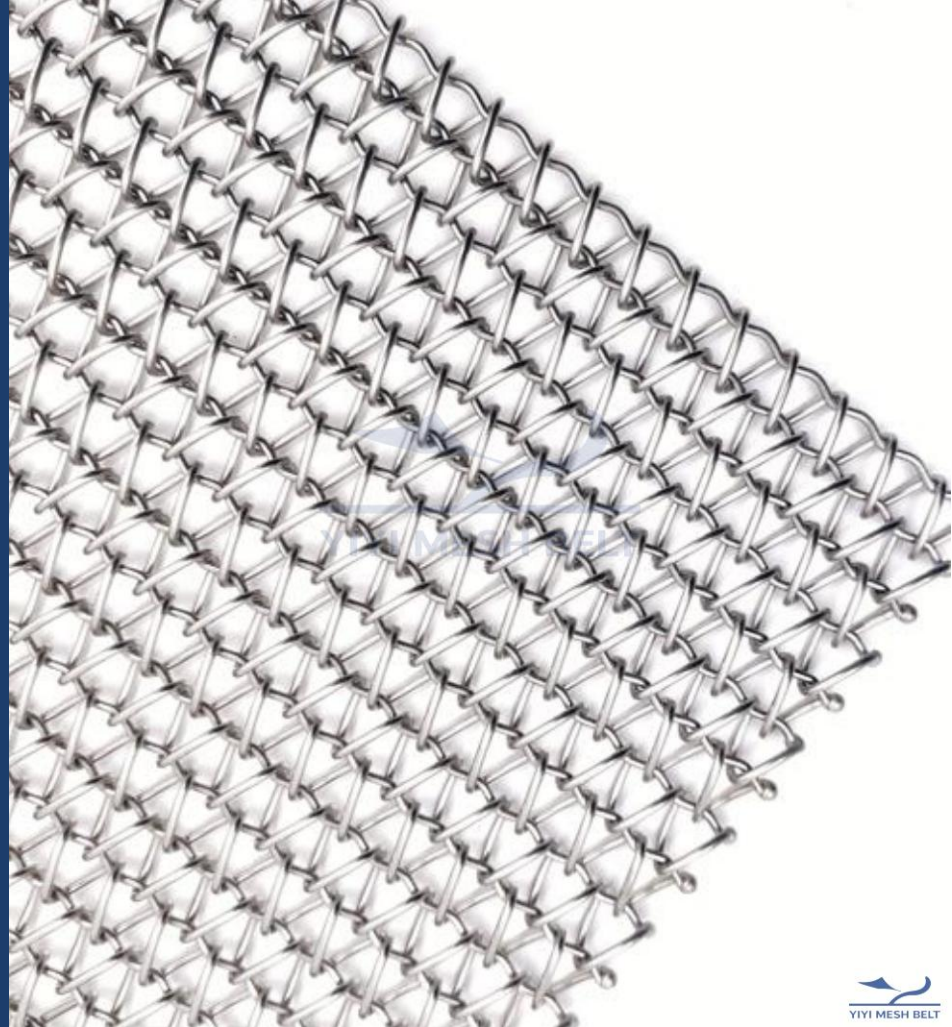


TECHNICAL SPECIFICATION

BALANCED WEAVE BELT

Dimensions in mm and in
Configuration options and drive interfaces

PROVEN · STABLE · VERIFIED



A manufacturer supporting your belt specification

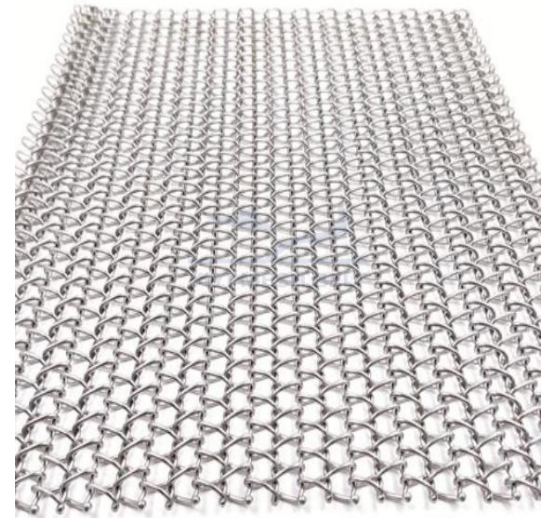
Ningjin Yiyi Mesh Belt Co., Ltd.

YIYI MESH BELT manufactures metal conveyor belts and related conveyor components in Ningjin, Shandong, China.

