QUALITY CONTROL & SHIPMENT RELEASE

Chain-Driven Belt

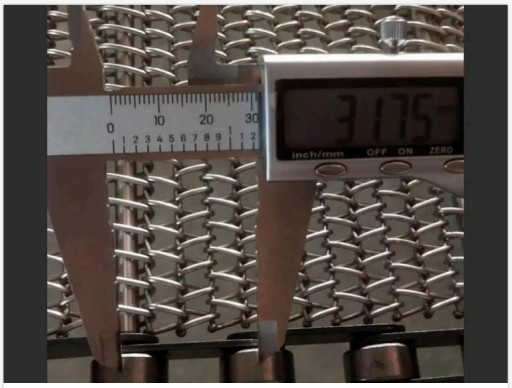
What is checked before your belt ships, the problems each check prevents, and how the belt is packed.
Photos and readings come from real projects; checks are confirmed per project.

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PROJECT QC GATES

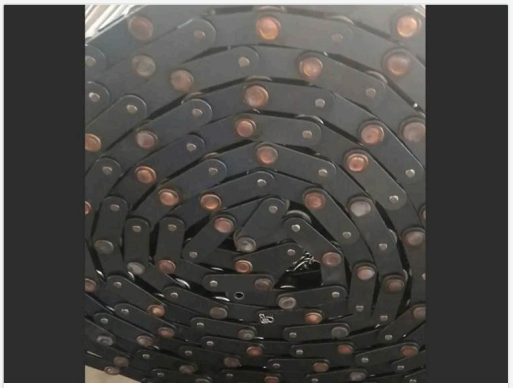
04 How Is a Chain-Driven Belt Verified Before Shipment?

Four checks that matter to you: chain and mesh measured, welds and edges checked, a flat even mesh, and accessories fitted to the drawing. You see photos and video before it ships.



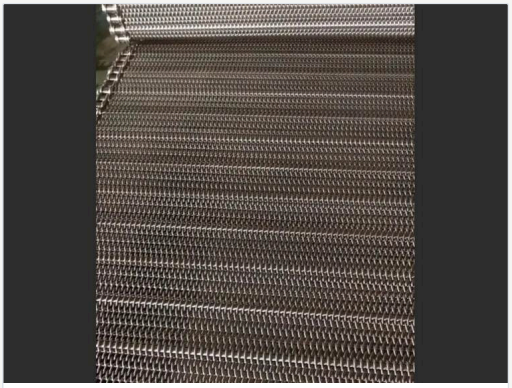
01
Chain and mesh measured

Chain pitch, roller, plate height and inner width, rod, rod pitch, spiral wire and width measured against your drawing.

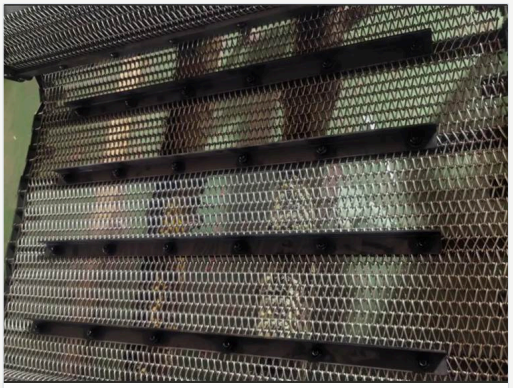


02
Welds and edges checked

Welds smooth and even — no lap, missed or weak welds; edges not burned or blackened.



03
Flat, even mesh



04
Accessories fitted

Mesh surface and edges checked along the belt; spiral pitch and rod pitch measured over 10 pitches.

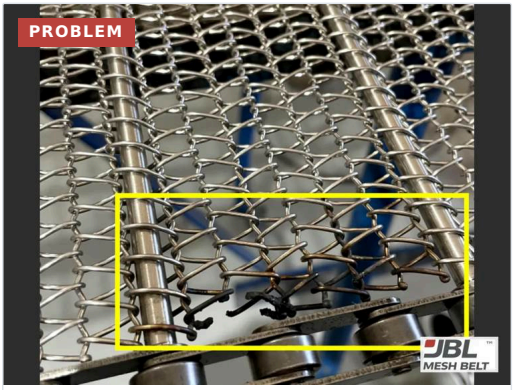
Flights, side guides and side plates fitted and checked against the drawing before packing.

Also checked: a complete first article before bulk production · material confirmed against your order · chain connectors, rods and washers counted · carbon steel lightly oiled.

