QUALITY CONTROL & SHIPMENT RELEASE

Balanced Weave Belt

What is checked before your belt ships, the problems each check prevents, and how the belt is packed.
Photos and readings come from real projects; checks are confirmed per project.

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PROJECT QC GATES

04 How Is a Balanced Weave Belt Verified Before Shipment?

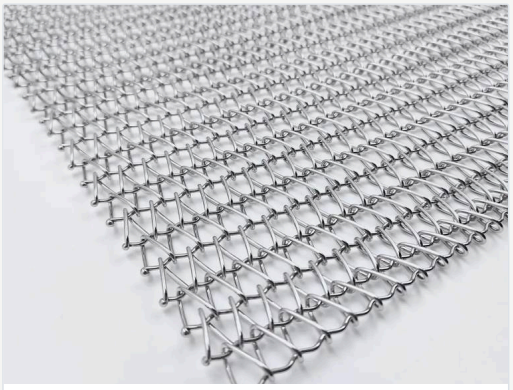
Four checks that matter to you: pitch and wire measured, every weld checked, a flat straight mesh, and a run on its sprocket. You see photos and video before it ships.



01

Pitch and wire measured

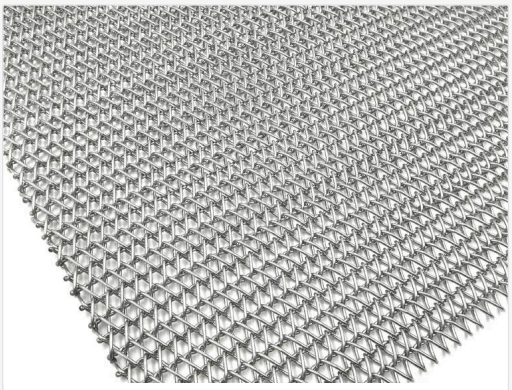
Spiral pitch, crimped wire pitch, wire diameters and width measured over 10 pitches, at several points.



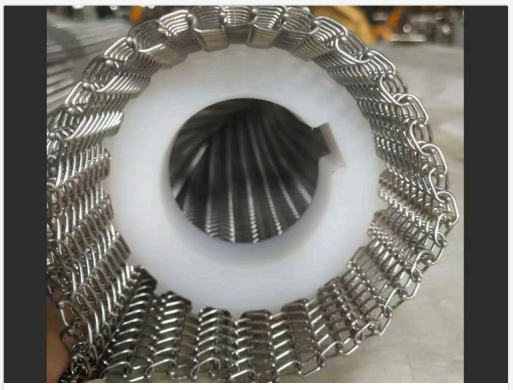
02

Every weld checked

Edge welds checked one by one — even, with no lap or missed welds; clinched edges checked closed.



03



04

Flat, straight mesh

Mesh checked flat and straight; overall width measured at several points so the belt tracks.

Run on its sprocket

Sprocket-driven belts are run on a sprocket to check that every spiral engages the teeth.

Also checked: a complete first article before bulk · wire hardness for your drive · joining wires packed for sectioned belts · mild steel lightly oiled.



Sprocket rolling on the belt — real footage



Teeth seating in the spirals

See the teeth seat before it ships

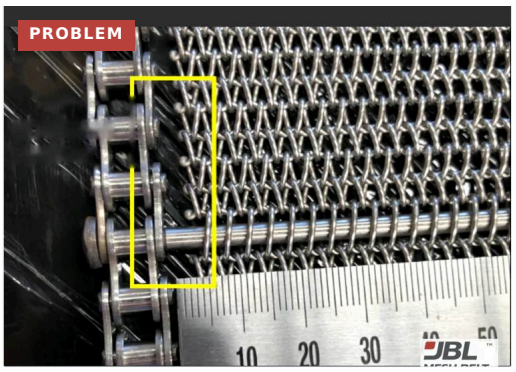
A sprocket-driven belt is only right if every spiral seats on the teeth. The sprocket is rolled over your belt and run with it — and the video is sent to you before the crate is closed.

