



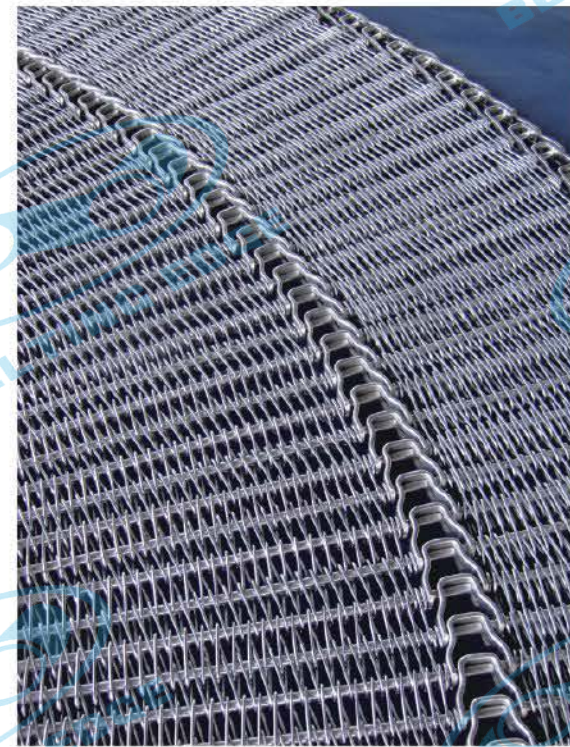
beltingedge.com



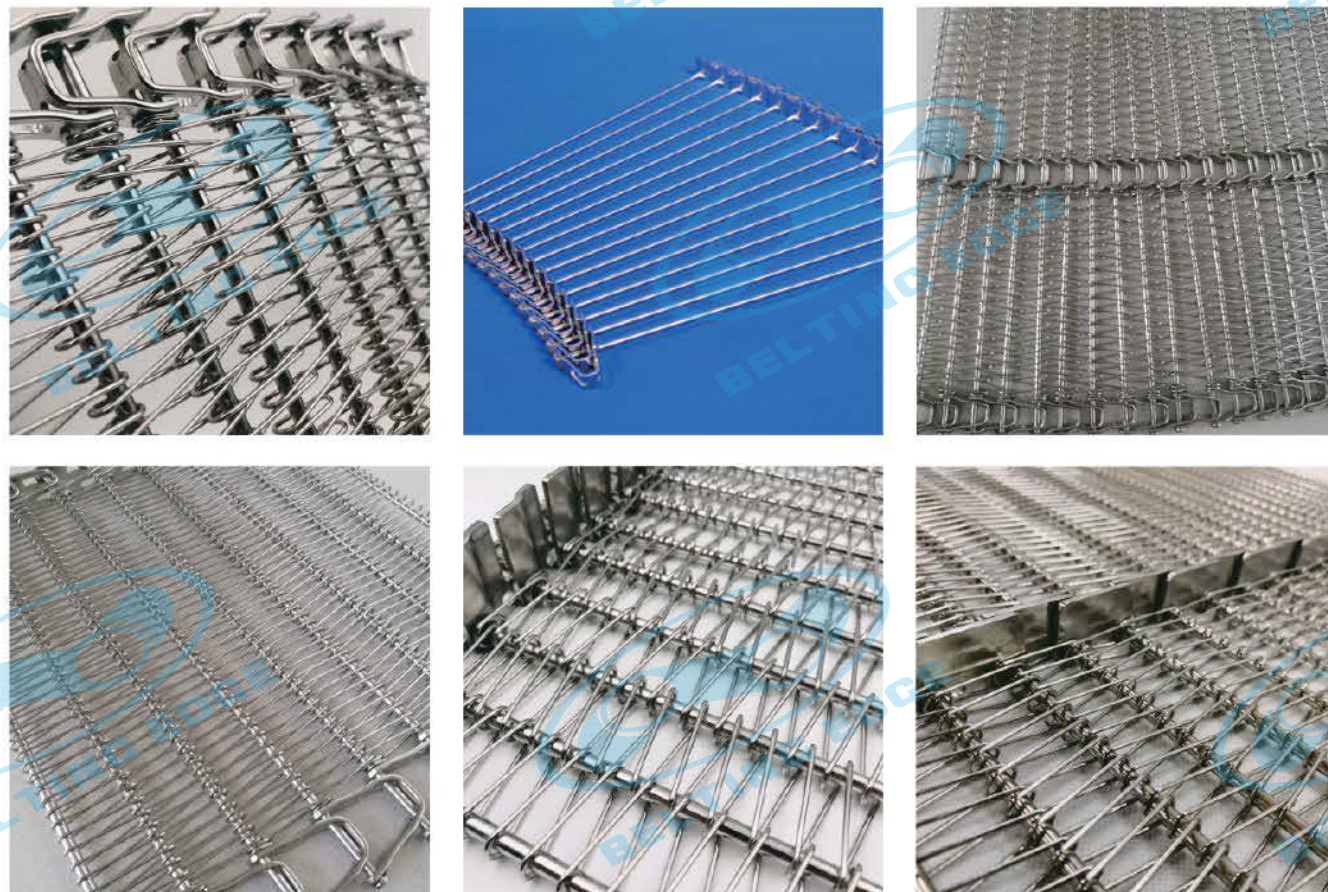
WhatsApp

## SPIRAL GRID BELT

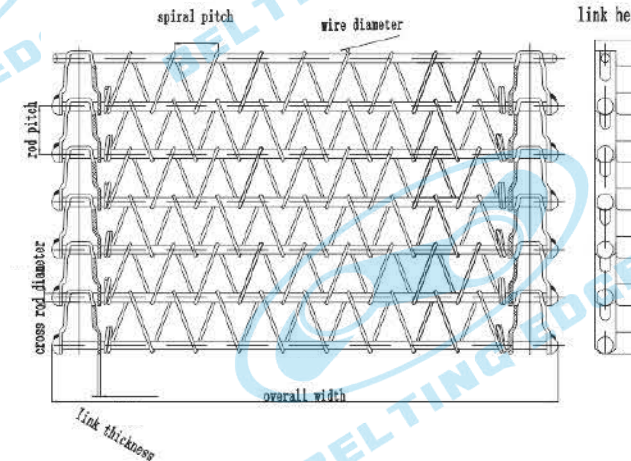
The Spiral Grid Belt is crafted using an advanced imported digital mesh weaving machine, with spirals made from high-tensile strength wire, ensuring resistance to deformation. It features a smooth surface and strong welds, allowing it to navigate both straight paths and 180° or 360° curves. This belt is highly resistant to pressure and stress, and is designed for easy maintenance and disassembly. It is available in various designs, including mesh overlay, rod-only, side guard, and middle link options.



### Product images



### Technical specifications



Material	SS304, SS316
Rod pitch (mm)	19.05; 25.4; 27.4; 30; 30.5; 38.1
Side guard height (mm)	24; 26; 38.1
Link thickness (mm)	2; 2.5; 2.7; 3.1
Rod diameter (mm)	5; 6; 7
Wire diameter (mm)	1.2; 1.4; 1.5; 1.6; 1.7; 1.8
Belt width (mm)	304.8 - 1376
Edge finish	Welded
Belt length	Customised
Sprocket	Material & sprocket customised as per request

\*Special specifications are available

### Features

- Smooth belt surface. Excellent airflow and ventilation, making it hygienic and easy to clean.
- The spiral grid belt, driven by sprockets, guarantees reliable and stable operation, capable of running straight and curving up to 180° or 360°.
- Made from high-tensile strength wire, the spiral offers exceptional wear resistance.
- Belt edges are automatically finished to maintain a consistently smooth surface.
- The superior design and construction enhance the belt's product carrying capacity.
- All welds undergo treatment, and the entire belt is thoroughly cleaned as part of our standard procedure.

### Applications



Freezing



Package



Freezing



Snack and bakery



Cooling

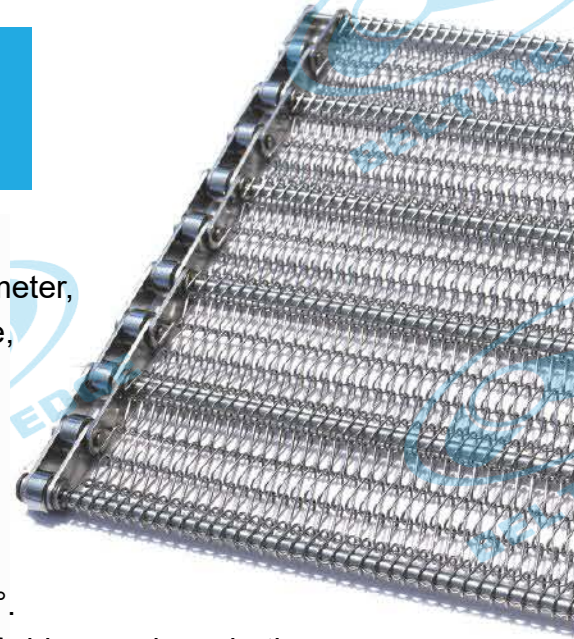
## CHAIN DRIVEN BELT

Chain-driven belts consist of wire mesh, cross rods, and chains. The selection of mesh belt style, rod diameter, spiral pitch, and rod pitch is based on the type, shape, size, and weight of the product being carried.

