TECHNICAL SPECIFICATION

Compound Weave 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 WIRE TYPES

01 Round Wire or Flat Wire: Which Compound Weave Belt Does Your Line Need?

Both nest several spirals on each rod for dense, stable support. Round wire is the usual build; flattened spiral wire gives a flatter top surface where the product needs it.

Round wire compound weave

Dense	1.2–3 mm	Welded
support	spiral wire	edge



Round wire, dense weave



Round wire, top view



Spiral rows

Flat wire compound weave

Flat	Custom	Per drawing
top surface	width × thickness	wire size



Flat wire weave



Flattened spirals



Flat wire, angled

SPECIFICATIONS & OPTIONS

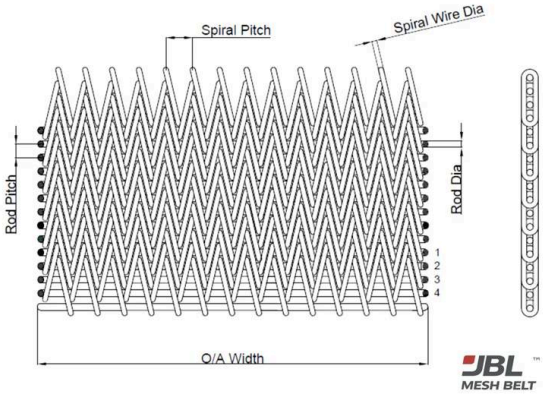
02 Compound Weave Belt Specifications: Spiral Pitch, Rod Pitch, Wire and Width

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

SPIRAL PITCH	ROD PITCH	WIRE	BELT WIDTH
6–20 mm	**6–20 mm**	**1.2–3 mm**	**200–3000 mm**
0.236–0.787 in	0.236–0.787 in	0.047–0.118 in	7.87–118.11 in

Dimension drawing and table

Compound weave belt



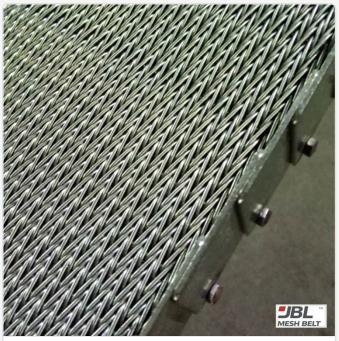
Drawing label	Reference (mm / in)
Material	SUS304 / SUS316 / mild steel
Rod arrangement	Spirals per rod, per sample or drawing
Spiral pitch	6–20 mm (0.236–0.787 in)
Spiral wire	Round 1.2 / 1.3 / 1.4 / 1.5 / 1.6 / 1.8 / 2.0 / 2.5 / 3 mm, or flat wire (custom width × thickness)
Rod pitch	6–20 mm (0.236–0.787 in)

Drawing label	Reference (mm / in)
Rod diameter	1.5–3 mm (0.059–0.118 in), confirmed on the drawing
Belt width	200–3000 mm (7.87–118.11 in), custom
Belt length	Custom
Edge	Welded; side guard or bent on both sides, per drawing
Sprockets	Optional; tooth count, bore and keyway per drawing

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

Choose your options

Edge & guards



Side guard



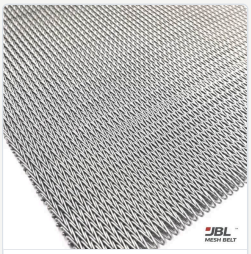
Bent on both sides



Welded edge

Side-guard dimensions and bend geometry follow the project drawing.

Round or flat wire



Round wire, dense surface



Round wire, angled



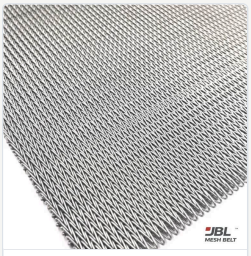
Flat wire weave



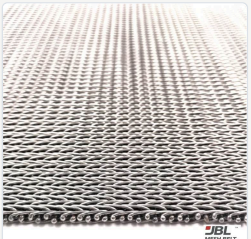
Flattened spiral wire

Flat wire width and thickness are custom and confirmed on the drawing.

Weave views



Dense surface



Flat mesh



Edge-on view



Spiral rows

Sprockets & material



SUS304 compound weave



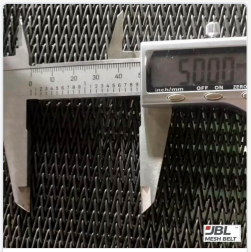
Dense mesh, edge-on

SUS304 or SUS316 for food and humid lines; mild steel for dry lines. Sprockets can be supplied — tooth count, bore and keyway follow the drawing, and the drive method is confirmed for each configuration. **Sprockets →**

Measured readings



Spiral pitch 6.01 mm (0.237 in)



10 pitches 50.00 mm (1.969 in)



Wire Ø 1.20 mm (0.047 in)



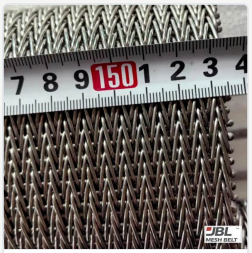
Wire Ø 1.30 mm (0.051 in)



Wire Ø 1.60 mm (0.063 in)



Width 620 mm (24.41 in)



Width 1535 mm (60.43 in)



Width 1710 mm (67.32 in)

FIT CHECK · ROD ARRANGEMENT AND DRIVE FIRST

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

Looking the same is not enough. Rod arrangement, spiral pitch and rod pitch decide whether the new belt matches your old one, and the drive must be confirmed for this structure. They are checked first, before you get a quotation.

REPLACEMENT & REPEAT ORDER

Replacing or re-ordering a compound weave belt

YOU SEND

A sample or close-up photos of the old belt with a tape over 10 pitches, and the edge and drive.

WE CHECK FIRST

Rod arrangement, spiral pitch, rod pitch, wire sizes and the width measurement points — on your old belt.

YOUR DRIVE

Drive method and sprocket compatibility confirmed for this configuration; sprockets matched to the drawing if needed.

YOU GET

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

NEW LINE

Supplying a belt for a new line

YOU SEND

Product, temperature, load, belt width and length, and the drive layout.

WE CHECK FIRST

Whether a compound structure suits the product and equipment, then rod arrangement, pitch, wire and edge.

YOUR DRIVE

Drive method and sprockets confirmed on the drawing; bore and keyway per project.

YOU GET

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

Get a fit answer

- ✓ A sample or close-up photos
- ✓ Spiral pitch and rod pitch
- ✓ Spiral wire: round or flat, size
- ✓ Rod diameter
- ✓ Belt width (measurement points) and length
- ✓ Edge: welded, side guard, bent sides
- ✓ Drive type and sprocket details

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.

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