



# WALCOOM

Walcoom Corporation

# METAL CONVEYOR BELT

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# Metal Conveyor Belt

## Plate Conveyor Belt



Plate conveyor belt can be divided into three types: chain, perforated and convex plate conveyor belt. Chain plate conveyor belt can be made into L-shaped, U-shaped or rectangular according to the requirement of space. The holes on the surface of perforated plate conveyor belt with good heat dissipation function. Convex plate conveyor belt has protrusions on the surface that provides the product excellent non-slip to prevent product from falling.

### Feature

- High load capacity that can load heavy duty products.
- Self-supporting structure does not require any other support.
- Low maintenance and easy cleaning, only use water to clean.
- Anti-corrosion, anti-rust.
- Straight and curved types to suit different conveying line.
- Durable with longer lifespan.

### Specification

- **Material:** carbon steel plate, stainless steel plate.



Carbon steel plate conveyor belt



Stainless steel plate conveyor belt

- **Surface treatment:** hot dipped galvanized.
- **Side plate thickness (mm):** 1.5, 2.0 or 3.0.
- **Side plate height (mm):** 38.1, 50.8, 76.2, 101.6 or 152.4.



# Metal Conveyor Belt

- Type

- Chain plate conveyor belt

- ◆ Shape

- ▲ Straight: single/double hinged.

- ▲ Curved: flat/bevel edge.

- ◆ Plate thickness: 2.5–5 mm.

- ◆ Plate width (mm): 76.2, 82.6, 88.9, 101.6, 114.3, 127, 152.4 or 190. Customized width available.

- ◆ Pin/Rod diameter: 5–8 mm.

- ◆ Pin pitch (mm): 25.4, 31.75, 38.1 and 63.5.

- Perforated plate conveyor belt

- ◆ Cross rod diameter: 5–20 mm.

- ◆ Plate thickness: 1–4 mm.

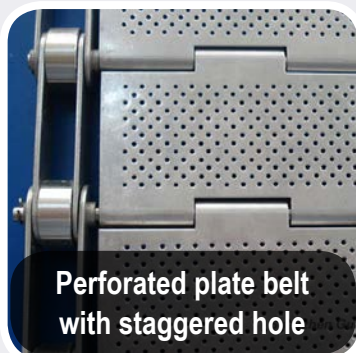
- ◆ Pitch: 25.4–125 mm.

- ◆ Hole shape: staggered/straight round, vertical/horizontal strip, slot, square.

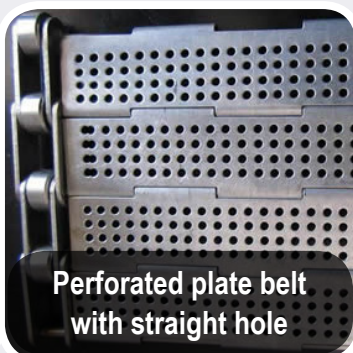
- Convex plate conveyor belt

- ◆ Transverse baffle

- ◆ Side plate.



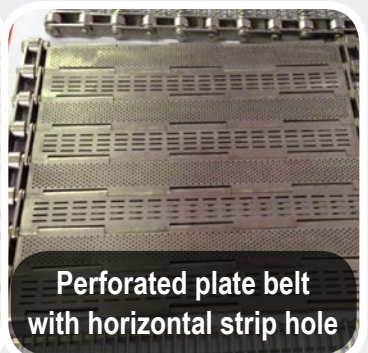
Perforated plate belt with staggered hole



Perforated plate belt with straight hole



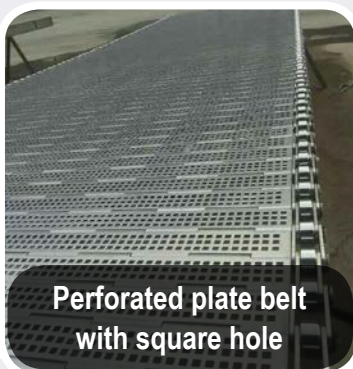
Perforated plate belt with vertical strip hole



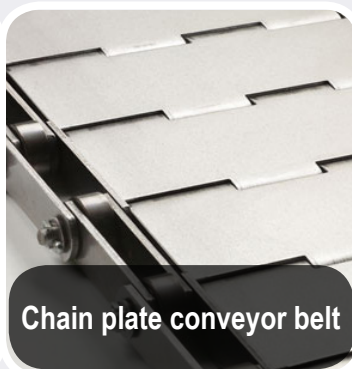
Perforated plate belt with horizontal strip hole