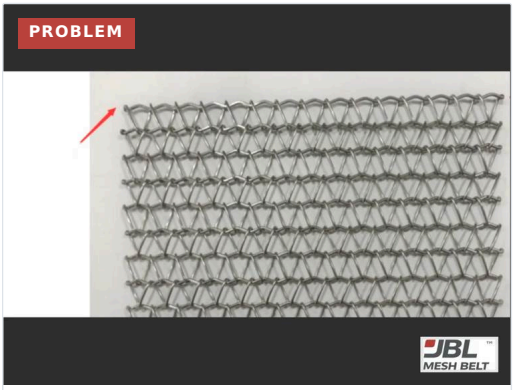
ENGINEERING EXPERIENCE

05 Problems You May See on a Balanced Weave Belt — and How They Are Prevented

A belt that slips on the sprocket, a mesh that stops short of the chain, sections that cannot be joined or oil on your product means a stopped line. Each one has a check before your belt ships.



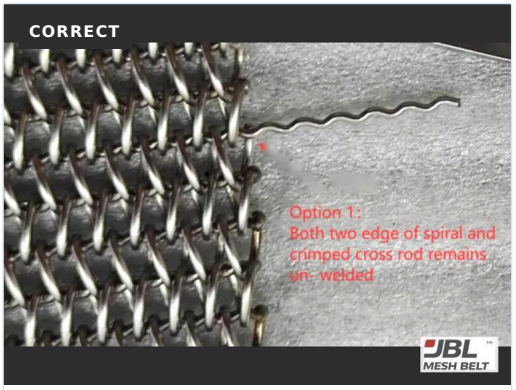




Sections without joining wires

Short sections with every spiral welded (arrow) cannot be connected on site.

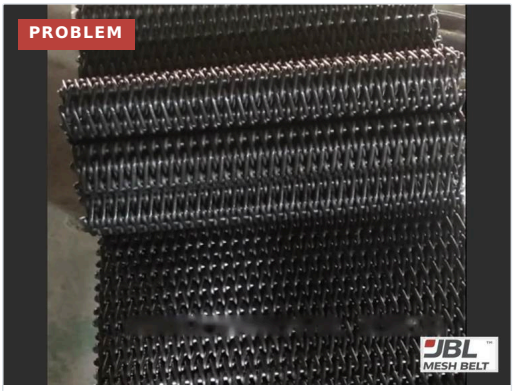
✓ **Joining wires confirmed at order for sectioned belts.**



Removable joining wire left

Correct for sectioned belts: spiral and crimped wire left un-welded at both edges so sections can be joined.

✓ **Section ends checked for joining wires, as many as the order specifies.**



Mild steel over-oiled

Too much rust-preventive oil seeps out in transit and marks product or packaging.

✓ **A thin, even coat only — checked by eye and hand before packing.**

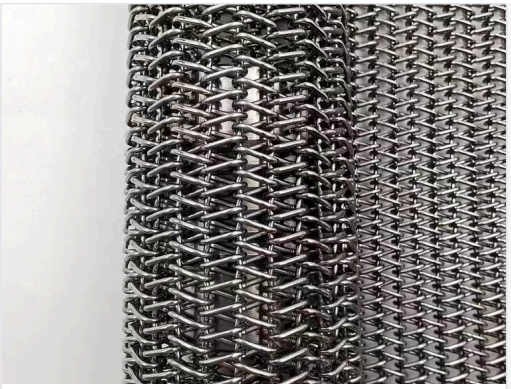
06 SHIPMENT RECORDS
What Arrives at Your Plant

Your belt arrives rolled and wrapped in an export crate, with joining wires packed for sectioned belts. Real shipments; order numbers hidden.



Rolls in the crate

Each roll wrapped and labelled.



Checked on its sprocket

Run on a sprocket before packing.



Spare and joining wires

Packed with the rolls they fit.

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.