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Specialize In Wire Conveyor Belt Manufacturing And Solution.



Eye Link Conveyor Belts

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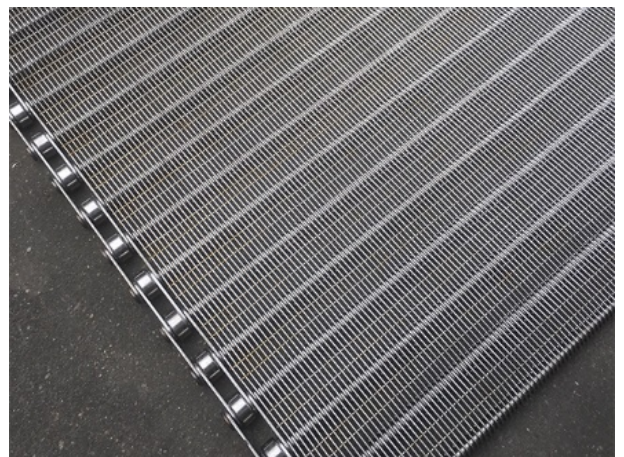
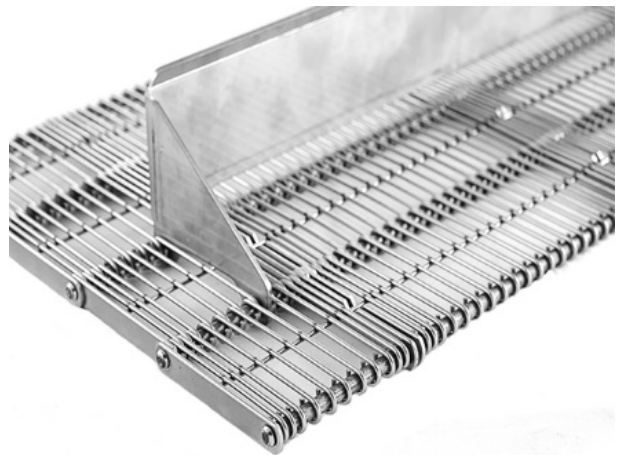
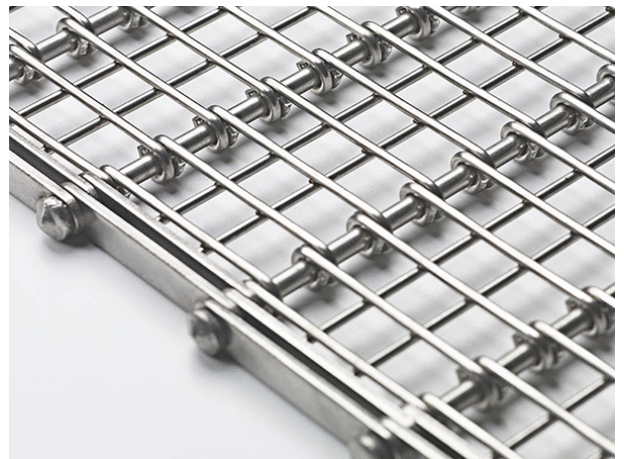
Overview

Eye Link Conveyor Belt, also named Wire Link Conveyor Belt, Eye-Flex Conveyor Belt, Wire Loop Belt. Eye link Conveyor Belts are produced of stainless steel or other alloys. They consist of a series of eye links or eye link modules. Joined with cross rods they form a flat, simple surface, which is extremely stable and durable. The qualities of this versatile conveyor belt form a combination of advantages that make it particularly suitable for the most demanding applications in the food, chemical, pharmaceutical and packaging industries.

Designed for harsh applications that require an extremely heavy-duty belt, Eye Link Conveyor Belts are custom designed with almost unlimited configurations to meet your applications demanding requirements. The reliability and durability of the belts are the main reason for its success, combined with the various ranges of belt materials and the sophisticated design, which makes it relatively simple to make variant types of belts. Eye Link Conveyor Belts are available with multiple drive options including friction driven cage rollers, positive drive sprockets, and an optional chain edge drive for enhanced tracking and reliability. Besides, side guard plates and cross flights are available on request. Side plates are designed to control the height of the product to be conveyed.