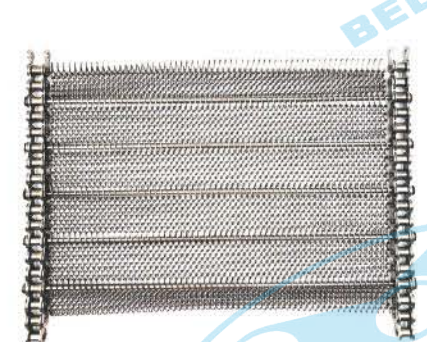
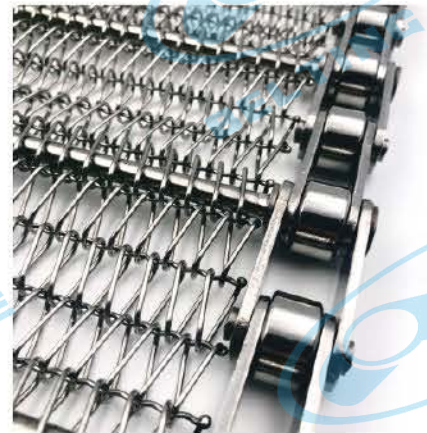
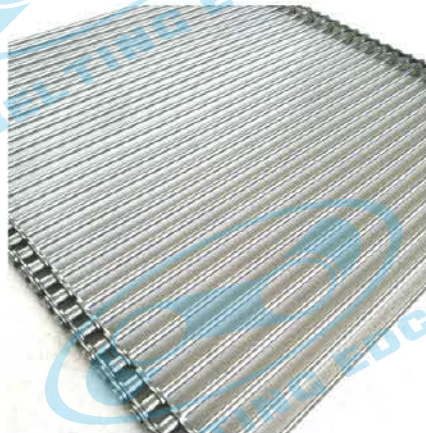
Chain model number and cross rod specifications are chosen according to the mesh belt width, length, running speed, and the conveyor belt's mechanical configuration.

The operating temperature range is from 55° to 1150°.

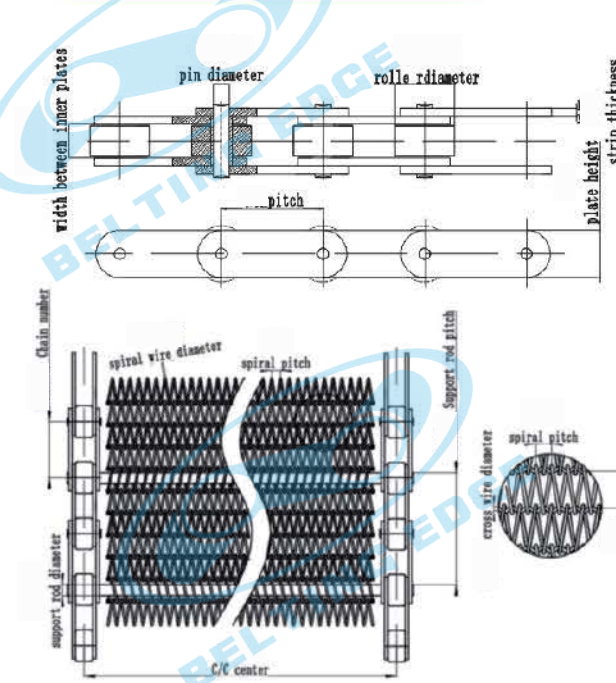
The chain mesh design also allows for the addition of side guards on both edges of the mesh belt and cross flights in the center of the mesh surface.



## Product images



## Technical specifications



Material	Carbon steel, SS201, SS304, SS316 Chain
Pitch (mm)	12.7; 15.875; 19.05; 25.4; 31.75; 38.1; 50.8; 63.5; 76.2; 101.6
Roller diameter (mm)	24; 26; 38.1
Wire diameter (mm)	1.2; 1.4; 1.5; 1.6; 1.8; 2; 2.5; 3
Spiral pitch (mm)	2.8 - 40
Rod pitch (mm)	5 - 50.8
Belt width (mm)	200 - 5000
Edge finish	Welded / Clenched
Belt length	Customised
Sprocket	Material & sprocket customised as per request

\*Special specifications are available

## Features

- The chain belt is driven by a sprocket, ensuring smooth operation and reducing the load on the belt surface.
- The smooth mesh belt surface, combined with solid rod support, provides the ability to withstand high loads and tensile strength.
- Chain-driven belts are the only self-supporting belts, offering efficient operation in applications where friction-driven belts are not suitable. They are ideal for straight, incline, heavy load, and long-distance applications.
- The mesh belt style offers multiple options, with nearly all types of mesh belts capable of being assembled into a chain. Commonly used options include balance weave mesh and one-directional mesh.
- The chain mesh belt support can include pins, flat bars, or tubes, depending on the specific application.
- For support, spiral types are available in consistent thickness, large spiral, and triangular spiral designs.

## Applications



Electronics Industry



Baking



Food Drying



Sea Food Processing



Frying



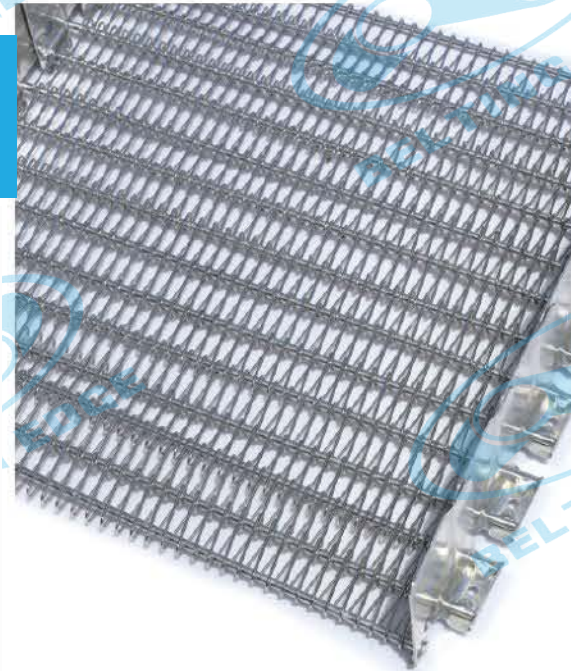
beltingedge.com



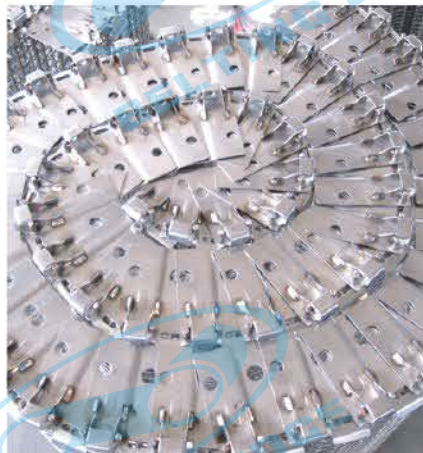
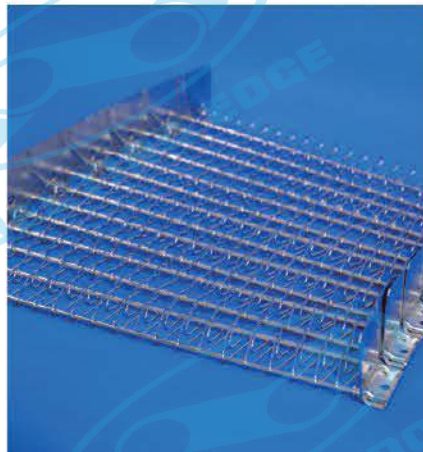
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## SELF STACKING BELT

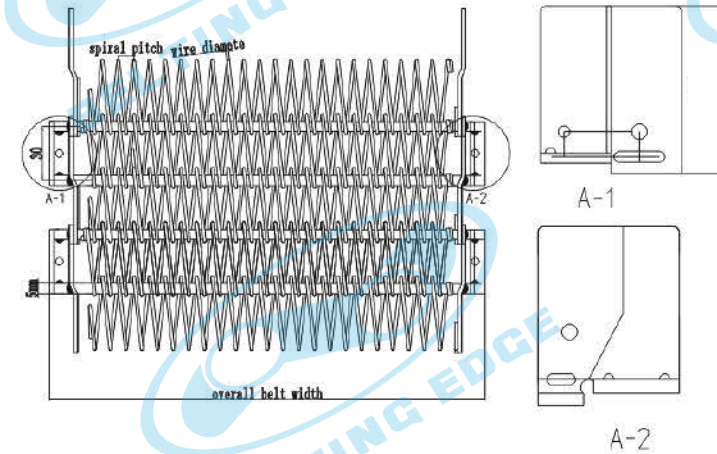
The self-stacking belt is crafted using an imported digital mesh weaving machine and consists of wire mesh, cross rods, and plates, typically featuring unilateral spirals. It has a smooth surface and strong welds. The belt can run in either a counterclockwise or clockwise direction, with the ability to complete a full 360° turn in both cases.