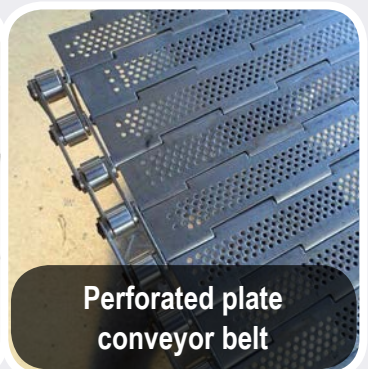
Perforated plate belt with slot hole



Perforated plate belt with square hole



Chain plate conveyor belt



Perforated plate conveyor belt



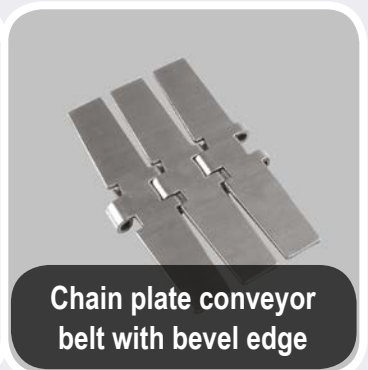
Straight chain plate conveyor belt



Curved chain plate conveyor belt



Chain plate conveyor belt with flat edge

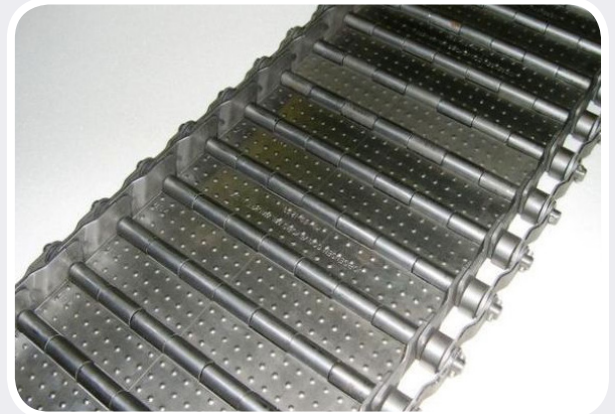


Chain plate conveyor belt with bevel edge

# Metal Conveyor Belt



Convex plate belt with transverse baffle



Convex plate conveyor belt with side plate

**Table 1: Specification of Single Hinged Straight Chain Plate Conveyor Belt**

Item	Plate Width (mm)	Weight (kg/m)	Pitch (mm)	Minimum Back-Flex Radius (mm)	Plate Thickness (mm)
SHSC-01	76.2	2.14	38.1	150	3.1
SHSC-02	82.6	2.61	38.1	150	3.1
SHSC-03	88.9	2.71	38.1	150	3.1
SHSC-04	101.6	3.28	38.1	150	3.1
SHSC-05	114.3	3.50	38.1	150	3.1
SHSC-06	127.0	3.59	38.1	150	3.1
SHSC-07	152.4	4.40	38.1	150	3.1
SHSC-08	190.5	5.30	38.1	150	3.1

**Table 2: Specification of Double Hinged Straight Chain Plate Conveyor Belt**

Item	Plate Width (mm)	Weight (kg/m)	Pitch (mm)	Minimum Back-Flex Radius (mm)	Plate Thickness (mm)
DHSC-01	190.5	5.87	38.1	50	3.1

**Table 3: Specification of Curved Chain Plate Conveyor Belt**

Item	Plate Width (mm)	Weight (kg/m)	Minimum Radius (mm)		Pitch (mm)	Plate Thickness (mm)
			Side-Flex	Back-Flex		
CCPB-01	82.5	3.08	460	100	38.1	3.1
CCPB-02	88.9	3.23	460	100	38.1	3.1
CCPB-03	101.6	3.49	460	100	38.1	3.1
CCPB-04	114.3	3.60	460	100	38.1	3.1
CCPB-05	152.4	4.54	460	100	38.1	3.1
CCPB-06	190.5	5.29	600	100	38.1	3.1

# Metal Conveyor Belt

**Table 4: Specification of Perforated Plate Conveyor Belt**

Item	Pitch (mm)	Rod Diameter (mm)	Plate Thickness (mm)
PPCB-01	25.4	5	1
PPCB-02	25.4	6	1
PPCB-03	25.4	6	1.5
PPCB-04	31.75	6	1
PPCB-05	31.75	6	1.5
PPCB-06	31.75	8	2
PPCB-07	38.1	6	1
PPCB-08	38.1	6	1.5
PPCB-09	38.1	8	1
PPCB-10	38.1	8	1.5
PPCB-11	38.1	8	2
PPCB-12	50.8	8	1
PPCB-13	50.8	8	1.5
PPCB-14	50.8	10	2
PPCB-15	50.8	10	3
PPCB-16	63.5	10	1.5
PPCB-17	63.5	10	2
PPCB-18	63.5	10	3
PPCB-19	80	8.0	1.5
PPCB-20	80	8.0	2
PPCB-21	80	10.0	2
PPCB-22	80	10.0	2.5
PPCB-23	100	10.0	1.5
PPCB-24	100	10	2
PPCB-25	100	10	2
PPCB-26	100	14	2
PPCB-27	100	14	3
PPCB-28	101.6	10	4
PPCB-29	101.6	14	4
PPCB-30	125	20	3

## Application

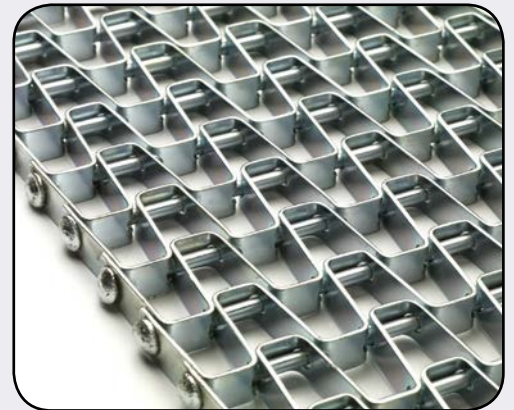
- Transport.
- Elevating.
- Brewery.
- Drainage.
- De-elevating.
- Dairy.
- Sorting.
- Blanching.
- Incline conveying.
- Waste treatment.
- Food processing.

# Metal Conveyor Belt

## Flat Conveyor Belt

There are three types of flat conveyor belts in Walcoom: flat wire belt, eye flex conveyor belt and compound weave conveyor belt.

The high strength to weight ratio of the flat wire belt prevents it from deforming under heavy loads, and a very large opening area keeps air flowing. The side guards can be provided on your request, it can be used to control the height of the product and prevent it from falling due to excessive build-up. Compound weave conveyor belt has tighter conveyor face that has been ideal for barbecues and small products.



### Feature

- High strength to weight ratio prevents belt from deforming under heavy loads.
- Anti-slip, high temperature resistance.
- Large opening area for excellent air circulation.
- Low maintenance, easy to clean and install.
- Durable with longer lifespan.

### Specification

- **Material:** galvanized low carbon steel C1015, high carbon steel C-1045, C1050, stainless steel T-304, T-306.
- **Type**
  - **Flat wire belt**
    - ◆ **Mesh size (inch):**  $1 \times 1$ ,  $1/2 \times 1$ ,  $1/2 \times 1/2$ ,  $3/4 \times 1$ .
    - ◆ **Belt width:** 3"—240". Special width can be customized.
    - ◆ **Flat strip**
      - ▲ **Standard (inch):**  $3/8 W \times 0.046 T$ , round edge.
      - ▲ **Radius (inch):**  $1/2 W \times 0.062 T$ , round edge.
      - ▲ **Heavy duty (inch):**  $1/2 W \times 0.062 T$ , round edge.
    - ◆ **Cross rod**
      - ▲ **Standard:** 11 & 12 gauge.
      - ▲ **Radius:** 6 gauge.
      - ▲ **Heavy duty:** 6 gauge.
    - ◆ **Edge style:** clinched edge, welded edge.
    - ◆ **Belt speed:** from less than 1 m/min to 25 m/min.
    - ◆ **Temperature range:** -30 °C to 400 °C.
    - ◆ **Accessories:** flight clip, lane divider, edge guard or pin up attachment.
  - **Eye flex conveyor belt:** standard, under welded wire spacing, ring as spacer, spring as spacer.
    - ◆ **Opening area:** 20%–90%.
    - ◆ **Belt gap:** 0.08"—1.97".