Features of eye link conveyor belts

- Single level surface products parts will not get entrapped between several layers of the belt
- Flat conveying surface, open mesh configuration, and ease of cleaning
- Completely customizable with features including side guards, chain drive, and flights
- High-temperature capability and a wide variety of steel specifications available
- Smooth and single-level surface without product entrapment
- Toughest conveyor belt available
- Excellent air and fluid drainage

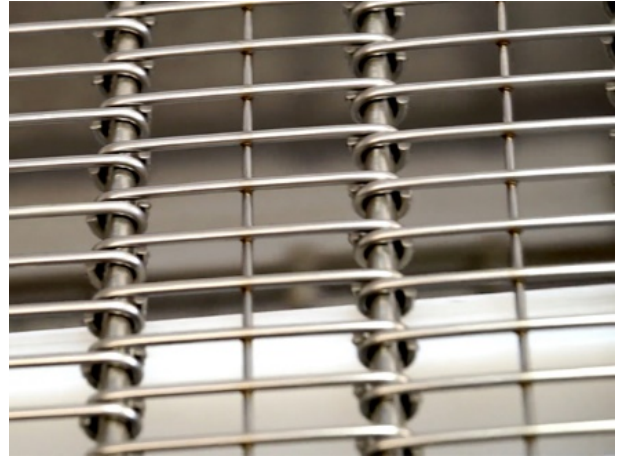




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- High strength and excellent carrying ability
- Flat surface profile
- Modular design



Belt Types

Eye Link Conveyor Belts has a standard construction based on a straight modular form. It is designed and built without spacers or perpendicularly welded under wires. This allows excellent flow-through in applications where no cross-support is required. Eye Link Conveyor Belts without spacers is also easily repaired with minimal cost.

Eye link conveyor belts — Available in six types that have their own specific advantages

From eye link belts with pressed eye links to create the smallest opening possible to eye link belts with springs to guarantee good shock resistance and resistance to lateral forces — PFM Screen has many types of eye link belts that each have their own specific advantages.

Full eye links

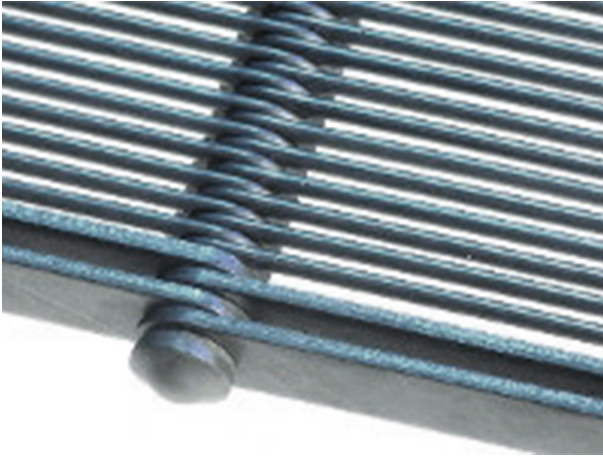
On a full eye link belt the eye links lie against each other, and the opening is equal to the wire diameter. It is designed and built without spacers or perpendicularly welded under wires. This allows excellent flow-through in applications where no cross-support is required. The belt is often used in food processing for its flat conveying surface, open mesh configuration, and ease of cleaning. This type eye Link Conveyor Belt without spacers is also easily repaired with minimal cost.





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Pressed eye links

Some applications require the smallest opening possible. By flattening the eyes of the eye links the opening between the links becomes smaller. This type is very appropriate for small and fine-structured products.

Welded eye links

The eye links are welded on to a location wire, so that a module is created. Very narrow and very wide openings can be created, depending on the processing of the products concerned. The under welded wire eliminates the potential bacteria traps under the spacers, springs, rings, and sleeves. This configuration makes cleaning and sanitation easy and more efficient.