### Product images



### Technical specifications



Material	SUS304
Wire diameter (mm)	1.5; 1.6; 1.7
Spiral pitch (mm)	6 - 20
Rod pitch (mm)	30
Belt width (mm)	420; 580; 640; 760; 920; 1060
Rod diameter (mm)	5; 6; 7
Edge finish	Welded
Belt length	Customised

\*Special specifications are available

### Features

- Denser designs save space.
- Provide quick and effective food freezing.
- Smooth, belt surface with excellent air ventilation, hygienic, and easy to clean.
- High-tensile stainless steel wire strengthens the mesh belt and enhances durability.
- No tracking or steering is required, as this feature is built into the design of the belt itself.

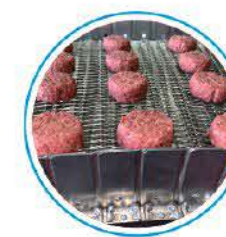
### Applications



Clean



Cooling



Freezing



Freezing

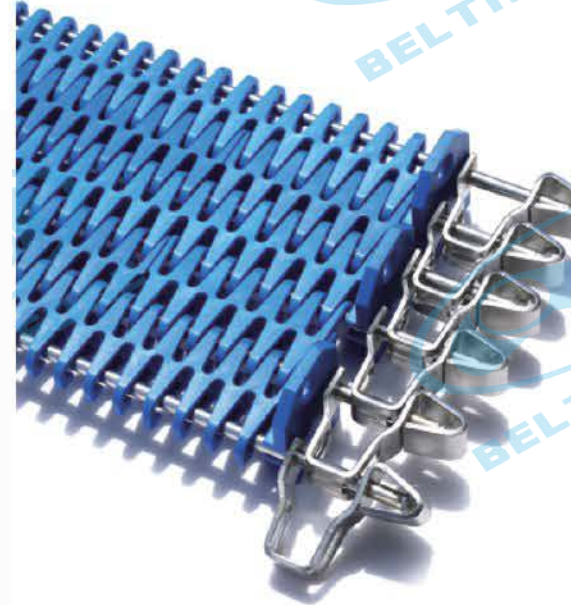


Proofing

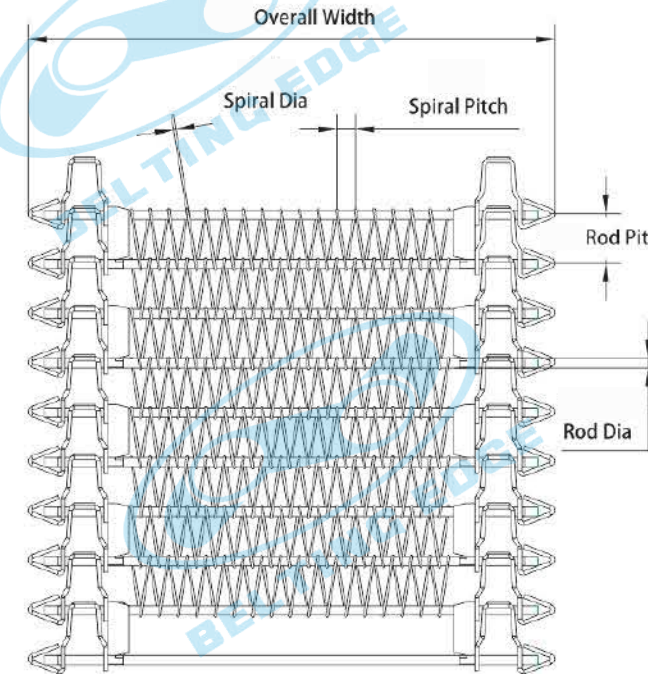


## SIDE DRIVE BELT

Side drive belts are crafted using an imported digital mesh weaving machine and consist of wire mesh, cross rods, and links driven by a sprocket. The mesh belt surface is smooth, durable, and resistant to wear. The mesh overlay can be made from either stainless steel wire or plastic molding. Driven by a side gear, the belt runs smoothly and can withstand heavy pressure and tension. Available in mesh overlay, rod-only, and side guard designs.



## Technical specifications



Mesh type	SS304, SS316
Rod pitch (mm)	31.75; 34
Rod diameter (mm)	6
Spiral pitch (mm)	12
Wire diameter(mm)	1.4; 1.5; 1.6
Belt width (mm)	310 - 1000
Edge finish	Welded
Belt length	Customised

\*Special specifications are available

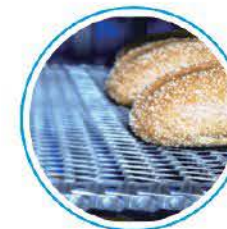
## Product images



## Features

- The spiral is made from high-tensile strength hard wire, providing superior wear resistance.
- The smooth belt surface offers excellent air ventilation, making it hygienic and easy to clean.
- Driven by side sprockets, minimizing friction, allowing for smooth straight running and curves up to 180° and 360°.
- Maintenance is easy and requires less effort, with a single drive unit and a special engage-and-release system for the drive unit wheels, making maintenance faster and more straightforward.

## Applications



Snack and bakery



Meat poultry & seafood



Fruits and vegetables



Snack and bakery



Beverage packaging



beltingedge.com



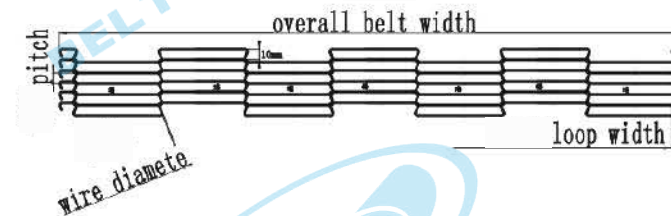
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## FLAT FLEX BELT

The flat flex belt is produced using a digital mesh weaving machine and high-tensile stainless steel wire. It features a single-layer structure and is positively driven by sprockets. The edges are typically finished with a single loop, though stopper spirals can be manufactured upon request for special applications. Flat flex belts are commonly used in linear conveyors and can also be applied in turn conveyors. The mesh belt offers versatile configurations, with a single small solid structure or a double small side structure for specific purposes. The flat flex belt can run both straight and curved, including 90° and 180° turns.



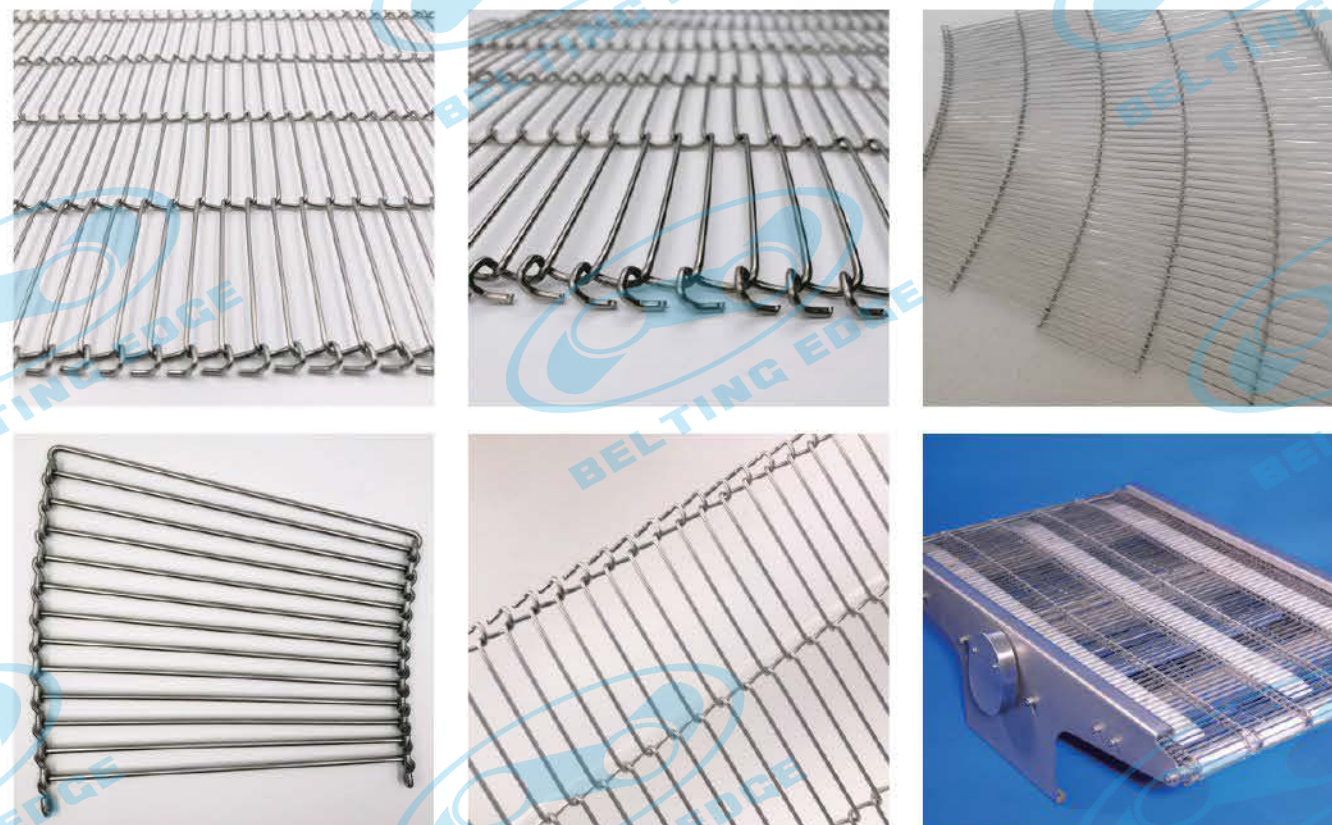
## Technical specifications



Material	SUS304, SUS316
Wire diameter (mm)	1; 1.2; 1.4; 1.5; 1.6; 1.8; 2; 2.3; 3
Rod pitch (mm)	4.3 - 20
Belt width (mm)	200 - 3600
Edge finish	Welded
Belt length	Customised
Sprocket	Material & Sprocket is customised as per request

\*Special specifications are available

## Product images



## Features

- Large open area - 70% to 35%, good ventilation.
- Driven by sprocket to ensure stable running and accurate tracking.
- Easy to clean, hygienic design, clean-in-place capacity.
- Working temperature range from -55°C to 300°C
- Belt surface is smooth which can carry light and medium loads.