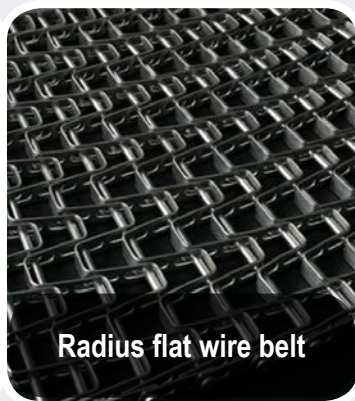


# Metal Conveyor Belt

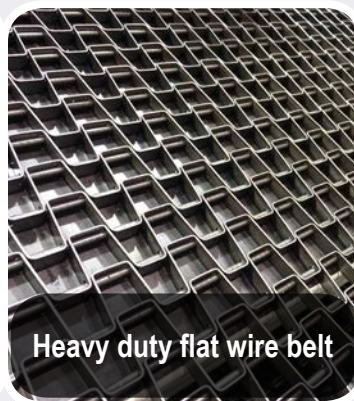
- ◆ Diameter of wire link: 0.06" with light and fine structures to 0.16" for heavy load applications.
- ◆ Width: 1.97"–275.6".
- ◆ Length: according to your requirements.
- Compound weave conveyor belt
  - ◆ Coil wire diameter (inch): 0.04, 0.05, 0.06, 0.08.
  - ◆ Cross rod diameter (inch): 0.05, 0.06, 0.08, 0.1.
  - ◆ Width: up to 118.11".
  - ◆ Coil pitch (inch): 0.17–0.44.
  - ◆ Cross rod pitch (inch): 0.09–0.2.
  - ◆ Edge finish: welded edge, chain edge.



Standard flat wire belt



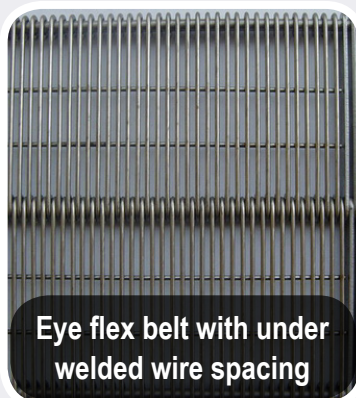
Radius flat wire belt



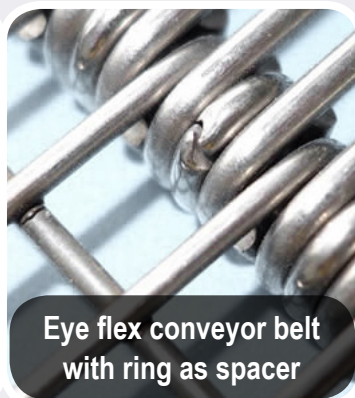
Heavy duty flat wire belt



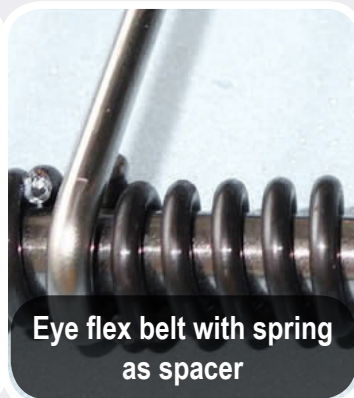
Standard eye flex conveyor belt



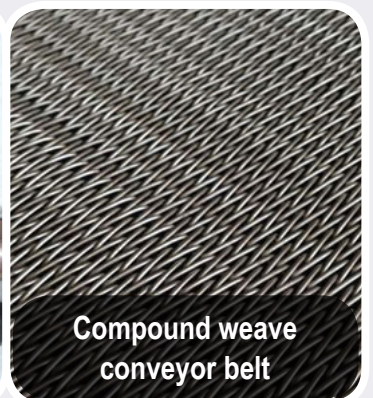
Eye flex belt with under welded wire spacing



Eye flex conveyor belt with ring as spacer



Eye flex belt with spring as spacer



Compound weave conveyor belt

**Table 5: Specification of Standard Flat Wire Belt**

Item	Mesh (inch)	Flat Strip (inch)	Cross Rod (Gauge)	Edge	Width (inch)	Max. Tension (lbs/ft.)	Approx Weight (lbs/square feet)
SFWB-01	1 × 1	3/8 × 0.046	12	clinched	4.5–240	480	1.85
SFWB-02	1/2 × 1	3/8 × 0.046	12	clinched	4.125–240	660	2.20
SFWB-03	1/2 × 1	3/8 × 0.046	12	clinched	4.125–240	660	2.50
SFWB-04	3/4 × 1	3/8 × 0.046	11	clinched	4.5–240	550	2.00
SFWB-05	1 × 1	3/8 × 0.046	12	welded	3.0–240	480	1.85
SFWB-06	1/2 × 1	3/8 × 0.046	12	welded	3.25–240	660	2.20
SFWB-07	1/2 × 1	3/8 × 0.046	11	welded	3.25–240	660	2.50
SFWB-08	1/2 × 1/2	3/8 × 0.046	12	welded	3.0–240	750	3.25

※ **Note:** Please contact us if you don't find the specification for your application.

# Metal Conveyor Belt

**Table 6: Specification of Heavy Duty Flat Wire Belt**

Item	Mesh (inch)	Flat Strip (inch)	Cross Rod (Gauge)	Edge	Width (inch)
HDFB-01	1 × 1	1/2 × 0.062	6	clinched	10–192
HDFB-02	1/2 × 1	1/2 × 0.062	6	clinched	10–192
HDFB-03	1 × 1	1/2 × 0.062	6	welded	3–192
HDFB-04	1/2 × 1	1/2 × 0.062	6	welded	4–192
HDFB-05	1/2 × 1	1/2 × 0.062	6	welded	6–192

※ **Note:** Please contact us when you need special specification other than the ones above.

**Table 7: Specification of Radius Flat Wire Belt**

Item	Mesh (inch)	Flat Strip (inch)	Cross Rod (Gauge)	Edge	Width (inch)
RFWB-01	1 × 1	1/2 × 0.062	6 gauge	welded	10–192
RFWB-02	1/2 × 1	1/2 × 0.062	6 gauge	welded	10–192

※ **Note:** Please contact us if you can't find the specification you need in the table above.