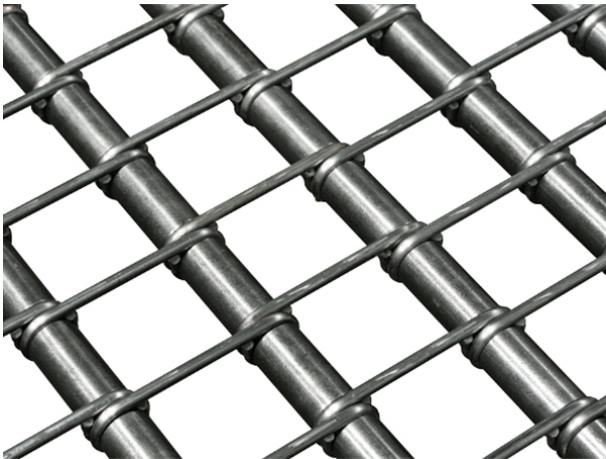
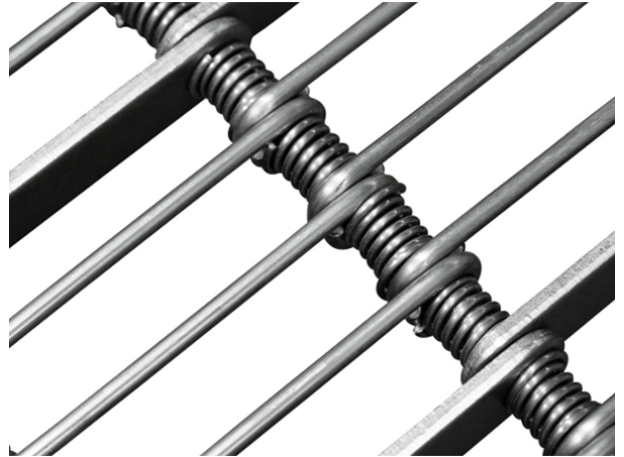
Pressed and welded eye links

Some applications require a stable belt in combination with a small opening/drain. The accuracy of our welding process allows us to produce modules with very small intervals between the eye links. The modular structure makes the assembly of very broad belts possible.

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Eye links with springs

Springs help create a more dimensionally stable belt in heating or freezing applications. These belts are more dimensionally stable because the wires are able to move on the cross rod. Springs also expose a large proportion of the connecting rod for improved cleaning and sanitizing. The placement of springs between the eye links ensures that they are positioned at regular intervals. The result is a relatively light belt with specific qualities, such as a good shock resistance and resistance to lateral forces.



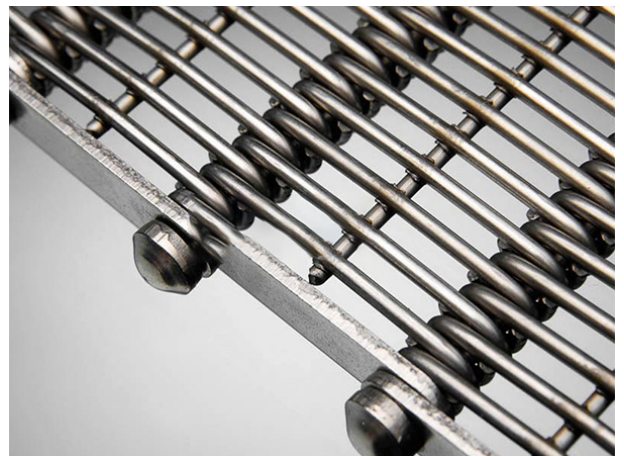
Eye links with bushings or washers

This versatile variation of eye link belt uses bushings or washers between the wires to increase the belt gap. By increasing the belt gap, more air will circulate around the bottom of the product. Increasing the product exposure to this additional air flow improves the efficiency of your process. When bushings or washers are added the belts become heavier and more rigid.

Edge Availability

Eye Link Belt with Welded edge

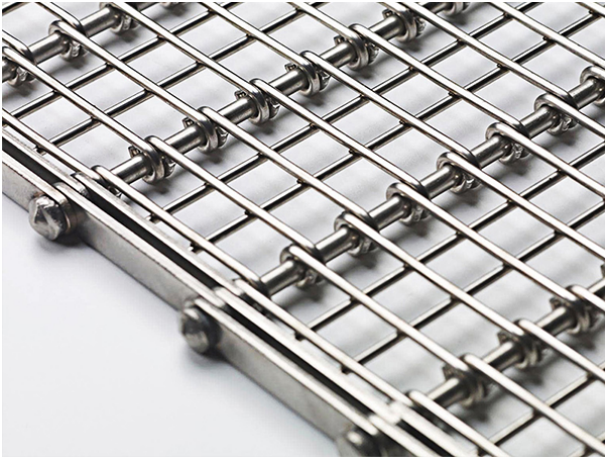
At both sides the belt is fitted with plate links, and the far ends of the cross rods are fitted with washers and subsequently welded. This results in a thorough finishing of the belt in combination with the desired bearing surface.





