TECHNICAL SPECIFICATION

Biscuit Belt

Belt types, specification ranges, options and the fit checks done before quotation. Reference values from projects; final values follow the drawing confirmed for your line.

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TWO EDGE TYPES

01 Welded or Looped Edge: Which Biscuit Belt Does Your Oven Need?

Both give a dense, flat surface for biscuits and crackers. The edge decides how the belt runs against your guides — and edge names differ between suppliers, so it is confirmed from your photos.

Welded edge

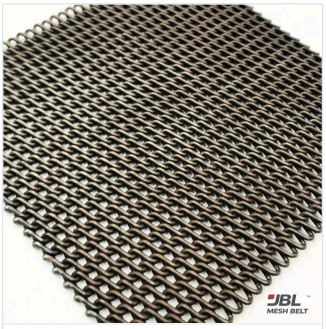
Welded	Flat	300–1400
spiral ends	surface	mm wide



Welded edge example



Fine mesh surface



Mesh surface, angled

Looped (clenched) edge

Looped	Per photo	Dense
spiral ends	geometry	support



Looped edge example



Mesh and edge detail



Crackers on the belt

SPECIFICATIONS & OPTIONS

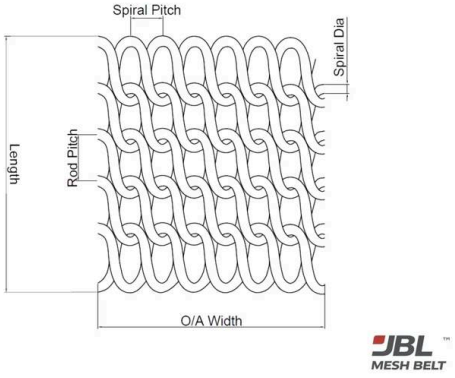
02 Biscuit Belt Specifications: Spiral Pitch, Rod Pitch, Wire, Thickness and Width

Compare your old belt with this table. Spiral pitch, rod pitch and overall width are enough to start — every value in mm and inches, confirmed on your project drawing.

SPIRAL PITCH	ROD PITCH	ROD WIRE	BELT WIDTH
3.2–4.5 mm	**3.9–6.8 mm**	**1.0–1.5 mm**	**300–1400 mm**
0.126–0.177 in	0.154–0.268 in	0.039–0.059 in	11.81–55.12 in

Dimension drawing and table

Biscuit belt



Drawing label	Reference (mm / in)
Material	Carbon steel / SUS304 / SUS316
Spiral pitch	3.2 / 3.65 / 4 / 4.3 / 4.4 / 4.5 mm (0.126–0.177 in)
Rod pitch	3.9 / 5.2 / 5.4 / 6.7 / 6.8 mm (0.154–0.268 in)
Rod diameter	1.0 / 1.2 / 1.3 / 1.4 / 1.5 mm (0.039–0.059 in)
Belt thickness	2 / 2.4 / 2.6 / 2.8 / 3 mm (0.079–0.118 in)
Belt width	300–1400 mm (11.81–55.12 in)

Drawing label	Reference (mm / in)
Belt length	Custom
Edge	Welded / looped (clenched) — geometry per photo or drawing
Measuring	Direction and repeat of each pitch confirmed on the drawing
Drive & support	Drums, guides and any sprockets per project

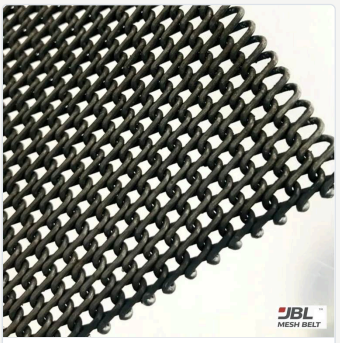
Use the drawing to tell us which dimensions you can measure. Final values follow the confirmed project drawing.

Choose your options

Edge



Welded edge



Looped edge



Mesh and edge detail

Send a close-up photo of your old belt edge — edge names differ between suppliers.

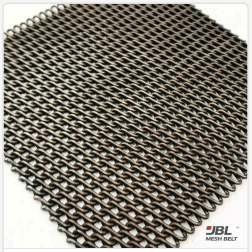
Mesh surface



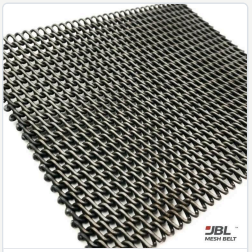
Dense spiral weave



Fine mesh surface



Mesh surface, angled



Spirals and rods

Applications



Biscuits



Crackers

Biscuit production, bakery ovens and continuous food conveying. Product size, baking temperature, support and drive are confirmed for your line.

Measured readings



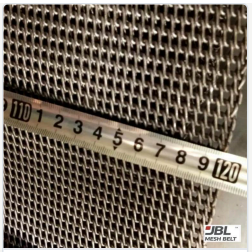
Wire Ø 1.50 mm (0.059 in)



Spiral wire Ø 1.50 mm



Spiral outer Ø 7.83 mm (0.308 in)



Width 1200 mm (47.24 in)

FIT CHECK · PITCH, EDGE AND FLATNESS FIRST

03 Will the New Belt Match Your Old One — and Bake Evenly?

Looking the same is not enough. Spiral pitch and rod pitch measured the same way, the edge — welded or looped — and a flat surface decide whether the new belt matches your oven and supports the product evenly. They are checked first, before you get a quotation.

REPLACEMENT & REPEAT ORDER

Replacing or re-ordering a biscuit belt

YOU SEND

A sample or close-up photos with a tape, the overall width and thickness, and the edge.

WE CHECK FIRST

Spiral pitch and rod pitch measured the same way as your old belt, which wire the diameter refers to, and the edge geometry.

YOUR OVEN

Drums, guides and any sprockets checked against the belt; working temperature confirmed for the material.

YOU GET

Before quoting: a drawing of the belt to match your old one, with pitches, edge and width confirmed.

NEW LINE

Supplying a belt for a new oven line

YOU SEND

Product size, baking temperature, belt width and length, and the oven layout.

WE CHECK FIRST

Mesh density for your product, material for the temperature, edge and flatness.

YOUR OVEN

Drive and support — drums, guides, sprockets — confirmed on the drawing.

YOU GET

A confirmed drawing and a first-article check of pitch, width and flatness before bulk.

Get a fit answer

- ✓ Sample or close-up photos
- ✓ Spiral pitch and rod pitch (direction)
- ✓ Wire diameter — spiral or rod
- ✓ Overall width, thickness and length
- ✓ Edge: welded or looped
- ✓ Baking temperature and material
- ✓ Drums, guides and sprockets

Usually reply within 8 hours

How to measure an old belt →

Send a drawing, an old belt section or photos with a caliper in the picture.

An engineer replies with what fits, what is missing and the next step — usually within 8 hours.

info@jblmeshbelt.com · WhatsApp +86 138 1487 2506 · www.jblmeshbelts.com

JBL Mesh Belt — Jin Bei Li Metal (Suzhou) Co., Ltd. Reference document; project values are confirmed in writing before production.