JBL MESH BELT

ENGINEERED · MATCHED · DELIVERED

Engineering-Controlled Metal Conveyor Belt Partner

PRODUCTION QUALITY CONTROL PROCESS

Balanced Weave Belt

Stainless steel spiral wire conveyor belt

Wire diameter range: Ø1.0–5.0 mm

Applications: food processing, industrial conveying



GATE 01 · RAW MATERIAL INCOMING INSPECTION



Raw Material Inventory

SS wire coil stock



Coil Batch Storage

Batch-tagged by spec

GATE 02 · SPIRAL WIRE QA INSPECTION



Spiral Wire Dia: Ø1.5 mm

Digital caliper verification



Thickness: 7.83 mm

Digital caliper verification



Spiral Pitch: 5.6 mm

Digital caliper verification

GATE 03 · FINAL DIMENSION CHECK



Spiral Pitch: 5 mm

Digital caliper verification



Wire Dia: 1.00 mm

Digital caliper verification



Spiral Pitch: 4.25 mm

Digital caliper verification

GATE 03 · FINAL DIMENSION CHECK



Spiral Pitch: 12 mm

Digital caliper verification



Wire Dia: 3.20 mm

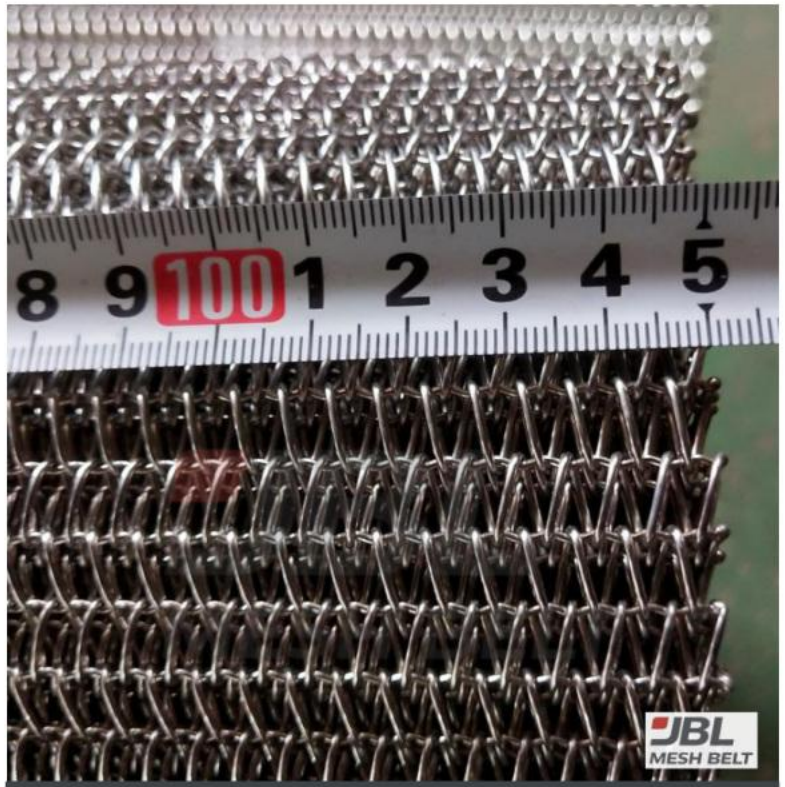
Digital caliper verification



Wire Dia: 1.20 mm

Digital caliper verification

GATE 03 · FINAL DIMENSION CHECK



Belt Width: 1050 mm

Tape measure verification



Belt Width: 1397 mm

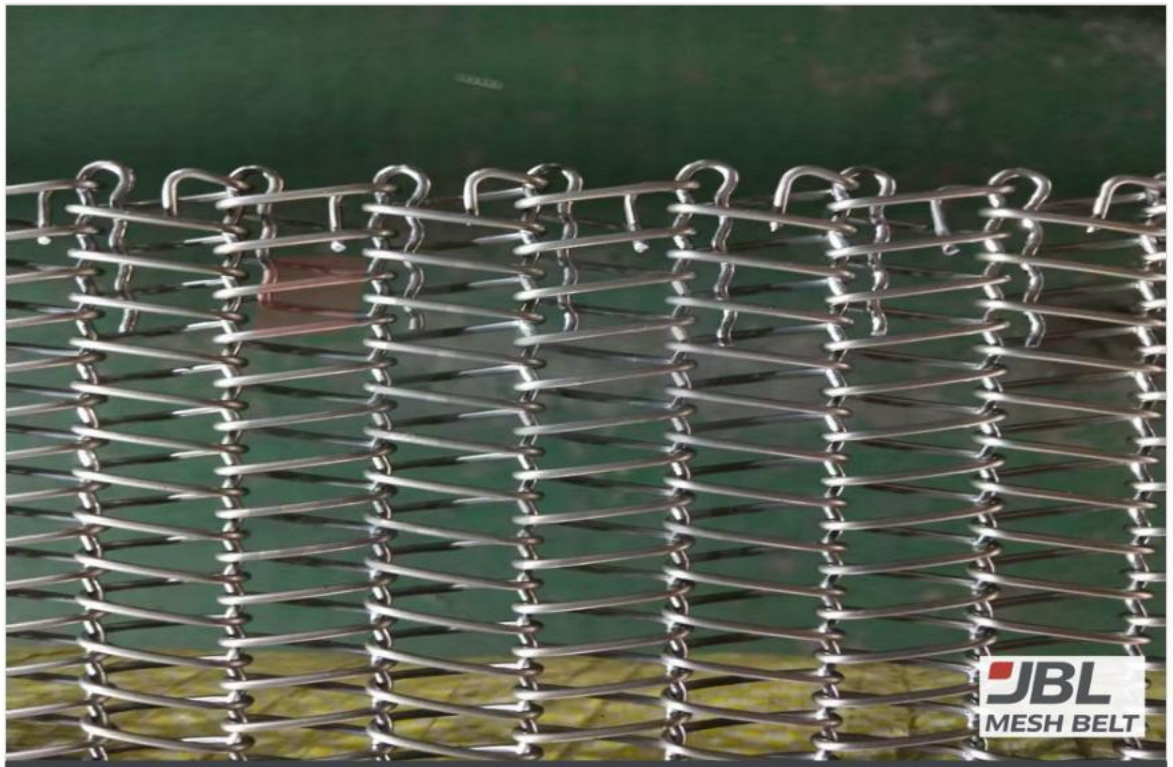
Tape measure verification



Belt Width: 2500 mm

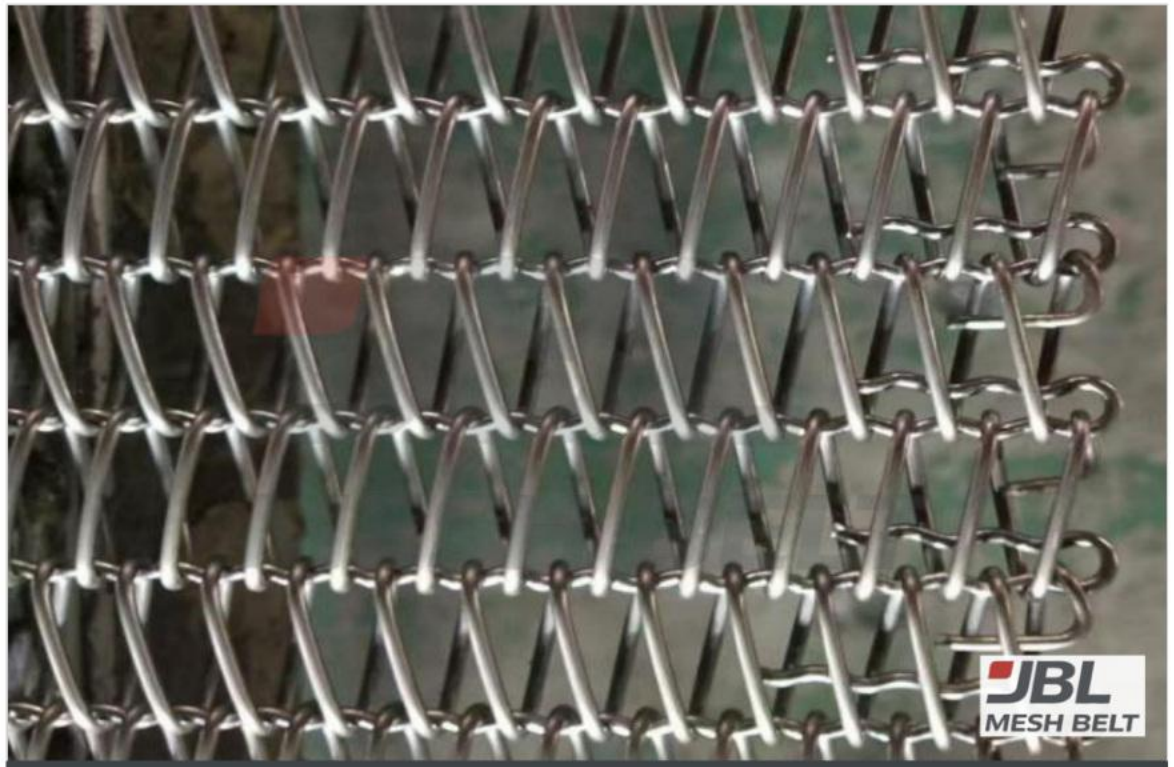