**Table 8: Specification of Standard Eye Flex Conveyor Belt**

Item	Belt Pitch	Wire Diameter	Cross Rod Diameter	Minimum Gap Spacing
SEFB-01	0.98"	0.08"	0.2"	0.08"
SEFB-02	1.00"	0.08"	0.2"	0.08"
SEFB-03	1.18"	0.06"	0.16"	0.06"
SEFB-04	1.18"	0.08"	0.16"	0.08"
SEFB-05	1.18"	0.08"	0.2"	0.08"
SEFB-06	1.25"	0.08"	0.2"	0.08"
SEFB-07	1.97"	0.06"	0.2"	0.06"
SEFB-08	1.97"	0.06"	0.2"	0.06"
SEFB-09	1.97"	0.08"	0.2"	0.08"
SEFB-10	1.97"	0.1"	0.2"	0.1"
SEFB-11	1.97"	0.1"	0.24"	0.1"
SEFB-12	1.97"	0.12"	0.31"	0.12"
SEFB-13	2.00"	0.06"	0.2"	0.06"
SEFB-14	2.00"	0.06"	0.31"	0.06"
SEFB-15	2.00"	0.08"	0.24"	0.08"
SEFB-16	2.00"	0.08"	0.31"	0.08"
SEFB-17	2.00"	0.10"	0.24"	0.10"
SEFB-18	2.00"	0.10"	0.31"	0.10"



# Metal Conveyor Belt

<b>SEFB-19</b>	2.00"	0.12"	0.31"	0.12"
<b>SEFB-20</b>	2.00"	0.16"	0.31"	0.16"
<b>SEFB-21</b>	2.36"	0.08"	0.2"	0.08"
<b>SEFB-22</b>	2.36"	0.10"	0.2"	0.10"
<b>SEFB-23</b>	2.76"	0.16"	0.28"	0.16"
<b>SEFB-24</b>	2.95"	0.10"	0.2"	0.10"
<b>SEFB-25</b>	2.95"	0.10"	0.31"	0.10"
<b>SEFB-26</b>	3.94"	0.12"	0.31"	0.12"

**Table 9: Specification of Eye Flex Conveyor Belt with Under Welded Wire Spacing**

Item	Belt Pitch	Wire Diameter	Cross Rod Diameter	Minimum Gap Spacing
<b>EBUW-1</b>	0.98"	0.08"	0.2"	0.2"
<b>EBUW-2</b>	1.0"	0.08"	0.2"	0.2"
<b>EBUW-3</b>	1.18"	0.08"	0.16"	0.16"
<b>EBUW-4</b>	1.18"	0.08"	0.2"	0.2"
<b>EBUW-5</b>	1.97"	0.08"	0.2"	0.2"
<b>EBUW-6</b>	1.97"	0.1"	0.2"	0.24"
<b>EBUW-7</b>	1.97"	0.1"	0.24"	0.31"
<b>EBUW-8</b>	2.0"	0.1"	0.31"	0.31"
<b>EBUW-9</b>	2.0"	0.12"	0.31"	0.31"
<b>EBUW-10</b>	2.95"	0.1"	0.2"	0.2"
<b>EBUW-11</b>	2.95"	0.1"	0.31"	0.31"

**Table 10: Specification of Eye Flex Conveyor Belt with Ring as Spacer**

Item	Belt Pitch	Wire Diameter	Cross Rod Diameter	Minimum Gap Spacing
<b>EFRS-01</b>	0.98"	0.08"	0.2"	0.08"
<b>EFRS-02</b>	1.00"	0.08"	0.2"	0.08"
<b>EFRS-03</b>	1.18"	0.08"	0.16"	0.08"
<b>EFRS-04</b>	1.18"	0.08"	0.2"	0.08"
<b>EFRS-05</b>	1.25"	0.08"	0.2"	0.08"
<b>EFRS-06</b>	1.97"	0.08"	0.2"	0.08"
<b>EFRS-07</b>	1.97"	0.1"	0.2"	0.1"
<b>EFRS-08</b>	1.97"	0.1"	0.24"	0.1"
<b>EFRS-09</b>	2.00"	0.1"	0.24"	0.1"
<b>EFRS-10</b>	2.0"	0.1"	0.31"	0.1"
<b>EFRS-11</b>	2.0"	0.16"	0.31"	0.16"
<b>EFRS-12</b>	2.36"	0.08"	0.2"	0.08"
<b>EFRS-13</b>	2.36"	0.1"	0.2"	0.1"
<b>EFRS-14</b>	2.95"	0.1"	0.2"	0.1"
<b>EFRS-15</b>	2.95"	0.1"	0.31"	0.1"

# Metal Conveyor Belt

**Table 11: Specification of Eye Flex Conveyor Belt with Spring as Spacer**

Item	Belt Pitch	Wire Diameter	Cross Rod Diameter	Gap Spacing (min)
EFSS-01	0.98"	0.08"	0.2"	0.28"–0.79"
EFSS-02	1.0"	0.08"	0.2"	0.28"–0.79"
EFSS-03	1.18"	0.08"	0.16"	0.28"–0.79"
EFSS-04	1.18"	0.08"	0.2"	0.28"–0.79"
EFSS-05	1.25"	0.08"	0.2"	0.28"–0.79"
EFSS-06	1.97"	0.08"	0.2"	0.28"–0.79"
EFSS-07	1.97"	0.1"	0.2"	0.3"–0.79"
EFSS-08	1.97"	0.1"	0.24"	0.3"–0.79"
EFSS-09	1.97"	0.12"	0.31"	0.41"–0.79"
EFSS-10	2.0"	0.08"	0.24"	0.28"–0.79"
EFSS-11	2.0"	0.08"	0.31"	0.31"–0.79"
EFSS-12	2.0"	0.1"	0.24"	0.3"–0.79"
EFSS-13	2.0"	0.1"	0.31"	0.39"–0.79"
EFSS-14	2.0"	0.12"	0.31"	0.41"–0.79"
EFSS-15	2.0"	0.16"	0.31"	0.47"–0.79"
EFSS-16	2.36"	0.08"	0.2"	0.28"–0.79"
EFSS-17	2.36"	0.1"	0.2"	0.30"–0.79"
EFSS-18	2.76"	0.16"	0.28"	0.47"–0.79"
EFSS-19	2.95"	0.1"	0.2"	0.3"–0.79"
EFSS-20	2.95"	0.1"	0.31"	0.39"–0.79"
EFSS-21	3.94"	0.12"	0.31"	0.41"–0.79"

**Table 12: Specification of Compound Weave Conveyor Belt**

Item	Coil Wire Diameter (inch)	Coil Pitch (inch)	Cross Rod Diameter (inch)	Cross Pitch (inch)	Number of Cross Rod Per Coil
CWCB-01	0.05	0.2	0.05	0.12	3
CWCB-02	0.08	0.44	0.08	0.17	4
CWCB-03	0.08	0.4	0.1	0.2	4
CWCB-04	0.04	0.17	0.05	0.09	4
CWCB-05	0.06	0.33	0.06	0.14	4
CWCB-06	0.05	0.25	0.05	0.11	4

## Application

- Food baking, cooling and freezing.
- Washing.
- Annealing.
- Blanching.
- Transporting.
- Chemical industry.
- Drying.
- Cooking.
- Frying.
- Sieving.
- Dewatering.
- Heating.
- Loading.
- Sorting.
- Drainage.
- Cladding.
- Elevating.