## Applications



Cooking



Baking



Cooling



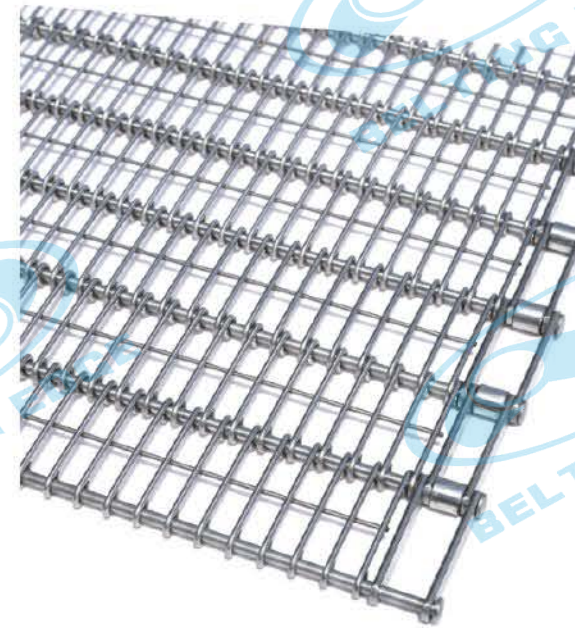
Chocolate Production



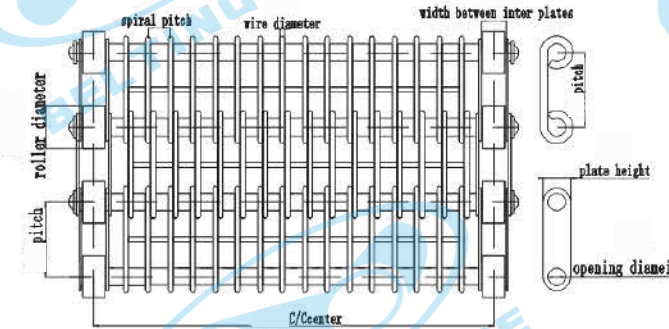
Frying

## EYE-LINK BELT

The Eye-Link belt is made using an imported CNC digital mesh weaving machine. The wire is formed into an Eye-Link shape and joined with a rod. The high tensile strength of the wire rings enhances the durability of the mesh belt. The belt's edges can be finished with side and center flights to prevent products from falling to the ground.



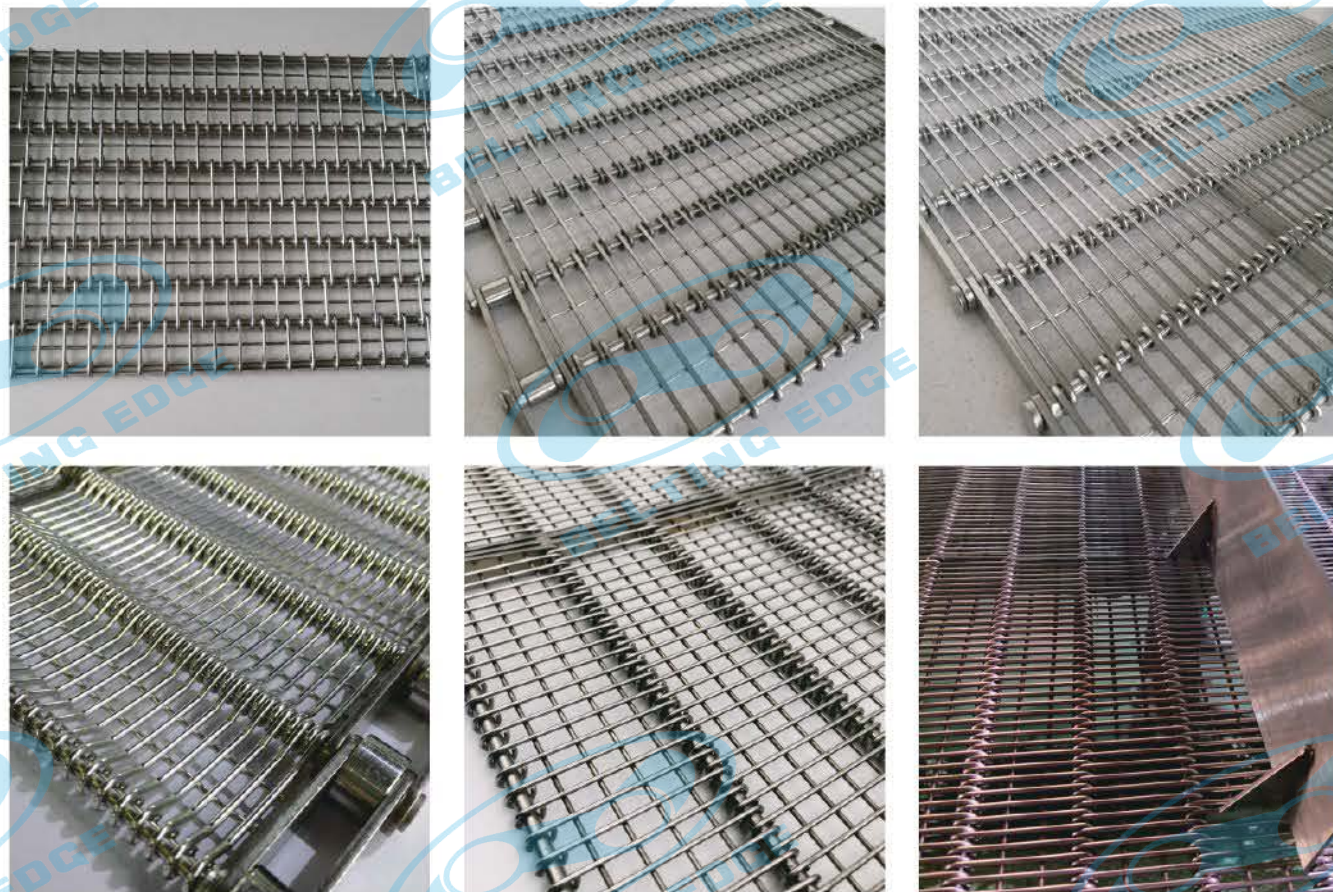
## Technical specifications



Material	SS304, SS316
Pitch(mm)	25.4; 31.75; 38.1; 50.8; 63.5; 76.2
Rod diameter (mm)	5; 6; 7; 8; 10; 12
Wire diameter (mm)	1.2; 1.5; 1.6; 1.8; 2; 2.5; 3
Spiral pitch	2.4 - 100
Rod pitch	25.4; 31.75; 38.1; 50.8; 63.5; 76.2
Belt width(mm)	200 - 6000
Edge finish	Welded
Belt length	Customised
Sprocket	Material & sprocket is customised as per request

\*Special specifications are available

## Product images



## Features

- Large open area, good air circulation and dehydration performance.
- Driven by sprocket to ensure stable running and accurate tracking.
- Easy to clean, assemble, and maintain, solid belts offer long-lasting durability.
- Belt working temperature range from -96°C to 600°C
- The belt surface is suitable for conveying unstable products and can withstand higher loads and tensile strength.

## Applications



Dry



Cooling



Washing



Freezing



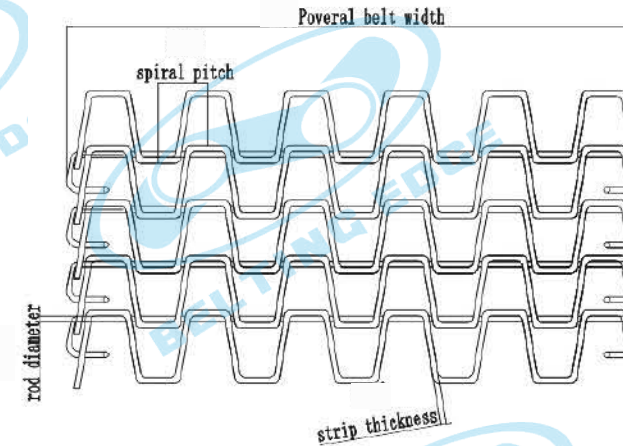
Proofing

## FLAT WIRE BELT

Flat wire belt is constructed using cross rods and flat strips. The belt edge is finished with either a welded or clenched edge. Side guards and flights are available as options. It is easy to maintain and clean, and a long service life can be expected with proper use.