Tape measure verification

GATE 04 · EDGE CLENCHING & WELDING CHECK



Clenched Edge Detail

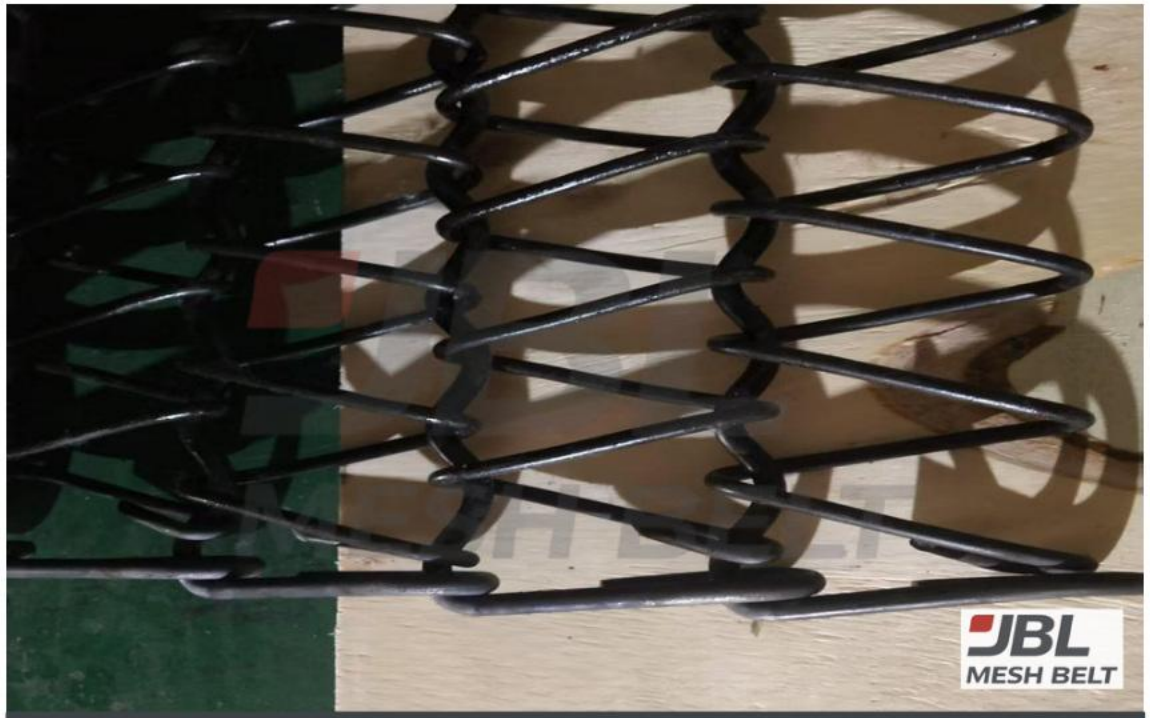
Edge finish inspection



Clenched Edge Detail

Edge finish inspection

GATE 04 · EDGE CLENCHING & WELDING CHECK



Clenched Edge Detail

Edge finish inspection



Clenched Edge Detail

Edge finish inspection

GATE 04 · EDGE CLENCHING & WELDING CHECK



Uniform Weld Pattern

Consistent weld quality



Uniform Weld Pattern

Consistent weld quality



Uniform Weld Pattern

Consistent weld quality

GATE 05 · SPROCKET RUNNING TEST



Sprocket Running Test

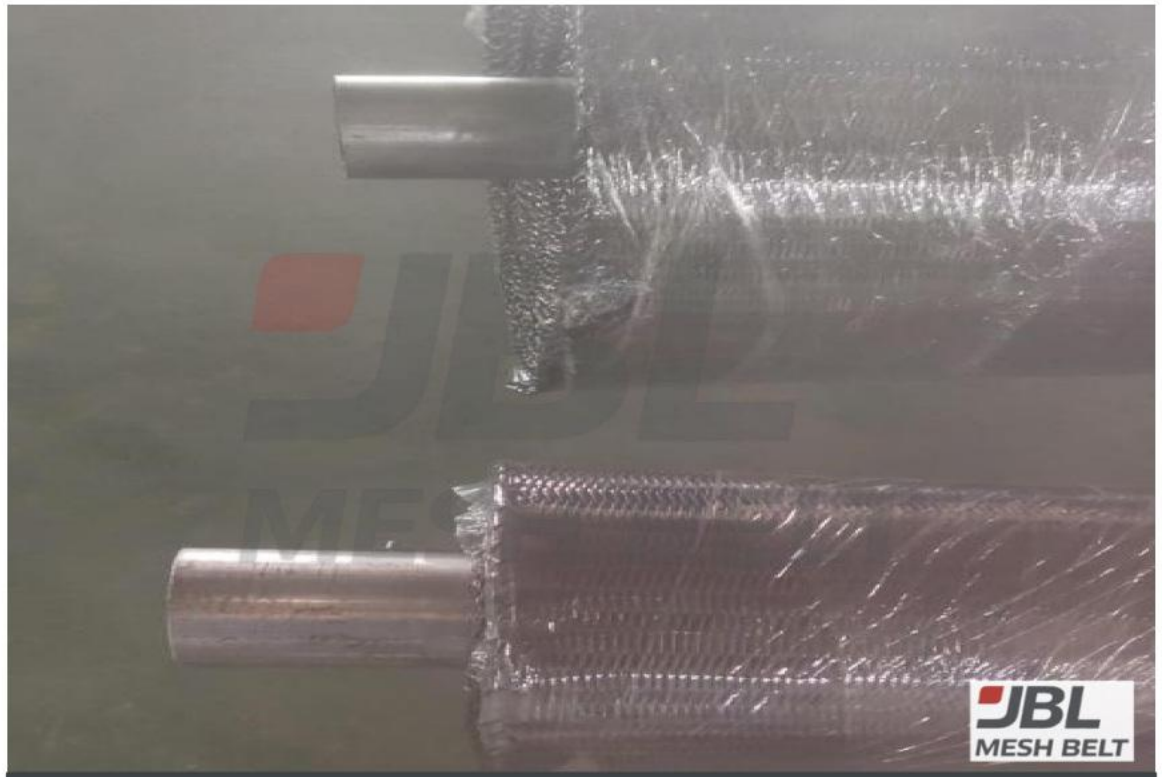
Belt on sprocket drive test



