Conveyor Belt Product Catalog

https://metalconveyormeshbelt.com

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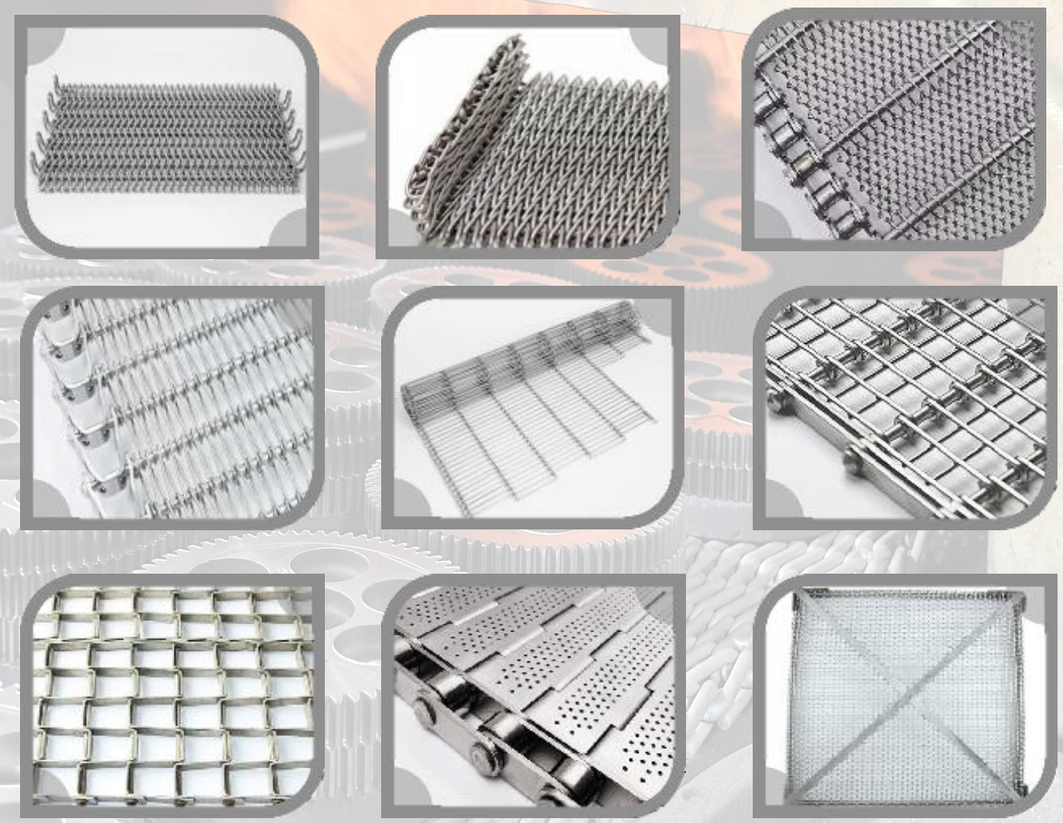
METAL CONVEYOR BELTS

Jiao Yang Conveyor Wire Belts



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About JiaoYang

Yangzhou Jiaoyang Metal Mesh Belt Manufacturing Co., Ltd. has been deeply engaged in the high-temperature mesh belt manufacturing field for nearly two decades. It integrates design, production, sales, installation, recycling, and after-sales service, providing you with one-stop customized mesh belt services.

The company has strong technical strength. It owns more than 60 automatic wire winding machines, CNC straightening machines, and intelligent embossing machines, achieving high-precision and standardized production. The factory covers an area of 30 mu and is equipped with a large modern production workshop and more than 80 highly skilled technicians. A senior technical team leads the process upgrading. The company has passed the ISO9001 management system certification and obtained a number of national patents. The company's metal conveyor mesh belts are popular in the domestic market and are exported to the United States, Canada, Southeast Asia, Europe, and other regions around the world.

Adhering to the concept of "committing to innovation with craftsmanship", we continuously explore the deep integration of materials science and intelligent manufacturing, and are committed to providing more efficient and durable conveyor system solutions for global customers. In the future, Jiaoyang will practice green intelligent manufacturing, promote the sustainable development of the industry, and create value together with partners!