Manufacturing experience since 1998.
Current company established in 2008.

OEM equipment builders, professional distributors and replacement-belt buyers can submit drawings and application details for engineering review.

Custom projects: drawing approval, trial production and final inspection before shipment.



Typical applications

Typical uses in baking and process conveying lines. Configuration is confirmed on the approved equipment drawing.

01

BAKING

For conveying products in baking lines. Material, spiral pitch and edge construction are selected for the oven design.

02

HEAT TREATMENT

For conveying parts through heat-treatment equipment. Material and wire diameters are selected for the operating conditions.

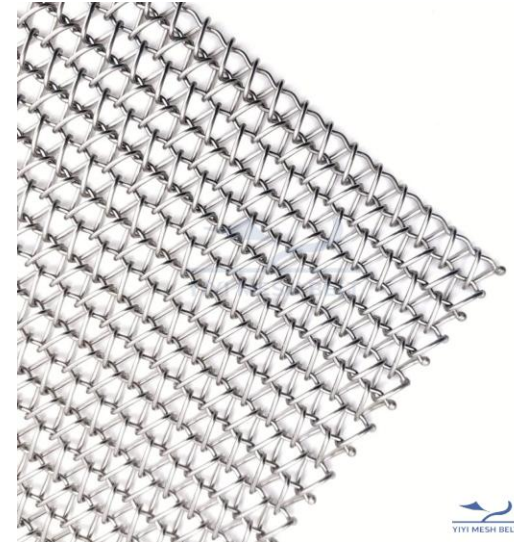
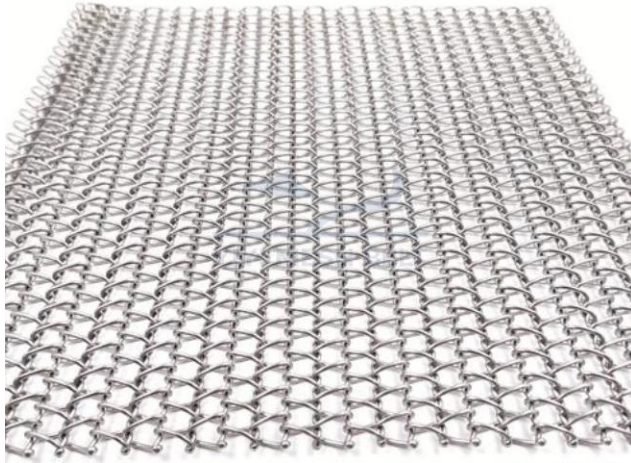
03

GENERAL PROCESS CONVEYING

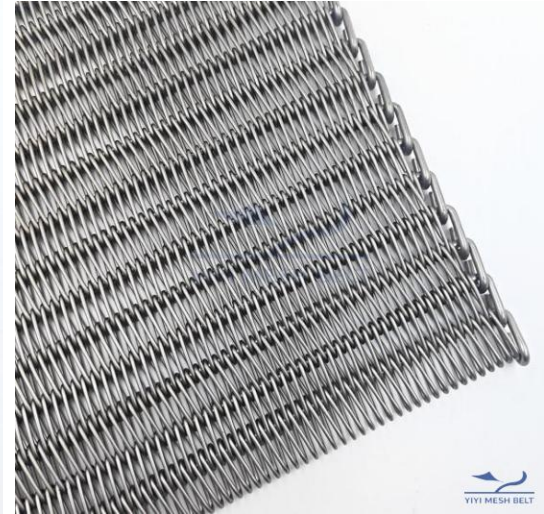
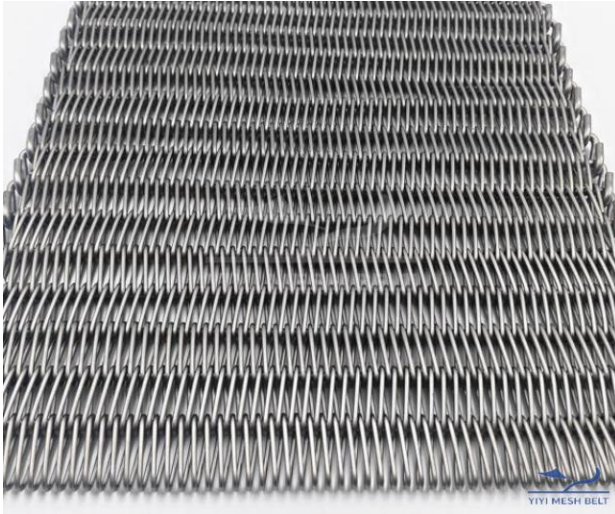
For general process conveyor lines. Spiral pitch, crimp wire pitch and belt width follow the approved drawing.