Sprocket Running Test

Sprocket engagement check

GATE 06 · PACKING FOR SHIPMENT

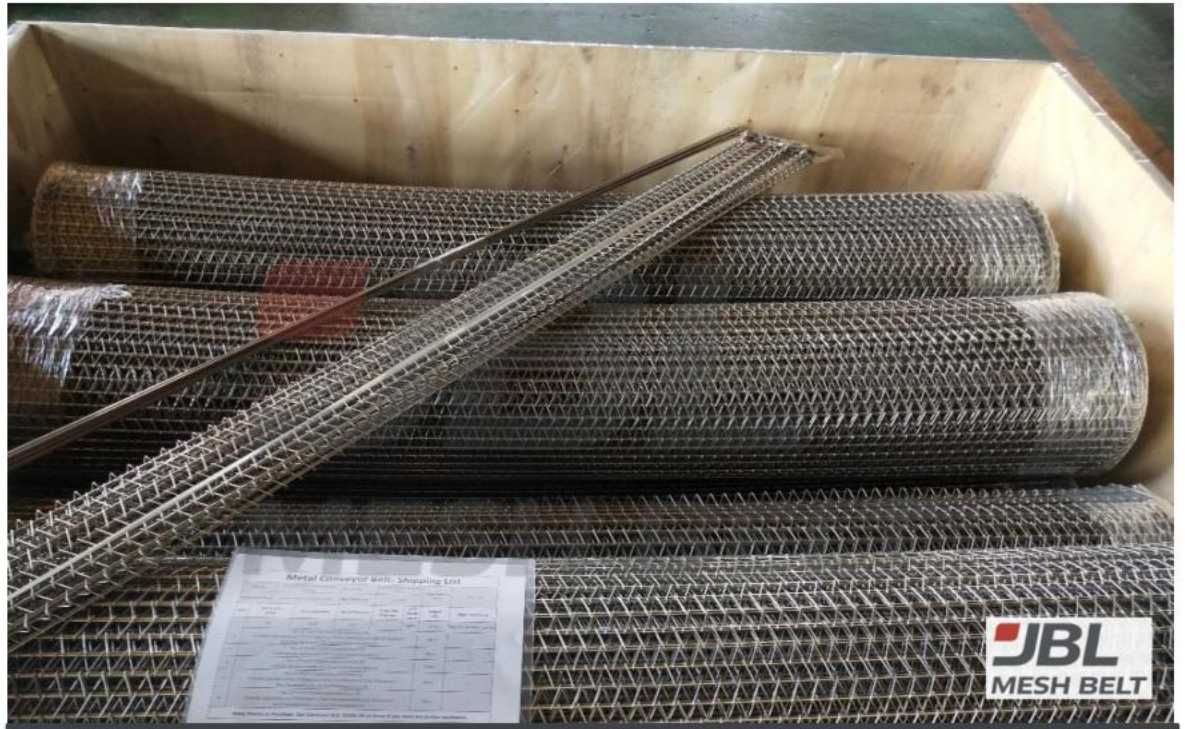


Belt Roll Packing



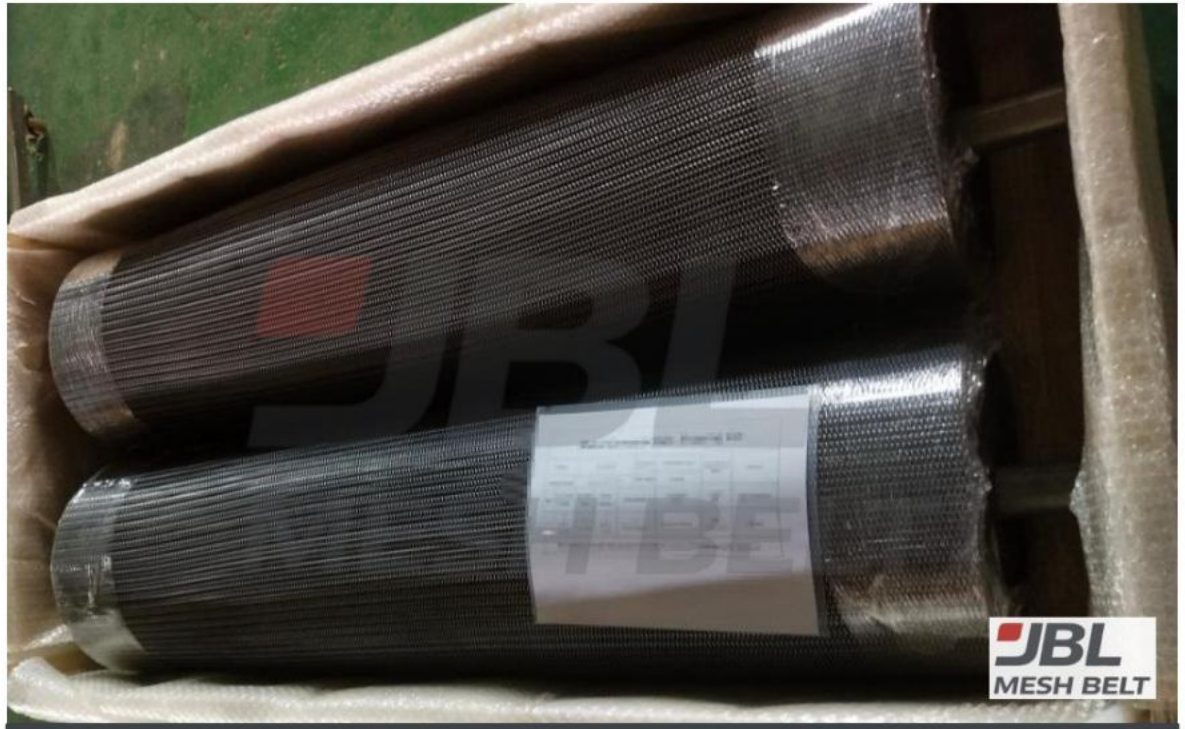
Package Label Check

GATE 06 · PACKING FOR SHIPMENT



Belt Packing — Inner

Roll packed



Belt Packing — Inner

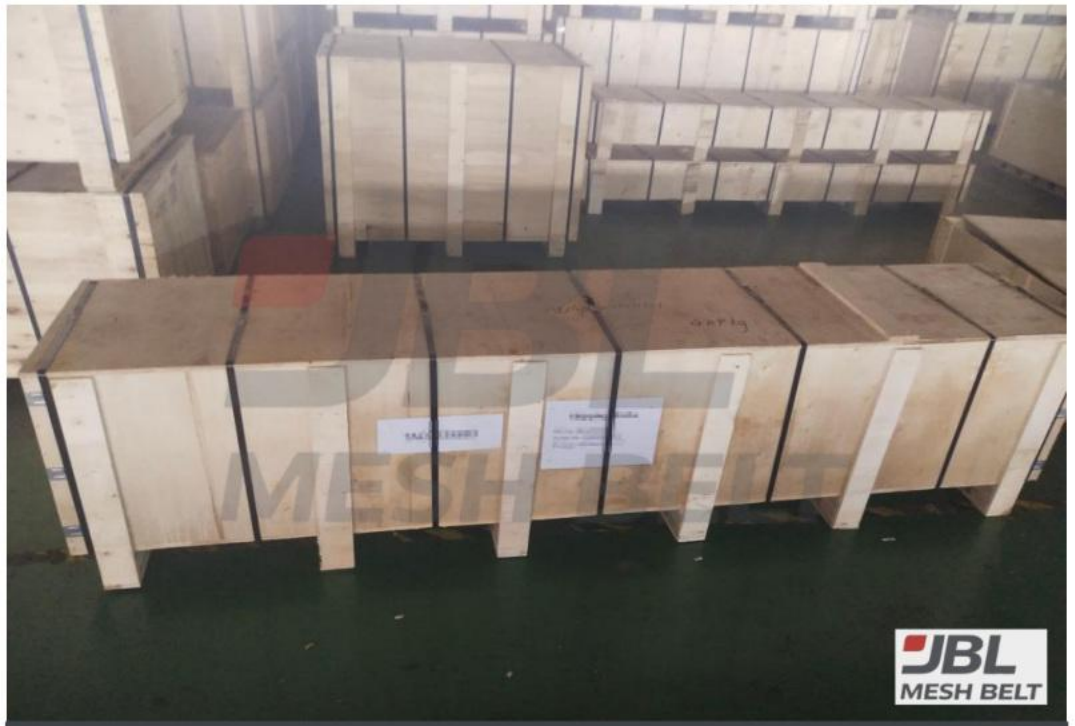
Roll packed

GATE 06 · PACKING FOR SHIPMENT



Crate Ready to Ship

Strapped and labelled



Crate Ready to Ship

Strapped and labelled

GATE 06 · PACKING FOR SHIPMENT



Crate Ready to Ship

Strapped and labelled



Crate Ready to Ship

Strapped and labelled

JBL MESH BELT