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Balanced Spiral Woven Conveyor Belts

Overview

Balanced Weave Conveyor Belt is a stainless steel balanced woven belt with left and right-hand wound spirals,connected by crimped cross wires.At the sides of the belt,the cross wire is welded to the spiral wire.Balanced weave belts can be used for a virtually infinite number of applications. Ranging from super strong for conveying heavy loads over large widths or conveying very hot products to very dense weaves for small products,unsorted goods or products requiring stable support.

Balanced Spiral Woven Belts are manufactured in compliance with the latest food safety requirements for food processing equipment such as FDA,GMP and 1935/2004/EC.This ensures our customers a belt that is fit for use in the most demanding food processing applications.Spiral wirelink belts are suitable for a wide range of active food contact applications such as:Baking, Frying,Drying,Cooling,Freezing,Pasteurizing,etc.

Balanced Weave Conveyor Belt can be used in the temperature range of -50° to + 1350℃.

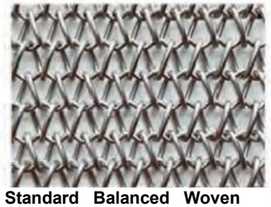
The length and width of the conveyor belt can be customized according to demand.

The stainless steel Balanced Weave Conveyor Belts can additionally be equipped with edge plates and flights.The pins can be bent upwards in some belt types of the spiral wire link belts which will positive drive.The pitch and edge design of the belt can be customized based on the usage create a standing edge.It's typically driven by friction but can also work with custom sprockets for environment.

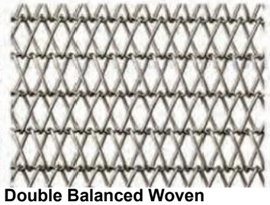


Belt Types

Balanced Spiral Woven Conveyor Belts are available in 4 types different versions.From corrugated wirelink belt that is alternatively woven left and right to create a straight run to rod reinforced belt structure that is designed for applications that involve high temperatures.Jiao Yang offers the following 4 types of belt configurations:



Standard Balanced Woven
The Standard Balanced Woven consists of alternating left and right hand coils with each coil interconnecting with the next by means of a crimped cross wire.



Double Balanced Woven
Double Balanced Woven is similar to standard balanced but uses coilpairs of each handing intermeshingand then link by means of thecrimped cross wire with pairs ofintermeshing opposite hand coilson a repeat pattern down the length.

Standard Balanced Woven With Straight Cross Wire
The structure of this belt is similar to "Standard Balanced" but uses astraight cross wire. This assembly allows for a closer pitching of coilsacross the width for small producthandling.

Double Balanced WovenWith Straight Cross Wire
The structure of this belt is similar to "Double Balanced" but uses astraight cross wire. This assemblyallows for a closer pitching of coilsacross the width for small producthandling.

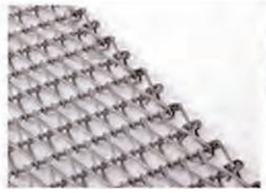
Edge Availability

Welded Edge

This is the most common and economical edge finish.With welding together of both the coil and crimp wires there are not cut wire ends.

Laddered Edge

Less common than the welded edge the laddered edge is often used where welds are not desirable for the application.The belt edge is also smooth and allows more belt edge flexibility.In high temperature applications,it's more efficient because the laddered edge isn't under strain,making it less likely to fracture.



Hook Edge

Also less common than the welded edge type the hook edge is often used where welds are not desirable for the application.The beltedge is also smooth and allows more belt edge flexibility.

Chain Edge

Along with the above mesh edge finishes these meshes can be driven by side chains using cross rods which are located through the mesh coils and then through chains at the edges of the mesh.

Wire Type

Round Spiral/Wire

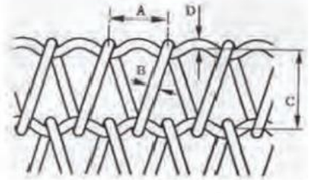
Flat Spiral Wire

Material Availability

Material	Maximum Operating Temperature ℃
Carbon Steel	550
Galvanized Mild Steel	400
Chrome Molybdenum	700
304 Stainless Steel	750
321 Stainless Stee	750
316 Stainless Steel	800
316L Stainless Steel	800
314 Stainless Steel	1120
37/18 Nickel Chrome	1120
80/20 Nickel Chrome	1150
Inconel 600	1150
Inconel 601	1150

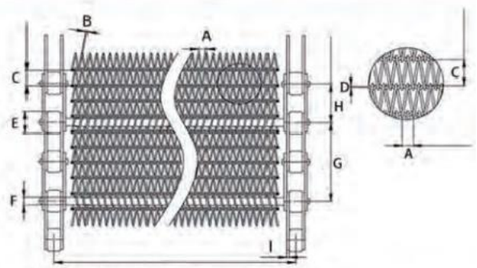
If you have other material requirements,please contact us.