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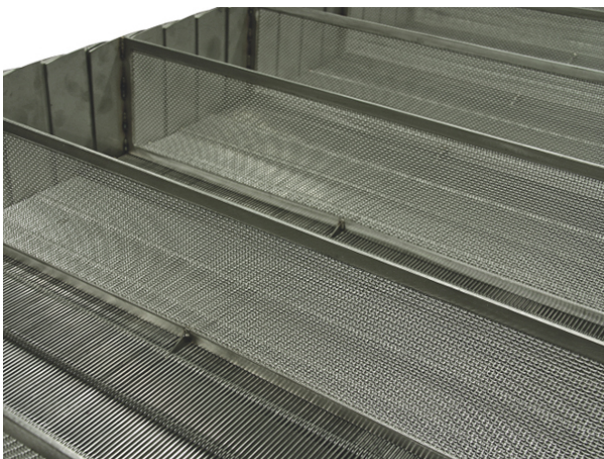


Eye Link Belt with Reinforcing Plates

Reinforcing plates are the typical edge style. These are solid metal plates added before the connecting rod is welded. The belt edges are generally formed by two or more rows of plate links. The wire links and plate links are assembled on the cross rod which is fitted on both sides with a welded ring or a butted head. Additional reinforcing plates can be added at the edge of the belt, or at specified increments across the belt width to further enhance the strength of this belt.

Eye Link Belt with Chain Edge

The belt edges are formed by a hollow pin chain. The links and chains are assembled on the cross rod which is fitted on both sides with a welded ring. The chain is mostly kept in place by welding a ring to the outside as well as to the inside of the chain. If the ends of the cross rods are narrowed, the inside of the chain is secured by this narrowing and the inner ring is cancelled. Chain edges on Eye link belts as an alternative method for driving the belt for enhanced tracking and reliability.



Eye Link Belt with side Guards

Eye Link belts can be equipped with side guards to prevent product from falling off the side of the belt. Height and shape of the side guards can be customized for your product or application. These side guards can also be inserted at various points across the belt width providing a positive separation between rows of product.

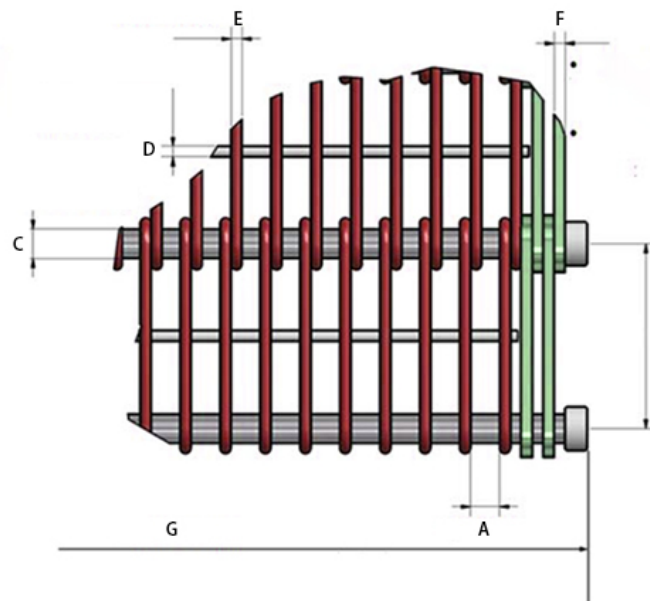
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Material Availability

304 & 316 stainless steel, Carbon steel, other materials available upon request

Material	Maximum Wire Operating Temperature °C
Carbon Steel	550
304 Stainless Steel	750
316 Stainless Steel	800
316L Stainless Steel	800

Specifications



A: Gap Width (mm)

C: Cross Rod Dia. (mm)

E: Wire Link Dia. (mm)

G: Overall Belt Width (mm)

B: Pitch (mm)

D: Underside Welded Wire Dia. (mm)

F: Reinforcing Plate (mm)

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Eye link conveyor belt without spacers						
Item No.	Belt Pitch (mm)	Wire Dia. (mm)	Cross Rod Dia. (mm)	Belt Pitch (mm)	Wire Dia. (mm)	Cross Rod Dia. (mm)
ELCB01	15.875	1.8	3.2	50	3	5
ELCB02	25	2	5	50.8	1.6	8
ELCB03	25.4	2	5	50.8	1.6	6
ELCB04	30	1.6	4	50.8	2	8
ELCB05	30	2	4	50.8	2.5	8
ELCB06	30	2	5	50.8	2.5	5
ELCB07	30	2	7	50.8	3	5
ELCB08	30	2	8	50.8	4	7
ELCB09	31.75	2	5	60	2	5
ELCB10	50	1.4	5	60	2.5	5
ELCB11	50	1.6	5	70	4	7
ELCB12	50	2	5	75	2.5	5
ELCB13	50	2.5	6	75	2.5	8
ELCB14	50	2.5	8	100	3	8