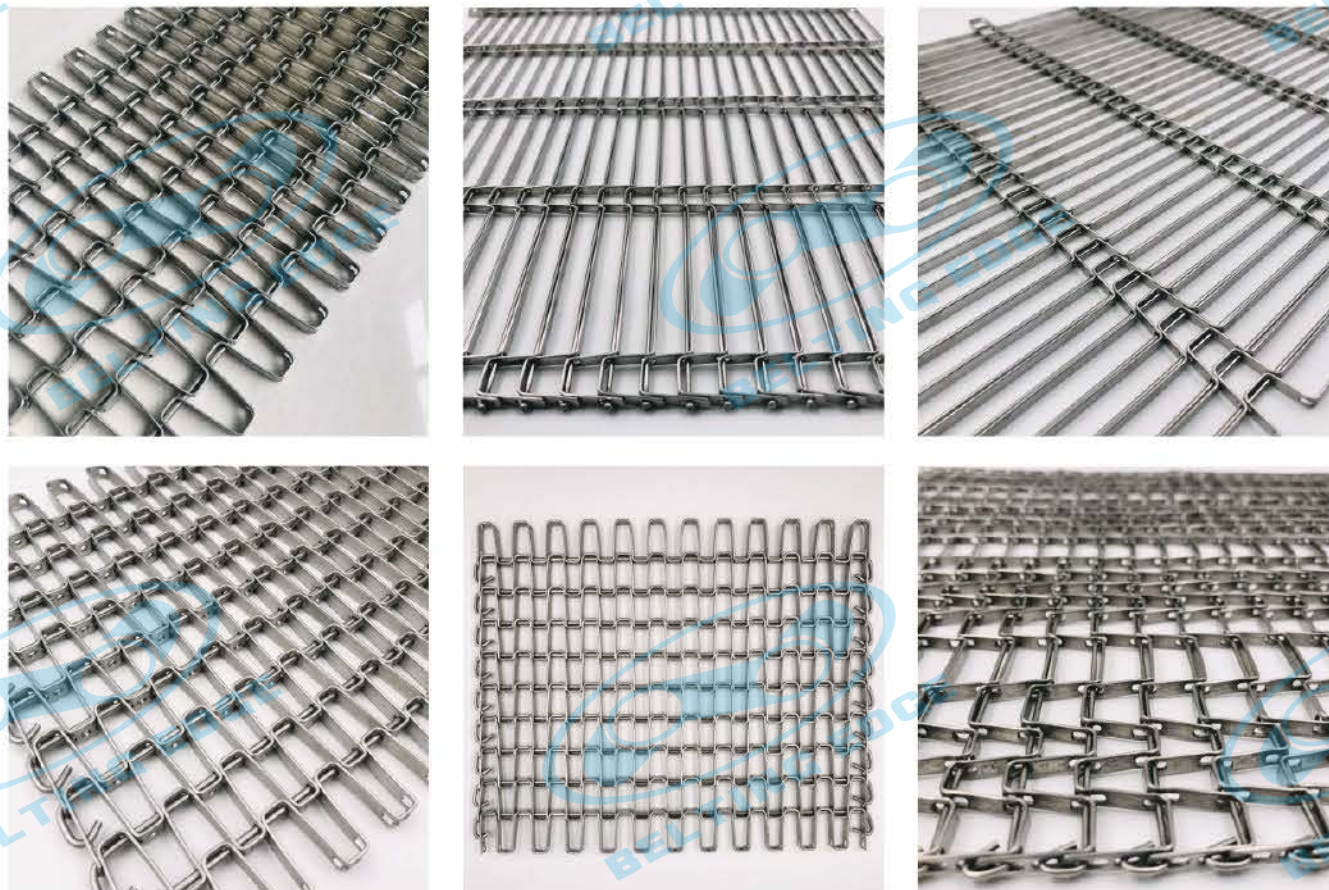
## Technical specifications



Material	Carbon Steel, SUS201, SUS304, SUS316
Spiral pitch(mm)	12.7 - 40
Rod pitch (mm)	12.7; 25.4; 38.1; 50.8
Rod diameter (mm)	1.2; 1.6; 2
Strip thickness (mm)	3; 4; 5; 6; 8
Belt width (mm)	200 - 400
Edge finish	Welded / Clenched
Belt length	Customised
Sprocket	Material & Sprocket is customised as per request

\*Special specifications are available

## Product images



## Features

- Flat and smooth surface to convey unstable products.
- Driven by sprocket to ensure stable running and accurate tracking.
- Low maintenance, easy to clean and install.
- Large open area for free air flow and water drainage.
- High strength to weight ratio and can withstand higher loads and tensile strength.

## Applications



Package



Package



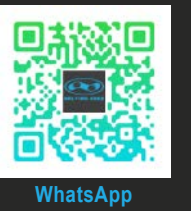
Glass Annealing



Dry



Baking

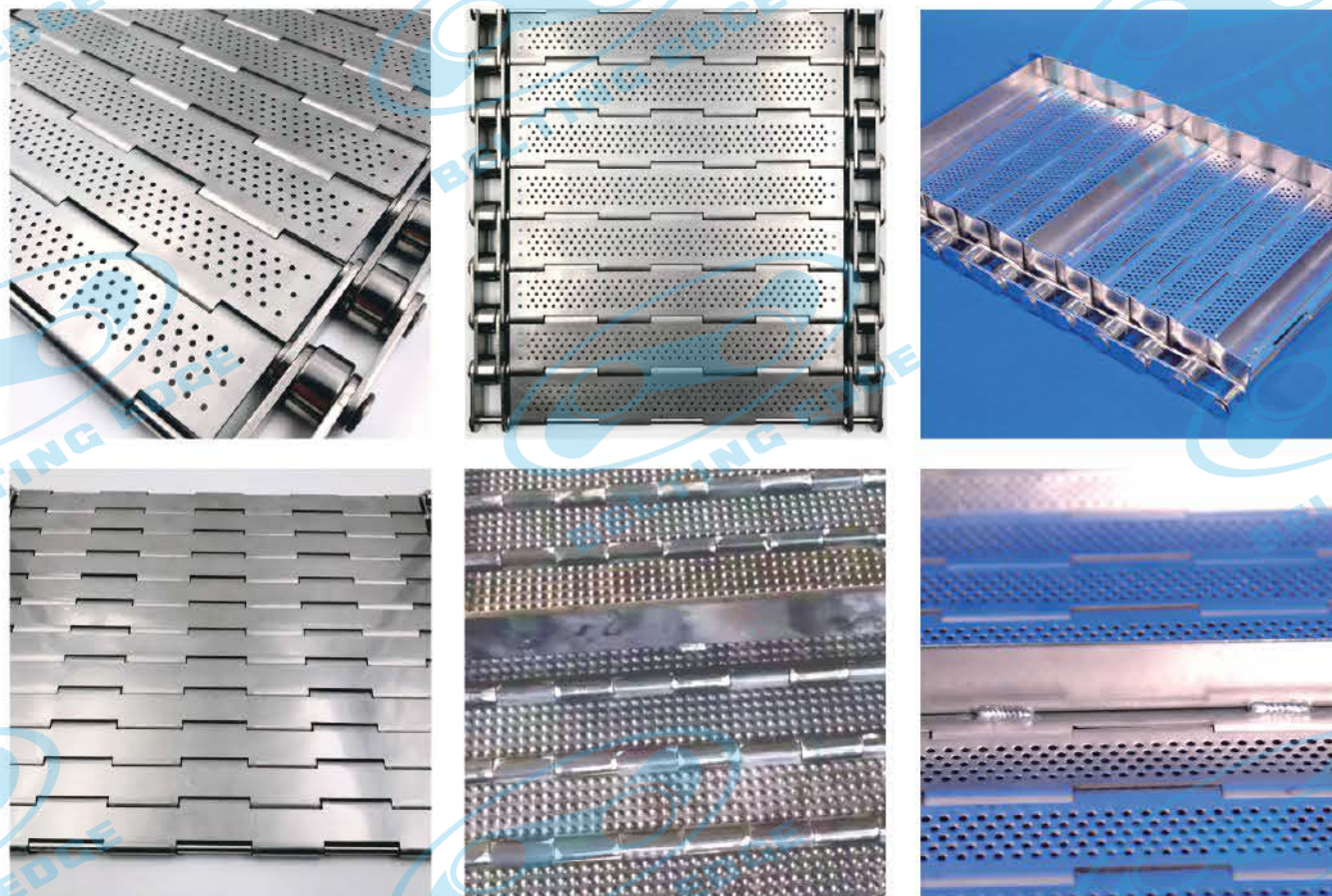


## CHAIN PLATE BELT

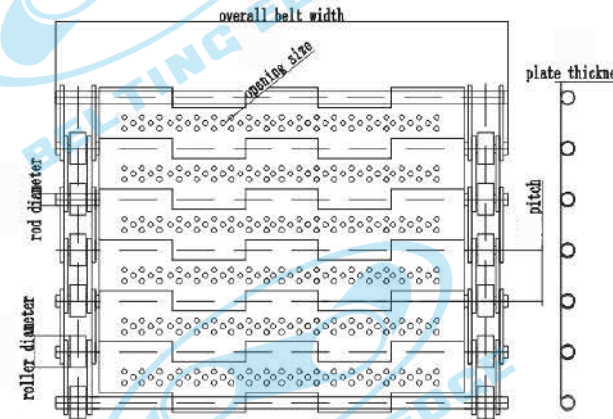
The chain plate belt is a solid, metal belt driven by a sprocket, ideal for transporting small and high-density products. It features a self-supporting structure, allowing it to span wide widths without the need for additional support. This makes it highly durable, easy to maintain, and long-lasting. Perforations can be added to the plate according to specific application requirements. The chain edges can be secured using cotter pins or washers, depending on the mesh belt's width, length, running speed, and the mechanical configuration of the conveyor system. Based on these parameters, the appropriate chain model number and cross rod specifications should be selected. The design of the chain plate belt can also include side guards on both edges and cross flights in the middle of the mesh surface to enhance product handling and control.



