal (flex) belt

How you can check: send the oven or conveyor data and photos of the old belt.

Drive sprockets and related components

Matched to your belt, shaft and equipment. What buyers check: tooth geometry, bore, keyway.

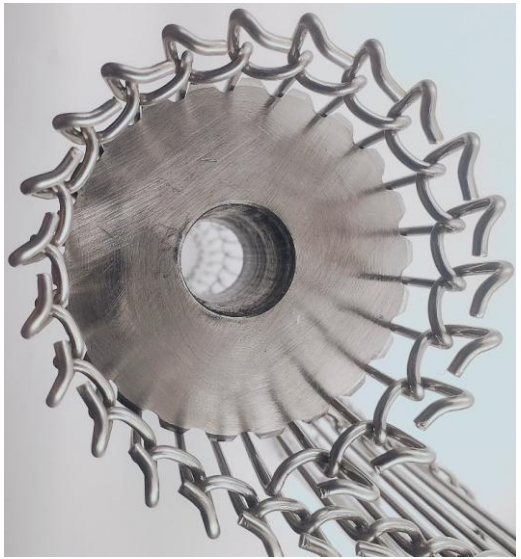
Materials SUS304 / SUS316 / carbon steel / UHMW-PE / nylon / POM

How Machined by specialist partners to our drawing and inspected by YIYI before packing

Checked Bore, keyway, thickness, outside diameter and engagement with the belt



Belt wrapped on a sprocket



Sprocket matching check

How you can check: send the sprocket drawing or an old sprocket with the belt data.

What to send for a quotation

One message with these details saves several rounds of questions.

Item	Detail
Purpose	New equipment, a belt made to your sample, or a spare
Belt	Family, width and length (mm / in), material
Structure	Pitch, wire, rod, edge — or a drawing
Drive	Sprocket, drum, chain or friction; drum diameter for spiral belts
Conditions	Product, temperature, load, washing
Old belt	Photos, or a short section for measuring

How you can check: we reply with written questions for anything missing — within 8 working hours.

YIYI MESH BELT

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Metal Conveyor Belt Manufacturer

for OEMs & Professional Distributors

Email: info@yiyimeshbelt.com

Phone / WhatsApp: +86 134 5177 3742

Website: www.yiyimeshbelt.com
www.yiyimeshbelts.com

Company: Ningjin Yiyi Mesh Belt Co., Ltd.

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Send your drawing or old-belt photos

- Belt family and application
- Width and length (mm / in)
- Pitch, wire, rod and edge
- Drive and operating conditions
- Drawing, old belt or photos

Request a Drawing Review