Eye link conveyor belt with under welded wire spacing						
Item No.	Belt Pitch (mm)	Wire Diameter (mm)	Cross Rod Diameter (mm)	Minimum Gap Spacing (mm)	Gap in Steps of (mm)	Maximum No. of Welded Wires (mm)
ECBWS01	15.875	1.8	3.2	2	0.1	1
ECBWS02	25	2	5	2.3	0.1	2
ECBWS03	25.4	2	5	2.3	0.1	2
ECBWS04	30	2	4	2.3	0.1	2
ECBWS05	30	2	5	2.3	0.1	2
ECBWS06	50	2	5	2.3	0.1	3
ECBWS07	50	2.5	5	2.8	0.1	3
ECBWS08	50	2.5	6	2.8	0.1	3
ECBWS09	50.8	2.5	8	2.8	0.1	3
ECBWS10	50.8	3	8	3.3	0.1	3
ECBWS11	75	2.5	5	2.8	0.1	3
ECBWS12	75	2.5	8	2.8	0.1	3

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Eye link conveyor belt with rings as spacers					
Item No.	Belt Pitch (mm)	Wire Diameter (mm)	Cross Rod Diameter (mm)	Minimum Gap Spacing (mm)	Gap Spacing can be increased by (mm)
ECBWR01					
ECBWR02	25	2	5	4	2
ECBWR03	25.4	2	5	4	2
ECBWR04	30	2	4	4	2
ECBWR05	30	2	5	4	2
ECBWR06	31.75	2	5	4	2
ECBWR07	50	2	5	4	2
ECBWR08	50	2.5	5	5	2.5
ECBWR09	50	2.5	6	5	2.5
ECBWR10	50.8	2.5	6	5	2.5
ECBWR11	50.8	2.5	8	5	2.5
ECBWR12	50.8	4	8	8	4
ECBWR13	60	2	5	4	2
ECBWR14	60	2.5	5	5	2.5
ECBWR15	75	2.5	5	5	2.5
ECBWR16	75	2.5	8	5	2.5

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Eye link conveyor belt with springs as spacers										
Item No.	Belt Pitch (mm)	Wire Diameter (mm)	Cross Rod Diameter (mm)	Minimum Gap Spacing (mm)	Gap Spacing also Available in these Widths (mm)					
ECBWS01	25	2	5	7	8	10	12	15	17.5	20
ECBWS02	25.4	2	5	7	8	10	12	15	17.5	20
ECBWS03	30	2	4	7	8	10	12	-	-	20
ECBWS04	30	2	5	7	8	10	12	15	17.5	20
ECBWS05	31.75	2	5	7	8	10	12	15	17.5	20
ECBWS06	50	2	5	7	8	10	12	15	17.5	20
ECBWS07	50	2.5	5	7.5	8	10	12	15	17.5	20
ECBWS08	50	2.5	6	7.5	-	-	-	-	-	20
ECBWS09	50	3	8	10.5	-	-	-	15.5	-	20
ECBWS10	50.8	2	6	7	-	-	-	-	-	-
ECBWS11	50.8	2	8	8	-	-	-	-	-	-
ECBWS12	50.8	2.5	6	7.5	-	-	-	-	-	20
ECBWS13	50.8	2.5	8	10	-	-	-	15	-	20
ECBWS14	50.8	3	8	10.5	-	-	-	15.5	-	20
ECBWS15	50.8	4	8	12	-	-	-	-	-	-
ECBWS16	60	2.5	5	7	8	10	12	15	17.5	20
ECBWS17	60	2.5	5	7.5	8.5	10	12	15	17.5	20
ECBWS18	70	4	7	12	-	-	-	-	-	-
ECBWS19	75	2.5	5	7.5	8.5	10	12	15	17.5	20
ECBWS20	75	2.5	8	10	-	10	-	15	-	20
ECBWS21	100	3	8	10.5	-	10.5	-	15.5	-	20

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Applications

Eye link conveyor belts combine a flat, stable surface with the dimensional stability and robustness of metal and are well suited to convey heavy loads and unstable or fragile products that require good support from the conveyor belt.