### Product images



### Technical specifications



Material	Carbon Steel, SUS201, SUS304, SUS316
Rod pitch(mm)	19.05 ; 25.4 ; 31.75 ; 38.1 ; 50.8 ; 76.2
Strip thickness (mm)	5; 6; 8; 10; 12
Plate thickness (mm)	0.8; 1; 1.2; 1.5; 2; 2.5; 3
Belt width	200 - 4000
Belt length	Customised
Edge finish	Welded / Split Pin
Sprocket	Material & Sprocket is customised as per request

\*Special specifications are available

### Features

- High-strength metal plates deliver exceptional load-bearing capacity and tensile strength, making the belt ideal for heavy-duty products and high-load applications.
- Driven by sprocket to ensure stable running and accurate tracking.
- Low maintenance, easy to clean and install.
- Self-supporting design allows the belt to span wide widths without the need for additional structural support.

### Applications



Package



Dry



Sinter heat treatment



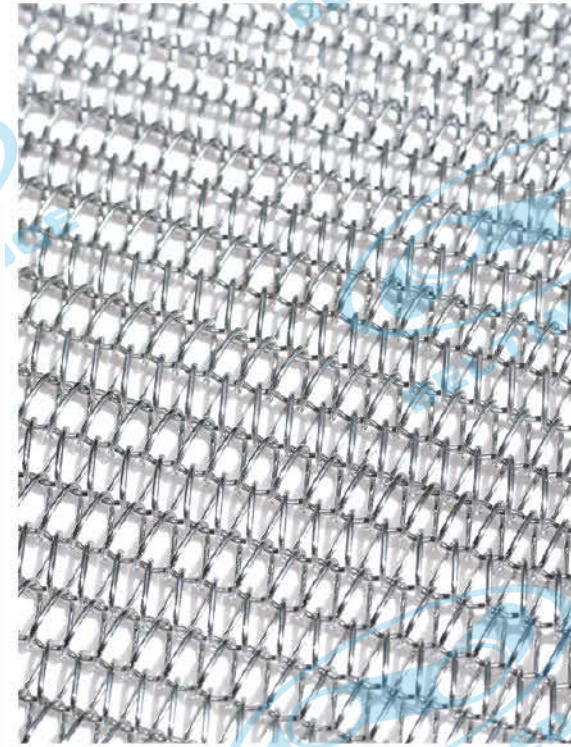
Dairy products



Washing

## BALANCED WEAVE BELT

Balanced weave belts are constructed from alternating left- and right-hand spirals, assembled using pre-crimped or straight rods. They are available in both round and flat wire types, depending on the specific application. These belts are typically driven by friction, requiring a sufficiently large drive roller. However, for more precise movement and control, custom sprockets can be used to provide positive-drive engagement with the mesh. The belt pitch and mesh size can be customized according to the operating environment. Belt edges are generally finished by welding or clenching for added durability and safety.



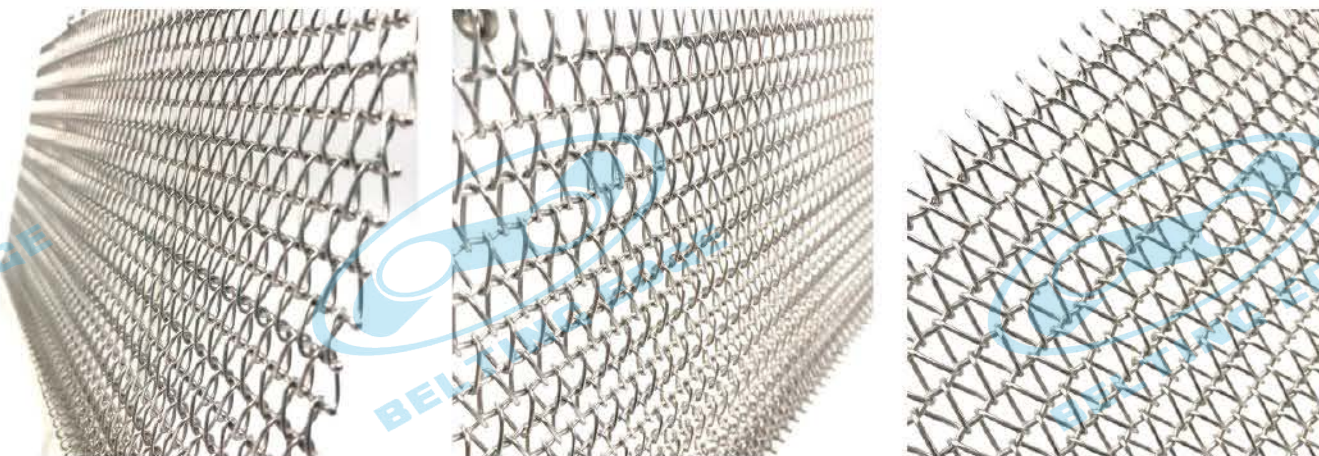
### Crimped Rod Construction:

This version features crimped rods that lock the spirals in place, maintaining alignment and preventing distortion or stress during operation. It offers the full range of benefits associated with wire mesh belts, including strength and stability.

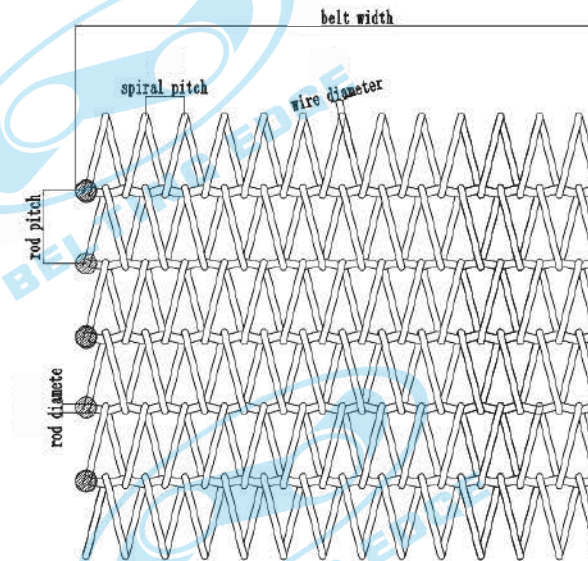
### Straight Rod Construction:

In this variation, alternating spirals are connected using straight rods. This creates a fine, evenly spaced mesh with minimal openings, ensuring smooth belt tracking and operation. Balanced weave belts are capable of handling high tension and are suitable for transporting heavy loads efficiently and reliably.

## Product images



## Technical specifications



Material	Carbon Steel, SUS201, SUS304, SUS316
Wire diameter (mm)	1.2; 1.4; 1.5; 1.6; 1.8; 2; 2.5; 3
Spiral pitch(mm)	2.8 - 40
Rod pitch (mm)	5 - 50.8
Belt width (mm)	200 - 5000
Edge finish	Welded / Clenched
Belt length	Customised
Sprocket	Material & Sprocket is customised as per request

\*Special specifications are available

## Features

- Stable straight running belt guaranteed by alternated left and right spirals.
- Stable Tracking: Alternating spirals ensure straight, reliable running.
- Versatile Use: Suitable for a wide range of applications.
- Low Maintenance: Easy to install, clean, and service.
- High Open Area: Allows excellent airflow and drainage.
- Strong & Smooth: Handles heavy loads with a flat surface and high tensile strength.