Suitability depends on the belt specification, material, operating conditions and equipment design.

Construction and surface details



Additional product configurations



Dimensional options

Parameter	Metric (mm)	Inch (in)
Spiral pitch	2.8–40	0.110–1.575
Spiral wire diameter	1 / 1.2 / 1.4 / 1.5 1.6 / 1.8 / 2 / 2.5 3 / 3.2	0.039 / 0.047 / 0.055 / 0.059 0.063 / 0.071 / 0.079 / 0.098 0.118 / 0.126
Crimp wire pitch	5–50.8	0.197–2.000
Crimp wire diameter	1.2 / 1.4 / 1.5 / 1.6 1.8 / 2 / 2.5 / 3 3.2	0.047 / 0.055 / 0.059 / 0.063 0.071 / 0.079 / 0.098 / 0.118 0.126
Belt width	200–5000	7.87–196.85
Belt length	To approved drawing	To approved drawing

Listed options require project selection. Custom dimensions follow the approved drawing.

1 in = 25.4 mm. Inch equivalents are rounded references, not manufacturing tolerances.

Materials and configuration options

Parameter	Selection
Material	SUS 304 / SUS 316 / mild steel
Edge construction	Welded / clenched
Surface treatment	Mill finish / pickling, selected for the material and application
Coating option	Coating material and process require project specification
Drive arrangement	Confirm the drive method and any sprocket requirements
Custom dimensions	Width and length according to the approved drawing

Select materials, geometry and components together for the application and approved drawing.

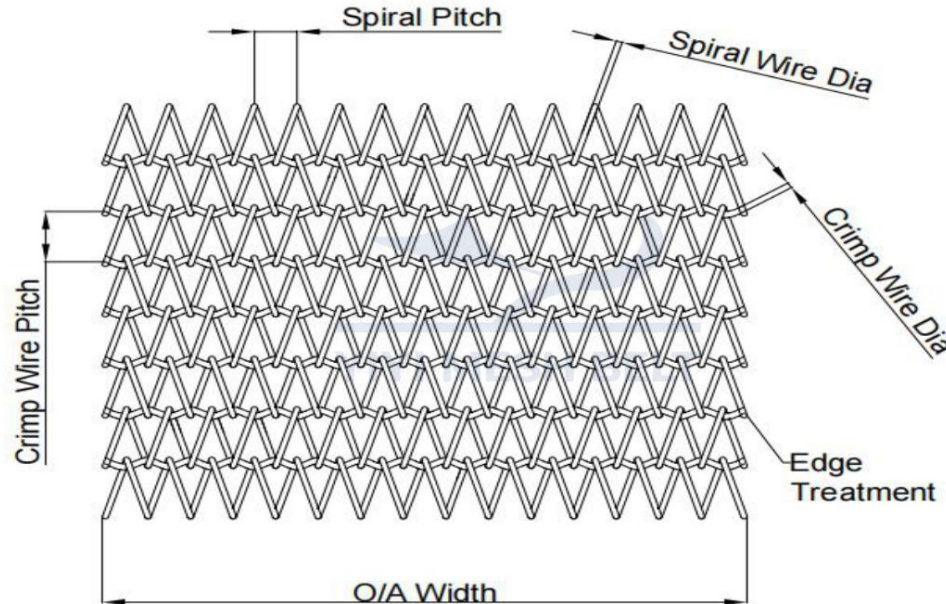
Dimensional references and equipment interfaces

Drawing requirements

Confirm spiral pitch, crimp wire pitch and both wire diameters.

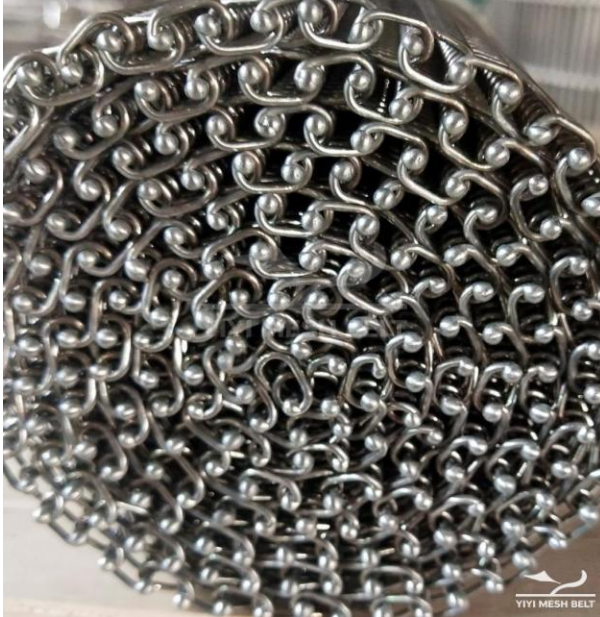
Define overall width, usable width and the selected edge construction.