ENGINEERING EXPERIENCE

05 Problems You May See on a Chain-Driven Belt — and How They Are Prevented

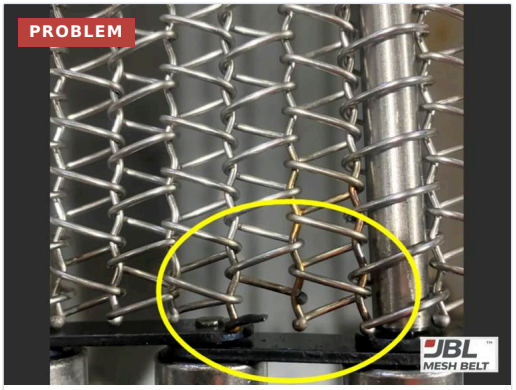
A burned edge, extra washers, a deformed edge or a broken chain link means a stopped line and downtime. Each one has a check before your belt ships.



Mesh edge burned at the weld

Overheated welding burns and breaks the spiral wire at the edge (box).

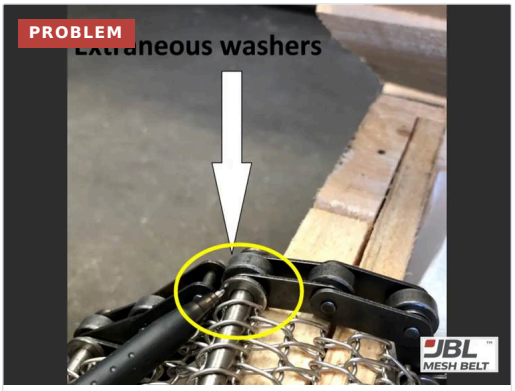
✓ **Edges checked for burning or blackening; welds smooth and even.**



Blackened edge

Heat-blackened wire next to the chain (circled) — weak and unsightly on a food line.

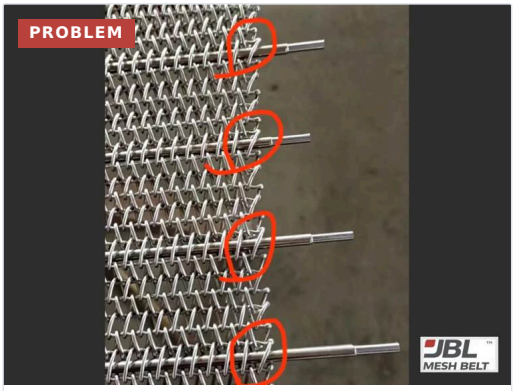
✓ **Edge colour and wire checked along the whole belt before packing.**



Extraneous washers

Inner washers welded where the design calls for none (circled) — the mesh no longer seats against the chain.

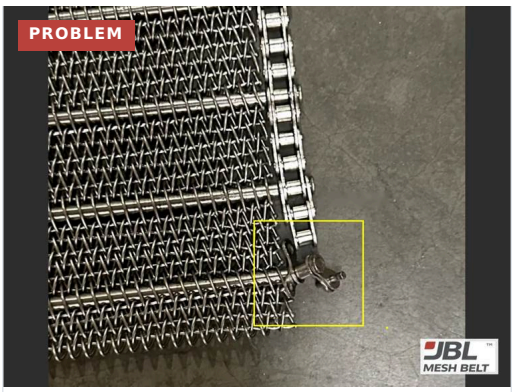
✓ **Washer layout set on the drawing and checked on the first article.**



Deformed mesh edge

Spiral wire bent out of line at the rod ends (circled), so the edge does not run evenly.

✓ **Mesh edge checked straight at every rod end.**



Broken chain link

A chain link that has broken away from the rod (box) stops the line.

✓ **Chain, rod ends and connectors checked; chain connectors packed and counted**

06 SHIPMENT RECORDS
What Arrives at Your Plant

Your belt arrives rolled or laid flat in a lined export crate, with spare rods, washers and chain connectors counted and packed. Real shipments; order numbers hidden.



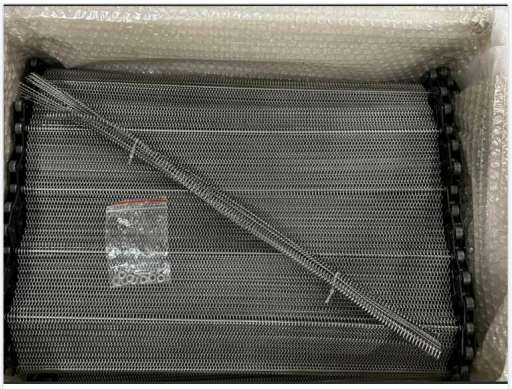
Rolled with its chains

Rolled so the chain edges are protected.



Rolls wrapped

Each roll wrapped and labelled.



Spare rods and washers

Laid flat in a lined crate with spare rods and washers.

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.