QUALITY CONTROL & SHIPMENT RELEASE

Z-Type Ladder 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 Z-Type Ladder Belt Verified Before Shipment?

Four checks that matter to you: pitch and wire, loop width and spaces, overall width, and a run on its sprocket. You see the photos before it ships.



01
Pitch and wire measured

Pitch averaged over 10 pitches and wire diameter measured with a caliper against the drawing.



02
Loop width and spaces

Loop width measured and the spaces counted — odd, as confirmed on your order.



03
Overall width and length



04
Run on its sprocket

Overall width and section length measured with a tape at several points.

The belt is run on sprockets to check every wire seats and the belt tracks straight.

Also checked: edge type against your photo · belt clean and dry, wiped with a white glove · no tags or labels left · sleeves counted · no Chinese text on inner or outer packing.



Sprocket running test — real shipment

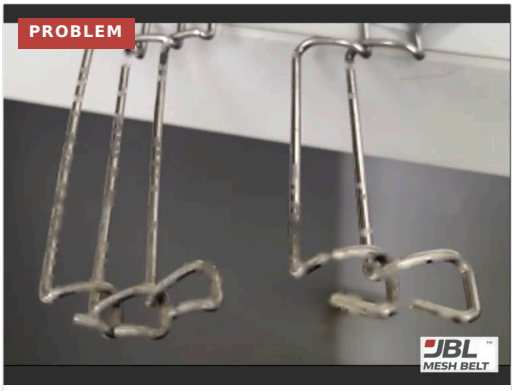
See it track straight before it ships

The belt is run over its sprockets on a shaft to check that every wire seats on the teeth and the belt tracks straight — the photos are sent to you before the crate is closed.

ENGINEERING EXPERIENCE

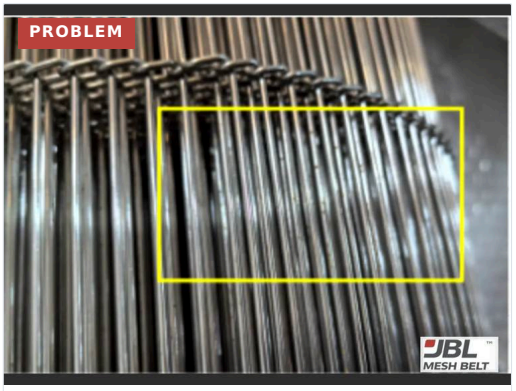
05 Problems You May See on a Z-Type Ladder Belt — and How They Are Prevented

A wrong edge, an even number of spaces, a loop that does not fit, missing sleeves or a belt that arrives wet means a stopped line. Each one has a check before your belt ships.



Edge crimped when it should not be — or the reverse

Crimped (left) and not crimped (right) edges look and install differently. A wrong edge cannot be fixed on site.

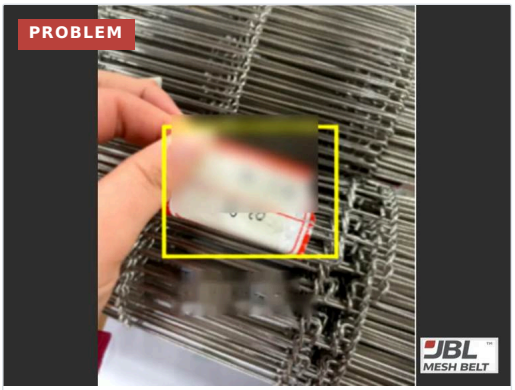


Water marks on the belt

A belt packed wet arrives with water marks or rust spots (boxed).

✓ **Belt cleaned and fully dried; wiped with a white glove before packing.**

✓ **Edge type confirmed from photos of your old belt, and checked on the first**



Production label left on the belt

A small production tag left on the mesh (boxed) ends up on your line or in your product area.

✓ **Whole belt checked for tags and labels before packing.**

PROBLEM

Even number of spaces

An even count unbalances the belt and it drifts to one side while running. It cannot be changed after production.

✓ **Spaces confirmed odd at quotation and counted before shipment.**

PROBLEM

Wrong loop width

A loop that is too wide or narrow does not fit the conveyor side frame.

✓ **Loop width confirmed — or set at about 5× wire diameter and stated in the quotation.**

PROBLEM

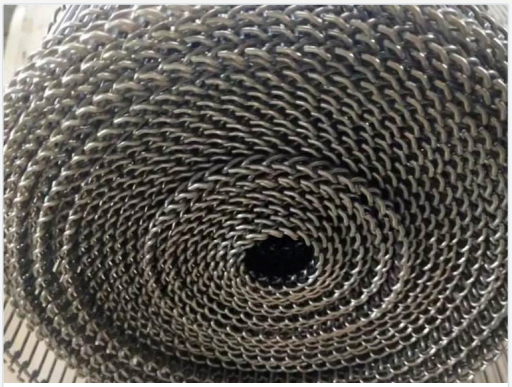
Sleeves missing

Without spare connecting sleeves the belt cannot be joined on site.

✓ **Sleeves counted against the packing list and photographed.**

06 SHIPMENT RECORDS
What Arrives at Your Plant

Your belt arrives rolled in a lined export crate, clean and dry, with spare sleeves bagged and a packing list on top. Real shipments; order details hidden.



Rolled, clean and dry

Checked for water marks and tags.



Packing list and sleeves

Spare sleeves bagged and counted.



Rolls in the crate

Each roll wrapped in a lined crate.



Ready to ship

Crate closed and marked after the final check.

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.