QC RECORD TEMPLATE · BALANCED WEAVE BELT

PROJECT REFERENCE	
Customer	_____
PO No.	_____
Belt Type	Balanced Weave Belt
Material	SS304 / SS316 / Carbon Steel
Width × Length	_____ mm × _____ m
QC Report No.	_____

	INSPECTION CHECKLIST	RESULT
01	RAW MATERIAL INCOMING INSPECTION	_____
02	SPIRAL WIRE QA INSPECTION	_____
03	FINAL DIMENSION CHECK	_____
04	EDGE CLENCHING & WELDING CHECK	_____
05	SPROCKET RUNNING TEST	_____
06	PACKING FOR SHIPMENT	_____

APPROVED BY	FOR BUYER
Signature:_____	Signature:_____
Name: _____	Name: _____
Date: _____	Date: _____

JBL MESH BELT

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Engineering-Controlled Metal Conveyor Belt Partner

START A PROJECT WITH JBL

Engineering-Controlled Metal Conveyor Belt Partner

Spiral Freezer Belt · Self-Stacking Belt · Replacement Support

Engineered · Matched · Delivered

WHY BUYERS CHOOSE JBL

PROJECT	CUSTOM
ENGINEERING REVIEW	SPECIFICATION OPTIONS
Equipment and specification review	*Matched to application requirements*

PROJECT SUPPORT

Application Review	**Available**
Replacement Evaluation	**Available**
Active Order Updates	**Every Thursday**

GET IN TOUCH

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Engineering-Controlled Metal Conveyor Belt Partner

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