## Ladder Conveyor Belt

Ladder conveyor belt mainly include common ladder conveyor belt and flat flex conveyor belt in Walcoom, it is the simplest type of structure for all types of metal conveyor belts, just simply combine the rods and links with various edges. Ladder conveyor belt is made of stainless steel, carbon steel and galvanized steel, and the intensity of the material is very high, so it can be applied to many occasions. In addition, the opening area ratio of 86% enables greater air flow to increase the efficiency of cooling, heating, drainage and drying performance.



### Feature

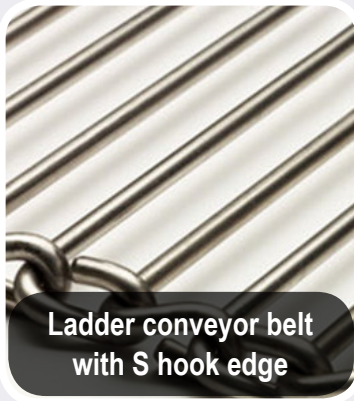
- High tensile strength.
- High open structure, high proportion of opening area up to 86%, good air circulation.
- High temperature resistance, non-slip, anti-corrosion and anti-rust.
- Side guards can be added to prevent products from falling down the ground.
- Easy to clean and save maintenance cost.
- Easy to install and remove, durable with longer lifespan.

### Specification

- **Material:** carbon steel, stainless steel, galvanized steel.
- **Type**
  - **Ladder conveyor belt:** standard, curved
    - ◆ **Speed:** from less than 1 m/min to 20 m/min. (High speed quicker than 20 m/min may affect the longevity of the conveyor belt).
    - ◆ **Temperature range:** -100 °C to 300 °C.
    - ◆ **Edge type:** S-hook edge, chain link edge, U-shaped link edge.
  - **Flat flex conveyor belt:** straight, curved, convex, concave
    - ◆ **Opening area:** 67.5% to 86%.
    - ◆ **Wire diameter:** 0.9–2.35 mm.
    - ◆ **Pitch:** 4.24–20.32 mm. Other pitches can be customized.
    - ◆ **Belt width:** 76.2 mm to 4267.2 mm or custom width as your request.
    - ◆ **Edge type:** single loop edge, double loop edge, C-shaped loop edge.



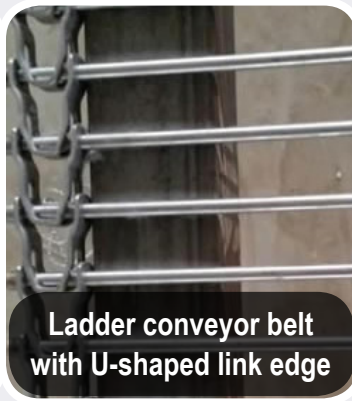
# Metal Conveyor Belt



Ladder conveyor belt with S hook edge



Ladder conveyor belt with chain link edge



Ladder conveyor belt with U-shaped link edge



Standard ladder conveyor belt



Curved ladder conveyor belt



Straight flat flex conveyor belt



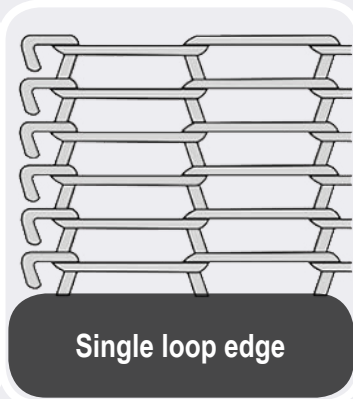
Curved flat flex conveyor belt



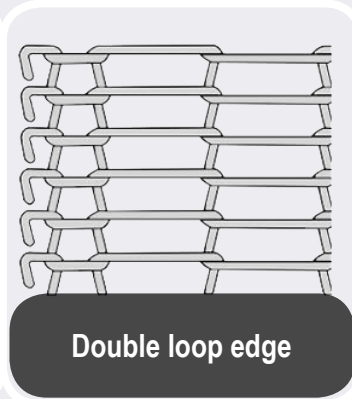
Convex flat flex conveyor belt



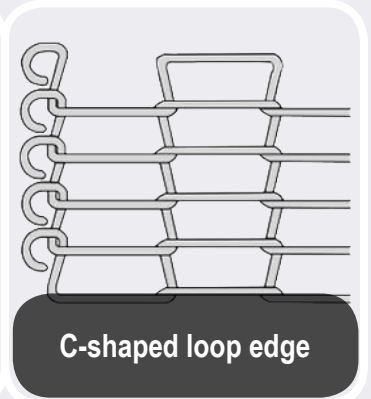
Concave flat flex conveyor belt



Single loop edge



Double loop edge



C-shaped loop edge

**Table 13: Specification of Straight Ladder Conveyor Belt**

Item	Pitch (mm)	Rod Diameter (mm)	Maximum Width (mm)
SLCB-01	0.05	0.2	0.05
SLCB-02	0.08	0.44	0.08
SLCB-03	0.08	0.4	0.1
SLCB-04	0.04	0.17	0.05

**Table 14: Specification of Curved Ladder Conveyor Belt**

Item	Pitch (mm)	Rod Diameter (mm)	Inside Radius (mm)	Available Width (mm)
CLCB-01	12.7	3.66	598.5	229/305/381/457/762
CLCB-02	15.87	4.47	762	305/381/457/610/762