Specifications



Balanced Woven Belt without Chain Edge

A:Spiral Wire Pitch(mm) B:Spiral Wire Diameter(mm)
C:Cross Rod Pitch (mm) D:Cross Wire Diameter(mm)



Balanced Woven Belt with Chain Edge

A:Spiral Wire Pitch(mm)B:Spiral Wire Diameter(mm) C:Cross Rod Pitch(mm) D:Cross Wire Diameter(mm)
E:Roller Diameter(mm) F:Support Rod Diameter(mm)G:Support Rod Pitch(mm)H:Chain Pitch(mm)I:Plate Thickness(mm)

Balanced Weave Conveyor Belts specifications				
Item No.	Spiral wire pitch	Cross rod pitch	Spiral wire diameter	Cross wire diameter
	mm	mm	mm	mm
BWCB-001	4	4	0.9 to 12	1.2 to 1.6
BWCB-002	5	6.4	0.9 to 1.2	1.2 to 1.6
BWCB-003	5	5	0.9 to 1.6	1.2 to 1.6
BWCB-004	6	6	0.9 to 1.6	1.2 to 1.6
BWCB-005	6	8	0.9 to 1.2	1.2 to 1.6
BWCB-006	6	10	0.9 to 1.6	1.2 to 1.6
BWCB-007	8	12	1.2 to 2.0	1.2 to 2.5
BWCB-008	8	13	1.2 to 2.0	1.2 to 2.5
BWCB-009	8	15	1.2 to 2.0	1.2 to 2.5
BWCB-010	11	15	1.2 to 2.0	1.2 to 2.5
BWCB-011	11	20	1.6 to 3.0	1.6 to 3.0
BWCB-012	11	25	1.6 to 3.0	1.6 to 3.0
BWCB-013	11	27	1.6 to 3.0	1.6 to 3.0
BWCB-014	15	20	1.6 to 3.0	1.6 to 3.0
BWCB-015	15	25	1.6 to 3.0	1.6 to 3.0
BWCB-016	22	23	1.6 to 3.0	1.6 to 3.0
BWCB-017	22	33	1.6 to 3.0	2.0 to 4.0
NOTE:1.If flat wire,please give us cross section. 2.Custom specification is available if you can't find the suitable size.				

Applications

Balanced weave conveyor belts are widely used across various industies due to their fexibility,strength,and resistance to high temperatures.

Common applications include:

●Food Processing:Used in baking,frying,ooling,and freezing processes due to their ability to handle both high and low temperatures.

● Heat Treatment: Ideal for processes like annealing,sintering,and hardening,where materials are exposed to extreme heat.

●Glass and Ceramics Industry:Used for transporting products through kins or ovens where consistent heat is necessary.

●Metalworking:Suitable for quenching,tempering,and other metal treatment processes.

● Electronics:In soldering and drying,where precise handling of components under controlled temperatures is crucial.

●Textile and Paper Drying:Helps in drying applications requiring airflow and heat.

●Packaging: Employed in automated packaging lines for the transport of goods.

Food Processing

Heat sintering

Glass Industry

Drying

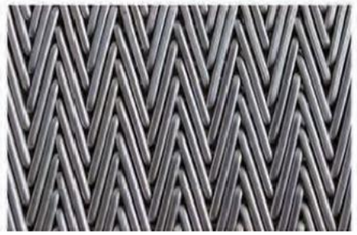
Compound Weave Belt

Overview

Composite braided conveyor belt, also known as stainless steel mesh braided conveyor belt, composite balanced braided belt or baking belt conveyor belt, with right hand and left hand spiral connected to each other straight cross rod. The composite tape is a high-density, balanced spiral tape with multiple spirals and cross rods, resulting in minimal aperture and a flat surface. This structure ensures a tight and flat grid suitable for conveying very small items. Its uniform heat transfer and smooth surface make it perfect for applications such as quenching of small objects, heat treatment processes such as normalizing, cookie baking and sorting of small mechanical parts. Popular for its durability and efficiency, composite weaving is preferred in a variety of industries, including food processing and precision manufacturing.