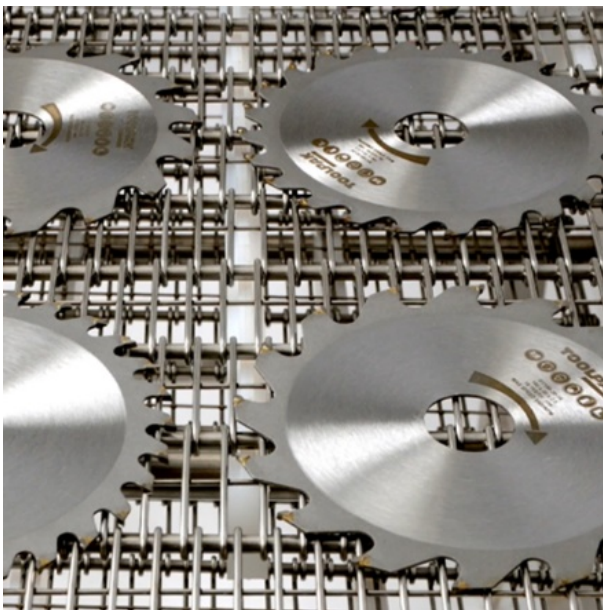
Product Applications

Tunnel Freezer Conveyor Belts

- Drying Belts
- Cooking Belts
- Freezing Belts
- Baking Belts
- Deep-frying Belts
- Cooling Belts
- Washing Belts
- Blanching Belts
- Pasteurizer Belts
- Drainage Belts



Eye link conveyor belt for baking



Eye link conveyor belt for Cooling



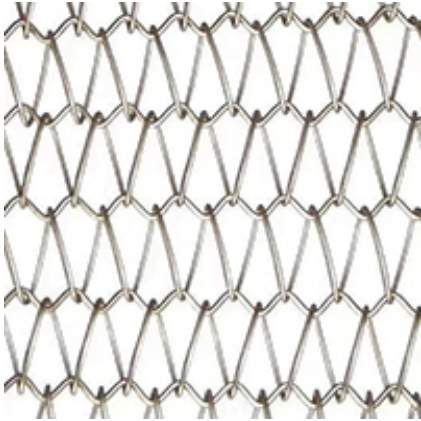
Eye link conveyor belt for Freezing



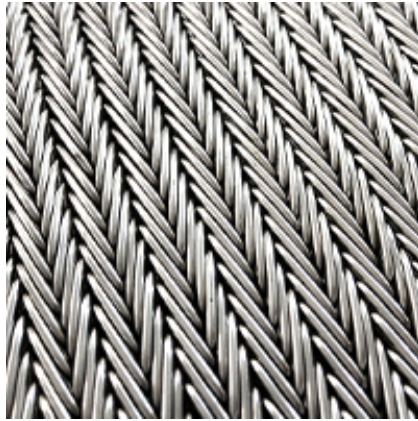
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METAL CONVEYOR BELTS



Balanced Woven Conveyor Belts



Compound Weave Conveyor Belts



Chain Link Conveyor Belts



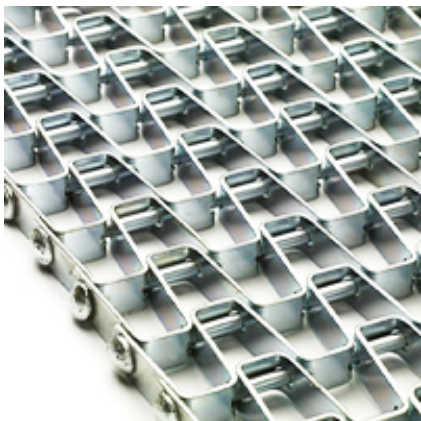
Flexible Rod Conveyor Belts



Flat Flex Conveyor Belts



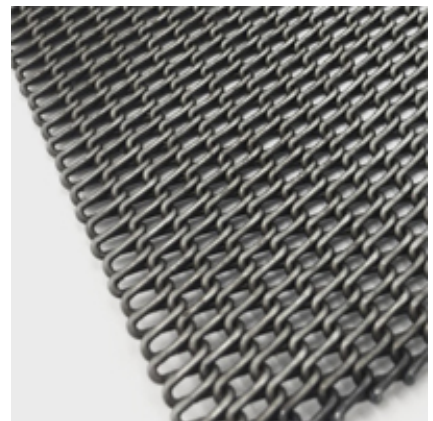
Eye Link Conveyor Belts



Honeycomb Conveyor Belts



Plate Link Conveyor Belts



Biscuit Baking Belts



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Ladder Conveyor Belts

CONVEYOR BELT ACCESSORY



Sprockets



Chain links

Our policy is one of continuous improvement and we reserve the right to change specifications at any time and without notice or modify these to suit manufacturing processes

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