# Metal Conveyor Belt

**Table 15: Specification of Straight Ladder Conveyor Belt with S-Hook Edge**

Item	Pitch (mm)	Rod Diameter (mm)	Maximum Width (mm)
SLBS-01	12.7	3.66	7462
SLBS-02	15.87	4.47	914
SLBS-03	19.05	4.88	914
SLBS-04	25.4	4.88	914

**Table 16: Specification of Curved Ladder Conveyor Belt with S-Hook Edge**

Item	Pitch (mm)	Rod Diameter (mm)	Maximum Width (mm)	Available Width (mm)
CLBS-01	12.7	3.66	598.5	229/305/381/457/762
CLBS-02	15.87	4.47	762	305/381/457/610/762/914

**Table 17: Specification of Flat Flex Conveyor Belt**

Item	Wire Diameter (mm)	Pitch (mm)	Opening Area	Edge Type
FFCB-01	0.9	4.24	77%	single/double
FFCB-02	0.9	5.64	82%	single/double
FFCB-03	1.0	5.5	79%	single/double
FFCB-04	1.0	5.6	79.5%	single/double
FFCB-05	1.27	4.3	67%	single
FFCB-06	1.27	5.5	73%	single/double
FFCB-07	1.27	6.0	76%	single/double
FFCB-08	1.27	6.35	77%	single/double
FFCB-09	1.27	7.26	80%	single/double/C-shaped
FFCB-10	1.4	6.4	76%	single/C-shaped
FFCB-11	1.6	7.26	75%	single/double/C-shaped
FFCB-12	1.83	12.0	81%	single
FFCB-13	1.83	12.7	82%	single/C-shaped
FFCB-14	2.08	9.60	75%	single/C-shaped
FFCB-15	2.35	12.7	78%	single/C-shaped
FFCB-16	2.35	20.32	85%	single
FFCB-17	2.80	12.7	72%	single/C-shaped

## Application

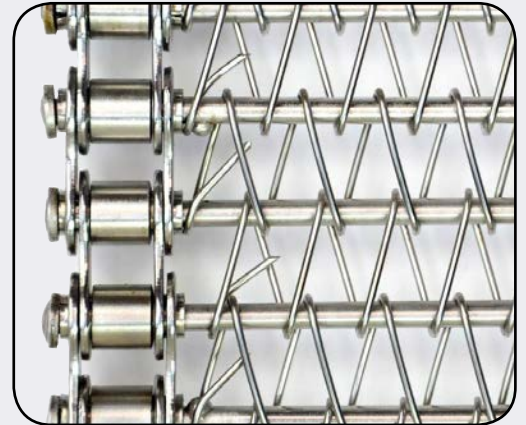
Ladder conveyor belt can be used for following aspects in food processing, transporting, waste treatment system, product sieving and sorting system, blanching and product handling system.

- Cooking.
- Baking.
- Freezing.
- Frying.
- Heating.
- Drying.
- Drainage.
- Battering.
- Cooling.
- Washing.
- Elevating.
- Transport.
- Filing.
- Turning.
- De-Elevating.

# Metal Conveyor Belt

## Flat Spiral Conveyor Belt

Flat spiral conveyor belt consists of a series of alternating single or double spiral wires, which can be round and flat, they can be added crimped or straight cross rods. And the alternating structure effectively reduces downtime. So flat spiral conveyor belt is an economic choice, it provides a flat loading surface for small products or easily broken products.

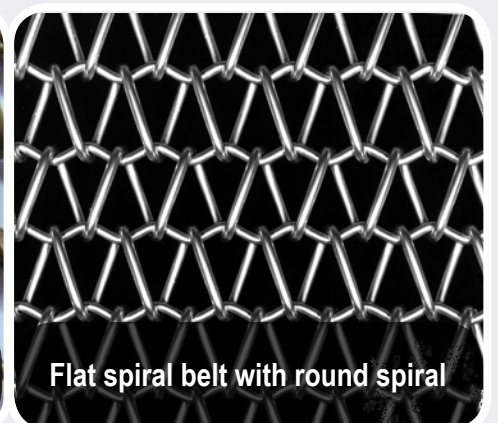
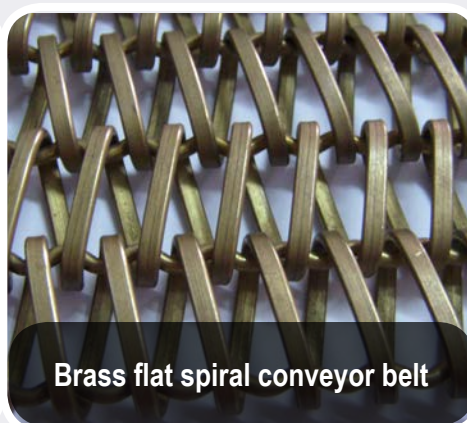
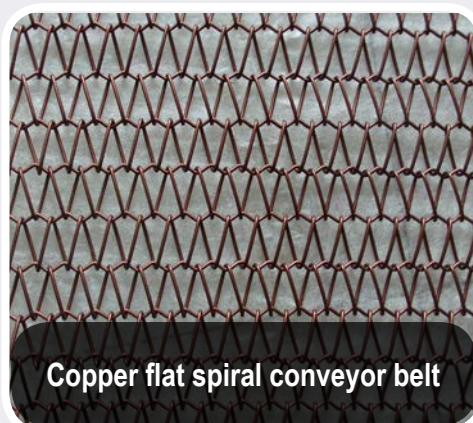


### Feature

- Excellent strength to weight ratio but with maximum flexibility.
- High temperature resistance, anti-corrosion and anti-rust, resistant to acid and alkaline.
- Stable product conveying without slipping, gripping and jamming, good air circulation.
- Side board can be added to prevent products from falling down to the ground.
- Complying with food safety standards such as FDA, GMP and others up your request.
- Durable, low maintenance cost, quick and easy install and replacement.