## Applications



Cooling



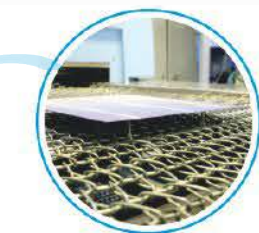
Meat poultry & seafood



Food Processing



Freezing



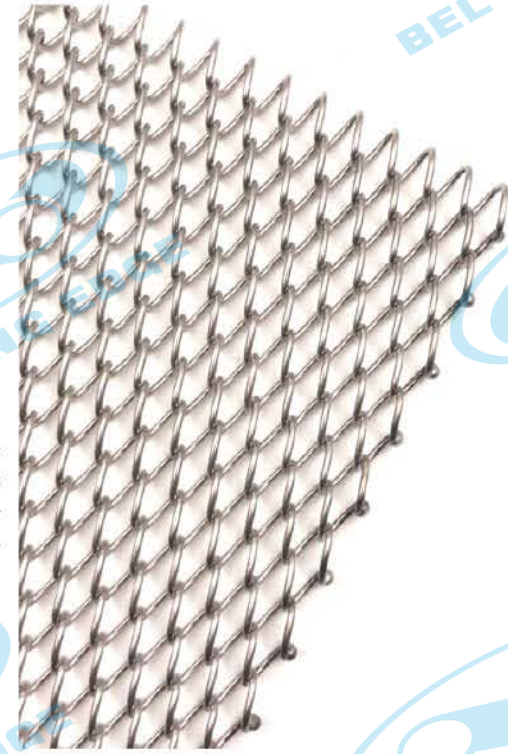
Solar

## CONVENTIONAL WEAVE BELT

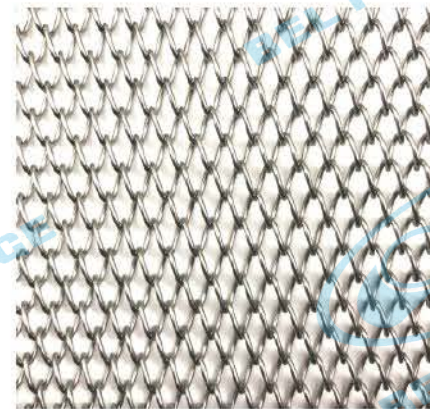
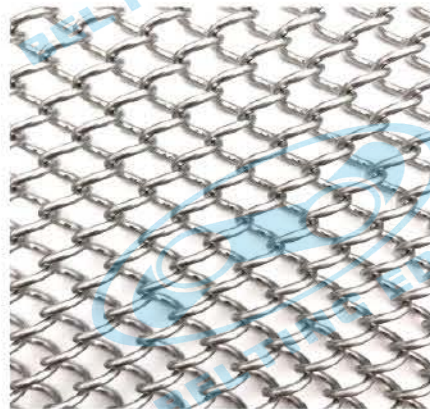
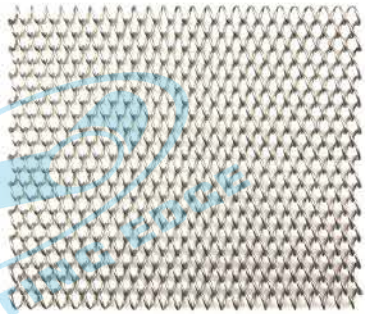
Conventional weave belts are made from single-direction spirals interwoven with adjacent spirals to form a uniform mesh.

These belts offer excellent flexibility, smooth operation, and a large open area for optimal airflow and circulation.

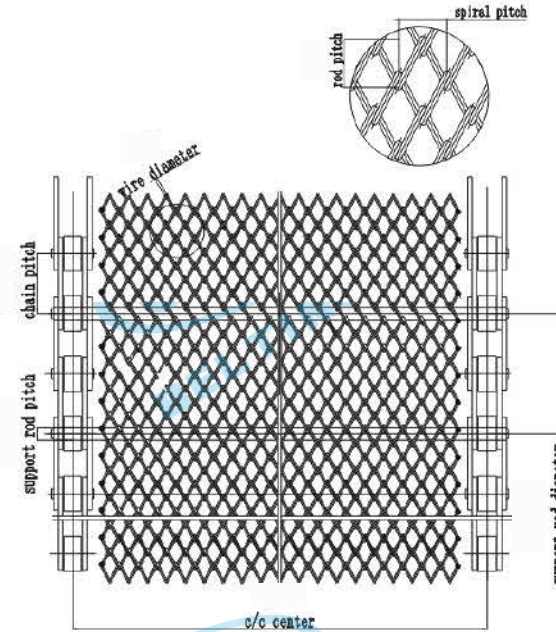
They are easy to install, maintain, and repair, making them ideal for continuous-use applications. Commonly used in food processing, electronics, and other light-to-medium duty conveying tasks.



### Product images



### Technical specifications



Material	Carbon Steel, SUS201, SUS304, SUS316
Wire diameter (mm)	1.2; 1.4; 1.5; 1.6; 1.8; 2; 2.5; 3
Rod pitch (mm)	5 - 30
Spiral pitch (mm)	6 - 40
Belt width (mm)	200 - 5000
Belt length	Customised
Sprocket	Material & sprocket is customised as per request

\*Special specifications are available

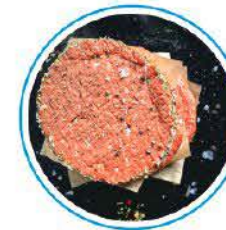
### Features

- Lightweight & Cost-Efficient: Optimized for energy savings and lower operational costs.
- Open Structure: Ideal for washing, cleaning, and drying applications.
- Directional Control: Belt creep can be minimized by alternating spiral winding direction at regular intervals.

### Applications



Cooling



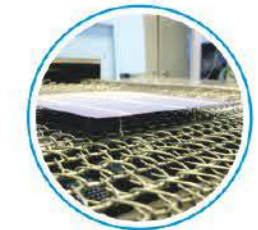
Meat poultry & seafood



Food Processing



Freezing



Solar

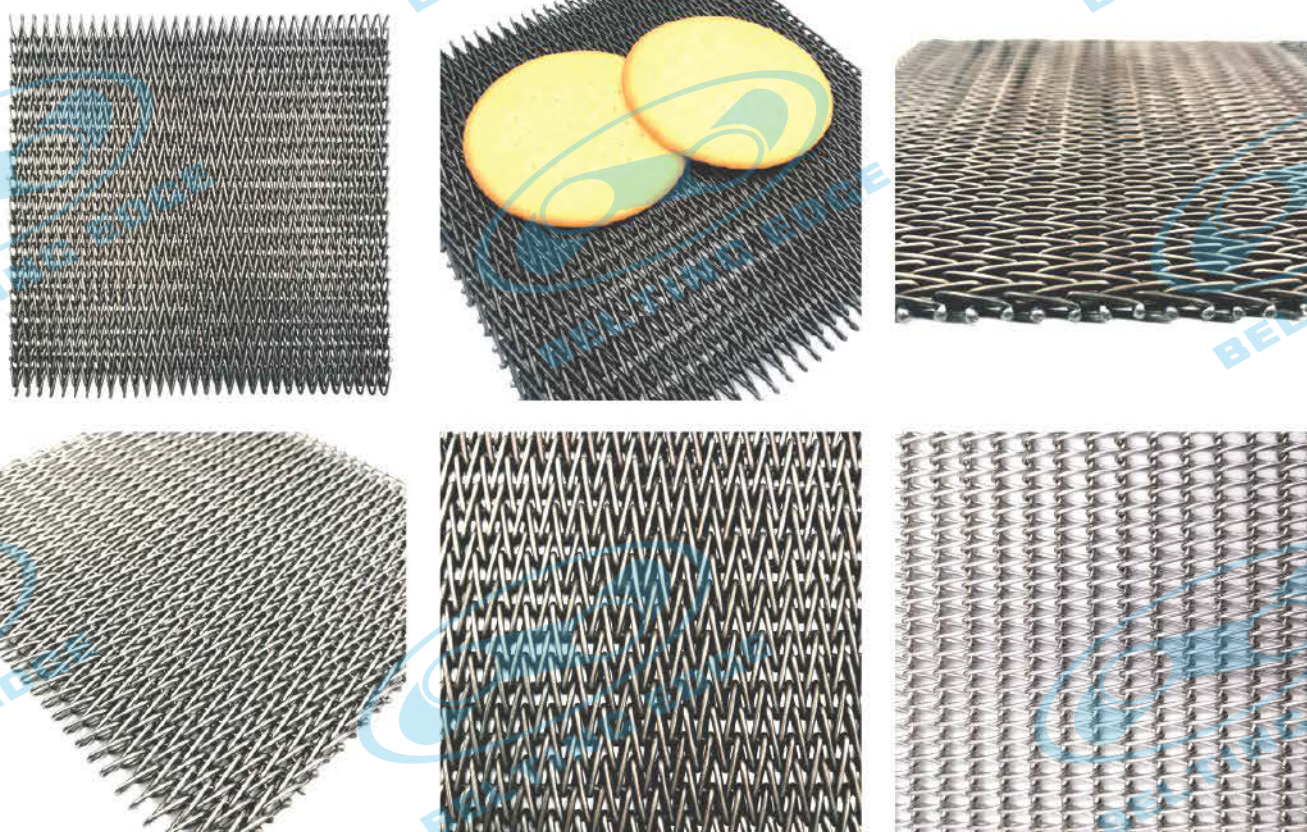
## ULTRA-THIN FLATTENED MESH BELT

Designed specifically for the baking industry, ultra-thin flattened mesh belts offer a lightweight, compact structure with reduced thickness and low thermal inertia. This allows for faster heat transfer, efficient air circulation, and consistent baking performance.