Provide the drive arrangement and any sprocket or shaft interfaces.



Dimensioned customer drawings define the final geometry, tolerances and component interfaces.

Edge treatment options

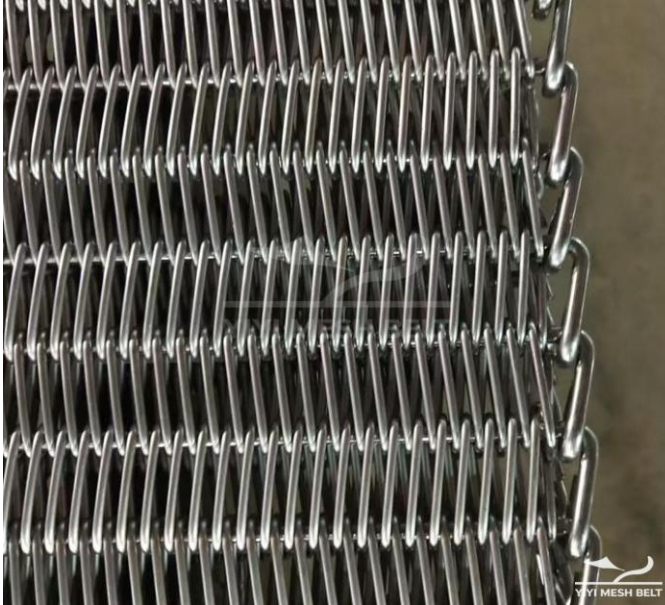


WELDED



WELDED

Edge treatment options



CLENCHED

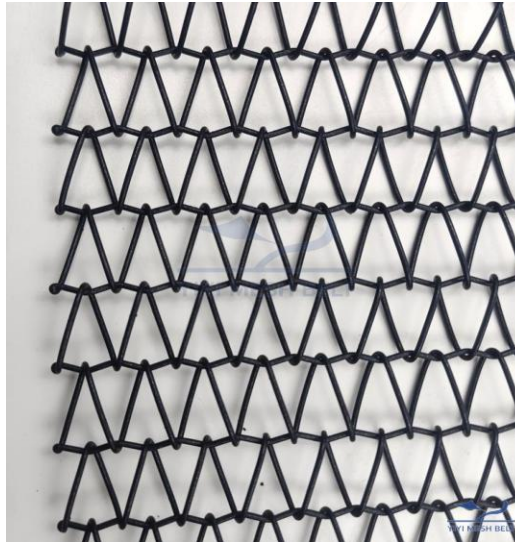


CLENCHED

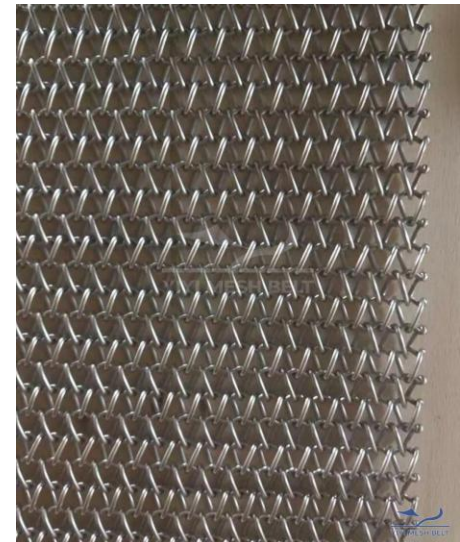
Surface treatment options



MILL FINISH (MILD STEEL)



COATED SURFACE



PICKLED SURFACE

Coating material and finish requirements follow the project specification.

Matching sprockets



SUS 304 / SUS 316



UHMWPE

Confirm belt pitch, tooth count, bore, keyway and mounting dimensions (mm / in).
Match the sprocket profile and material to the approved equipment drawing.



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Metal Conveyor Belt Manufacturer

for OEMs & Professional Distributors

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Company: Ningjin Yiyi Mesh Belt Co., Ltd.

Send Your Drawing for Specification Review

- Belt dimensions (mm / in)
- Equipment and application
- Operating conditions
- Drive and shaft details
- Existing belt photos / sample

Request an Engineering Review

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