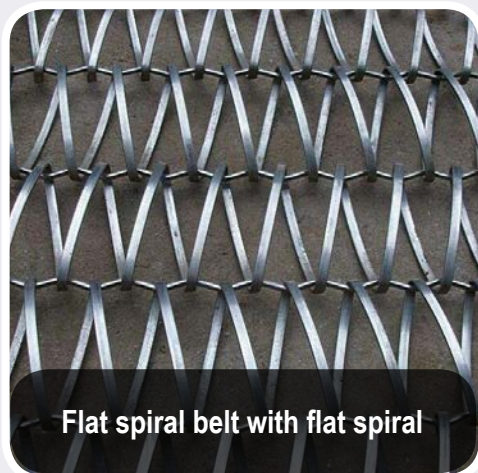
### Specification

- **Material:** stainless steel 304, 314, 316, 316L, carbon steel, copper steel, brass steel and other types are available.
- **Surface treatment:** galvanized, 3% chromium plate, manganese plated.
- **Spiral diameter:** 0.9–3.0 mm.
- **Cross wire diameter:** 1.2–4.0 mm.
- **Flat wire size (mm):** from  $1 \times 0.7$  to  $6 \times 3$ .
- **Spiral wire pitch:** 4–22 mm.
- **Cross rod pitch:** 4–33 mm.
- **Belt width:** up to 5 meters or more upon your request.
- **Belt speed:** 0.5 m/min to 60 m/min.
- **Edge type:** welded edge, hook edge, laddered edge, chain link edge.





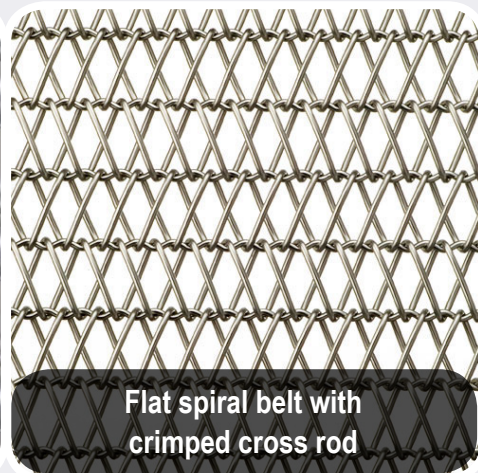
# Metal Conveyor Belt



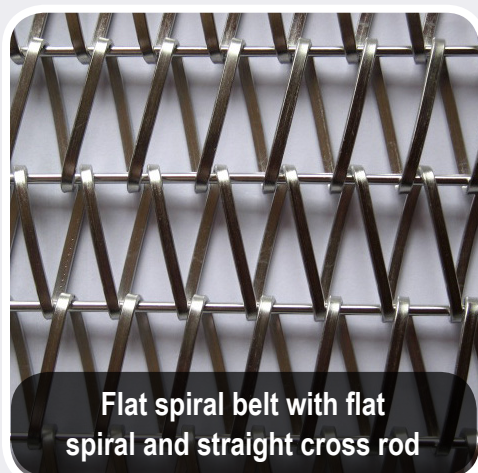
Flat spiral belt with flat spiral



Flat spiral belt with straight cross rod



Flat spiral belt with crimped cross rod



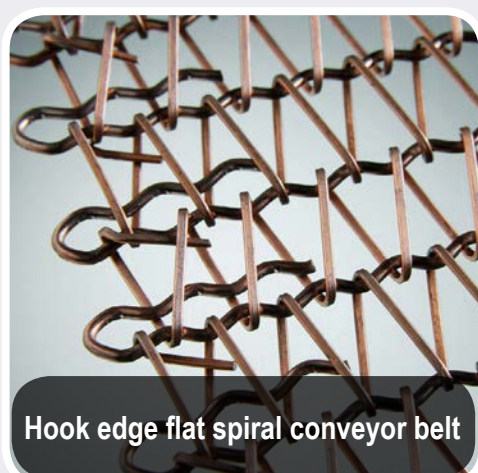
Flat spiral belt with flat spiral and straight cross rod



Flat spiral belt with double wires



Welded edge flat spiral conveyor belt



Hook edge flat spiral conveyor belt



Laddered edge flat spiral conveyor belt



Chain link edge flat spiral conveyor belt

# Metal Conveyor Belt

Table 18: Specification of Flat Spiral Conveyor Belt

Item	Spiral Wire Pitch (mm)	Cross Rod Pitch (mm)	Spiral Wire Diameter (mm)	Cross Wire Diameter (mm)
FSCB-01	4	4	0.9-1.2	1.2-1.6
FSCB-02	5	6.4	0.9-1.2	1.2-1.6
FSCB-03	5	5	0.9-1.6	1.2-1.6
FSCB-04	6	6	0.9-1.6	1.2-1.6
FSCB-05	6	8	0.9-1.2	1.2-1.6
FSCB-06	6	10	0.9-1.6	1.2-1.6
FSCB-07	8	12	1.2-2.0	1.2-2.5
FSCB-08	8	13	1.2-2.0	1.2-2.5
FSCB-09	8	15	1.2-2.0	1.2-2.5
FSCB-10	11	15	1.2-2.0	1.2-2.5
FSCB-11	11	20	1.6-3.0	1.6-3.0
FSCB-12	11	25	1.6-3.0	1.6-3.0
FSCB-13	11	27	1.6-3.0	1.6-3.0
FSCB-14	15	20	1.6-3.0	1.6-3.0
FSCB-15	15	25	1.6-3.0	1.6-3.0
FSCB-16	22	23	1.6-3.0	1.6-3.0
FSCB-17	22	33	1.6-3.0	2.0-4.0

※ **Note:** Custom specification is available if you can't find the suitable size.

## Application

Flat spiral conveyor belt is widely used for many aspects in food processing, chemical, metalworking and hardening, glass and ceramic industry, such as:

- Cooling.
- Drainage.
- Heating.
- Decoration.
- Drying.
- Curing.
- Forming.
- Food processing.
- Washing.
- Cladding.
- Cooking.
- Industrial.
- Baking.
- Coating.
- Annealing.



# Metal Conveyor Belt

## Chain Link Conveyor Belt

Standard chain link conveyor belt is ideal for drying, cooling and heating because it has a large area of opening area that keeps air flowing. And it also increases delivery efficiency and reduces downtime during use. Reinforced chain link conveyor belt is stronger than the standard. The reinforced rod not only increases the strength of the belt, but also keeps the belt steady during transport. Certainly, double reinforced chain link conveyor belt with a smaller opening area and greater strength.