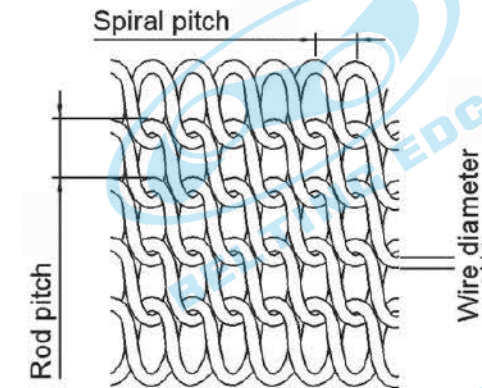
Constructed with high-strength materials, the belts maintain durability while offering excellent flexibility. Edges are looped or welded to ensure smooth contact with drums, especially small-diameter ones, and to protect against wear from side guides and scraper blades. An advanced manufacturing process ensures precise wire alignment, creating a mesh with a larger open area while maintaining strength. This design improves airflow, promotes even baking, and helps prevent product buildup for easier cleaning.



## Product images



## Technical specifications



Type	EBZ-47	EBZ-47-R	EBZ-48	EBZ-48-S	EBZ-28
Tooling: pitch (mm)	8.2	8.5	8.2	8.2	6.3
Wire diameter (mm)	1.2	1.5	1.3	1.4	1.0
Belt pitch (mm)	4	4.5	4.3	4.4	3.2
Belt pitch (mm)	5.4	5.2	6.8	6.7	3.9
Belt thickness (mm)	2.4	3	2.6	2.8	2
Weight (kg/m <sup>2</sup> )	7.0	12.2	7.4	8.2	6.5

## Features

- **Lightweight & Compact:** Reduced thickness and low thermal inertia for fast, energy-efficient baking.
- **Efficient Airflow:** Open mesh ensures excellent air circulation and even heat distribution.
- **High Strength & Quality:** Durable construction with reliable performance under continuous use.
- **Flexible Edge Design:** Looped or welded edges allow smooth operation over small-diameter drums.
- **Edge Protection:** Special edge finish prevents wear from side guards and scraper blades.

## Applications



Baking



Baking



Baking



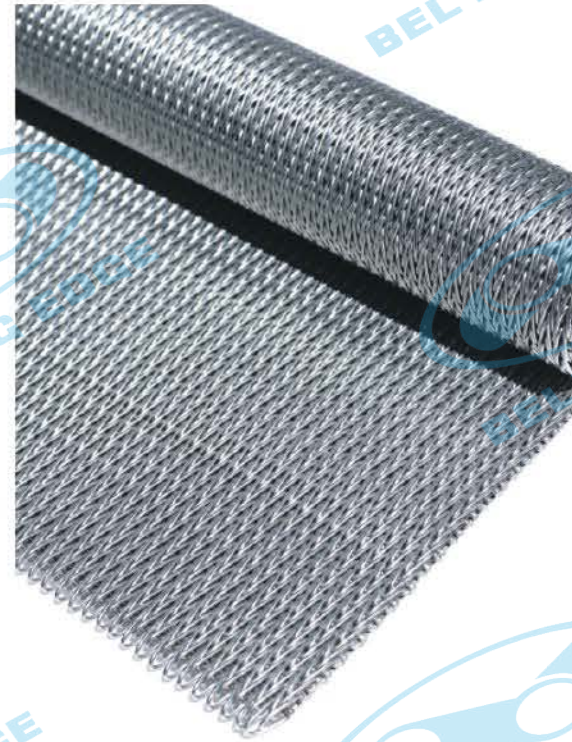
Food Processing



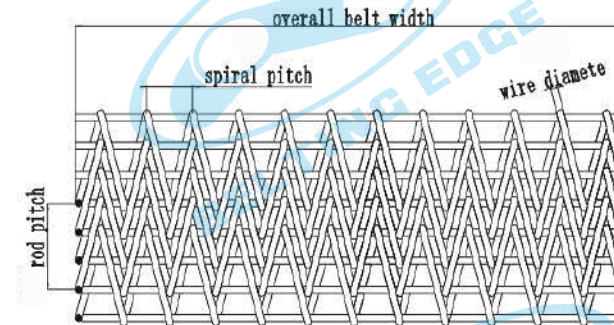
Snack and bakery

## COMPOUND WEAVE BELT

Compound weave belts are a variation of the balanced weave design, featuring alternating right- and left-hand spirals combined with primarily straight rods and occasional crimped rods. This construction creates a dense, smooth, and tightly woven mesh surface. The high-density structure makes these belts ideal for conveying small or fine products such as screws, bolts, nails, cookies, chemical granules, and similar items that require minimal gaps in the belt surface.



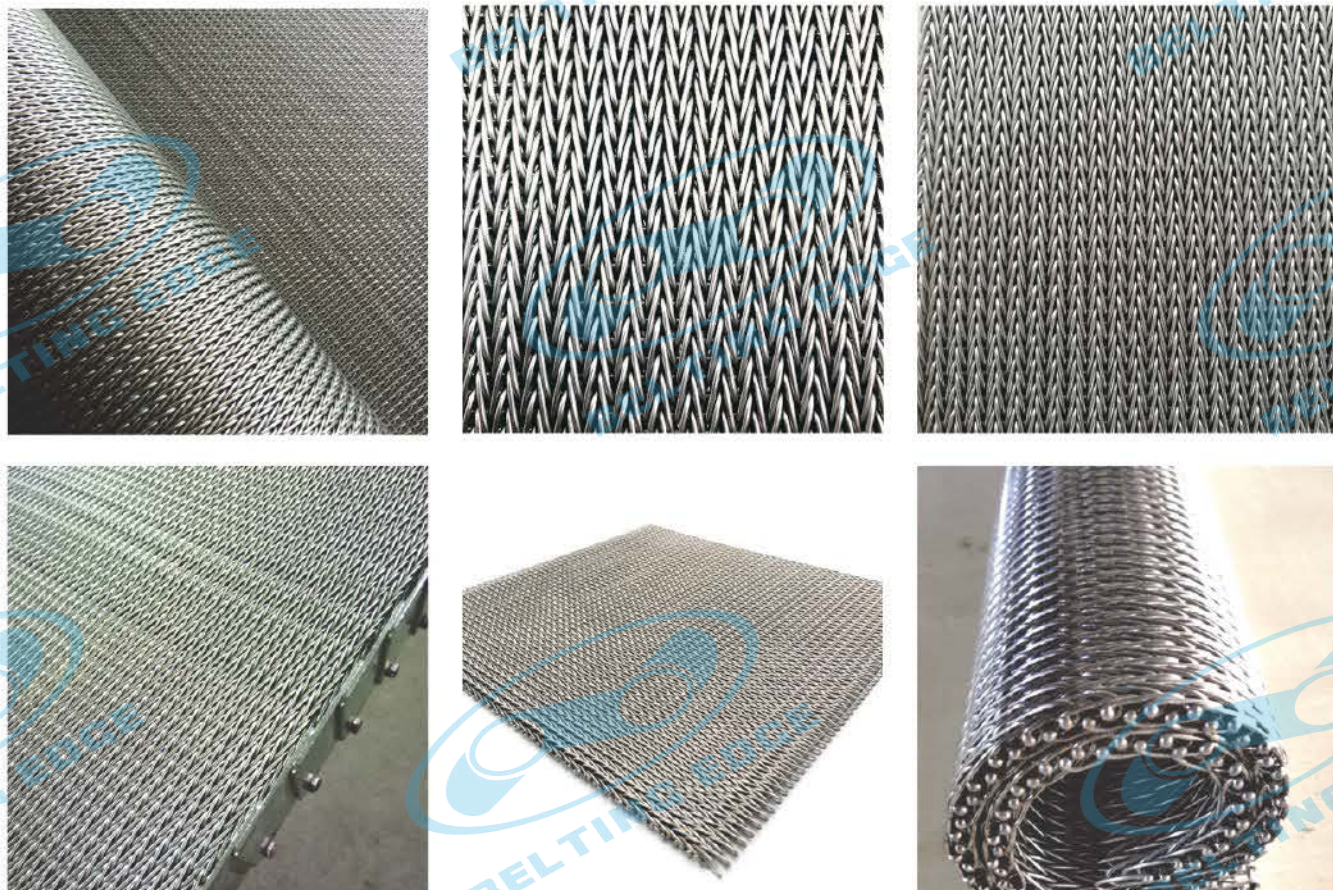
## Technical specifications



Material	Carbon Steel, SUS201, SUS304, SUS316, SUS314
Wire diameter (mm)	1.2; 1.4; 1.5; 1.6; 1.8; 2; 2.5; 3
Rod pitch (mm)	6 - 20
Spiral pitch (mm)	6 - 20
Belt width (mm)	200 - 3000
Model	CB2, CB3, CB4, CBS

\*Special specifications are available

## Product images



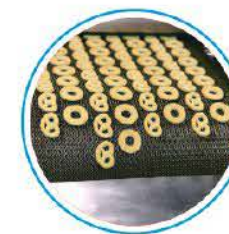
## Features

- Dense & Smooth Surface: Ideal for handling small, delicate, or unstable items.
- Precise Product Support: Excellent for conveying fine parts or top-heavy products without tipping.
- High Load Capacity: Designed to withstand high tension and support heavy loads.
- Pressure-Resistant: Suitable for processing applications involving pressure or compression.

## Applications



Powder Sintering Indust



Baking



Baking



Cooking



Heat Treatment