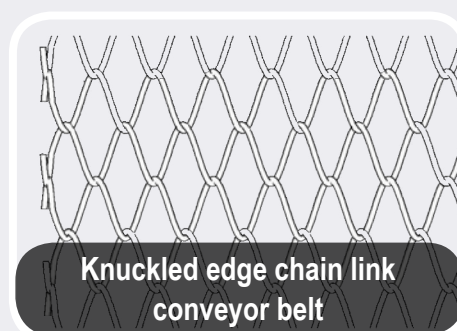
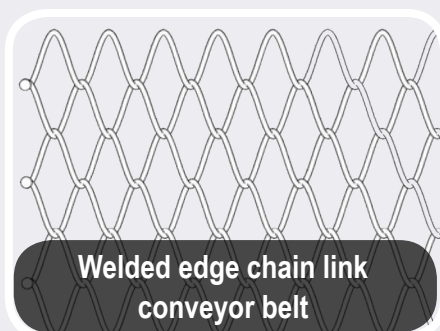
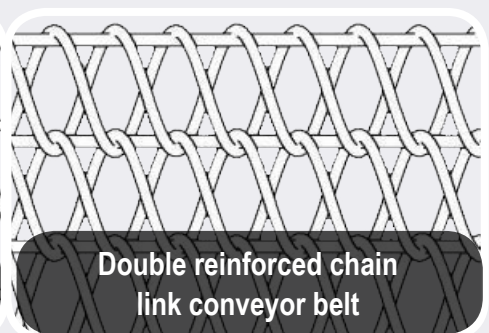
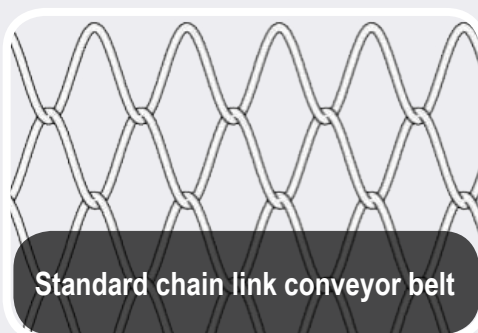


### Feature

- Simple structure, only made of several spiral coils.
- Large opening area with good air circulation, ideal for drying and cooling.
- Welded or knuckled edge for your choice.
- Side and center baffles can be added to the conveyor belt to prevent the products from falling down to the ground.
- Economical. The simple structure makes it economical than other types of conveyor belt.

### Specification

- **Material:** low carbon steel, stainless steel.
- **Chain link belt type:** standard, reinforced, double reinforced.
- **Edge type:** welded edge, knuckled edge.





# Metal Conveyor Belt

**Table 19: Specification of Standard Chain Link Conveyor Belt**

Item	Wire Diameter (mm)	Spiral Coil Quantity	Belt Thickness (mm)
<b>SCLB-01</b>	2.8	84	10 ± 0.5
<b>SCLB-02</b>	2.2	100	8 ± 0.4
<b>SCLB-03</b>	1.6	69	7 ± 0.4
<b>SCLB-04</b>	1.2	100	6.5 ± 0.4
<b>SCLB-05</b>	1.1	182	6 ± 0.4
<b>SCLB-06</b>	0.9	153	6 ± 0.4

**Table 20: Specification of Reinforced Chain Link Conveyor Belt**

Item	Wire Diameter (mm)	Cross Rod Diameter (mm)	Spiral Coil Quantity	Belt Thickness (mm)
<b>RCLB-01</b>	3.5	4	25	14 ± 0.6
<b>RCLB-02</b>	3.5	3.5	50	14 ± 0.6
<b>RCLB-03</b>	2.8	2.8	50	11 ± 0.5
<b>RCLB-04</b>	2.0	2.0	100	9 ± 0.4
<b>RCLB-05</b>	1.6	1.6	100	7 ± 0.4
<b>RCLB-06</b>	0.9	0.9	200	6 ± 0.4

**Table 21: Specification of Double Reinforced Chain Link Conveyor Belt**

Item	Wire Diameter (mm)	Cross Rod Diameter (mm)	Spiral Coil Quantity	Belt Thickness (mm)
<b>DRCL-01</b>	3.5	3.5	100	14 ± 0.6
<b>DRCL-02</b>	2.8	2.8	132	12 ± 0.5
<b>DRCL-03</b>	2.8	2.8	118	11 ± 0.5
<b>DRCL-04</b>	2.0	2.0	200	9 ± 0.4
<b>DRCL-05</b>	1.6	1.6	250	7.5 ± 0.4

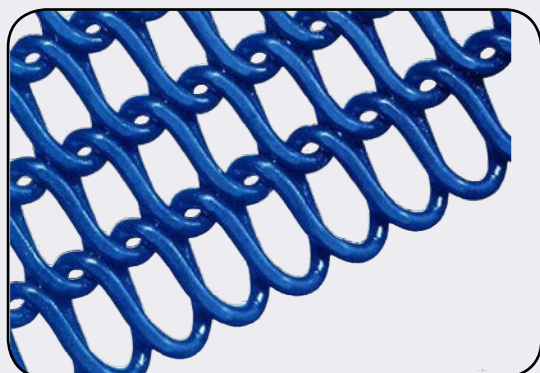
## Application

Chain link conveyor belt can be used to do following applications, such as:

- Cooling.
- Lift guard.
- Transport.
- Drainage.
- Industrial curtain.
- De-elevating.
- Elevating.
- Industrial furnace.
- Drying.

# Metal Conveyor Belt

## Flat Rolled Baking Belt



### Feature

- High strength and stable structure.
- Corrosion and rust resistance.
- Extremely flat and uniform carrying surface.
- Light weight, reduced size and small belt thickness.
- Low heat inertia, excellent air circulation and heat distribution.
- Long service life and low maintenance.

### Specification

- **Material:** high quality carbon steel, stainless steel.
- **Wire gauge:** 16 gauge (1.5 mm), 17 gauge (1.38 mm), 18 gauge (1.2 mm) and 20 gauge (0.9 mm).
- **Thickness of belt:** 2.2–3.0 mm.
- **Edge type:** welded or bended.
- **Belt width:** up to 1.8 m.
- **Temperature range:** up to 275 °C.

**Table 22: Common Specification of Flat Rolled Baking Belt**

Item	Tooling Pitch (mm)	Wire Diameter (mm)	Spiral Pitch (mm)	Belt Pitch (mm)	Belt Thickness (mm)	Weight (kg/m <sup>2</sup> )
FRBB-01	8.2	1.2	4	5.4	2.4	7
FRBB-02	8.5	1.5	4.5	5.2	3	12.2
FRBB-03	8.2	1.3	4.3	6.8	2.6	7.4
FRBB-04	8.2	1.4	4.4	6.7	2.8	8.2

### Application

- Baking biscuit.
- Heating.
- Cooking.
- De-elevating.
- Elevating.

# METAL CONVEYOR BELT

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