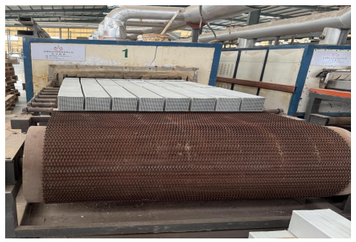
In general, the material used to manufacture composite woven conveyor belts is stainless steel or high carbon steel. Composite braided conveyor belts made of 304 and 316 stainless steel are commonly used in the food industry due to their hygienic properties, while conveyor belts made of 310S and 314 stainless steel are preferred for the heat treatment industry due to their high temperature resistance and oxidation resistance.

310S and 314 stainless steel wire high temperature resistance, strong oxidation resistance, and excellent mechanical properties. These characteristics make the mesh conveyor belt made of 310S, 314 stainless steel is the ideal material to solve the high temperature problem of powder metallurgy furnace. These belts are resistant to short cycles, spalling and breakage, and can withstand temperatures up to 1000-1250 ° C.



Driving Methods

The belt can be driven by friction rollers or chains.In some cases,products need to be upgraded or separated,and we can also provide cross flights and side plates according to user needs.



Driven by friction roller plates

Driven by roller chain

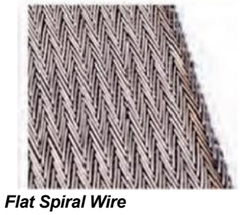
Cross flights and side

Features of Compound Weave Conveyor Belt

* Small open area. The compound weave conveyor belt has a little open area, which is suitable to conveyor the small items.
Use multiple environments, High resistance against chemical, abrasion, and corrosion.
* High tensile strength, The compound weave conveyor belt has multiple spirals and cross rods on each pitch, so it can supply higher tensile strength than other types of conveyor belt.
*High-temperature resistance. The compound weave conveyor belt is made of high-quality materials, including stainless steel and nickel alloy steel, which have excellent temperature resistance performance.
* Durable and long service life, The unigue structure and high-quality material can ensure the longservice life of compound convevor belt,Uniform heating. Provides uniform heat transfer across the belt.
* Baffles can be added. Different types of baffles can be added at the both side and center ofconveyor belt for sorting and conveying products.

Belt Types

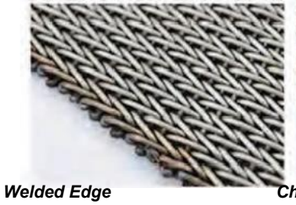
Round spiral wire



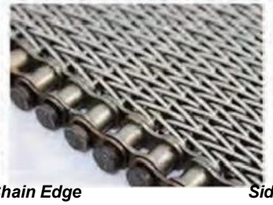
Flat Spiral Wire

Edge Availability

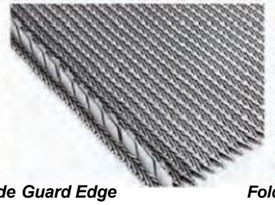
For the compound weave conveyor belt,we can provide two different edge structures to meet different applications.



Welded Edge



Chain Edge



Side Guard Edge

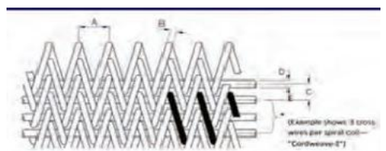
Folded Side Uuard Edge

Material Availability

The compound weave conveyor beltis made of stainless steel and high carbon steel.They all have excellent high temperature resistance performance and high tensile strength.Althese can ensure the compound weave conveyor belt be a strong,durable and high lfespan products.

Material	Maximum Wire Operating Temperature℃
Carbon Steel	550
304 Stainless Steel	750
316 Stainless Steel	800
316L Stainless Steel	800
314 Stainless Steel	1120
Inconel 600	1150

Specifications



A:Coil Pitch(mm) C:Cross Wire Pitch(mm)
B:Coil Wire Diameter(mm) D:Cross Wire Diameter(mm) E:Number of Cross Wires per Spiral Coil(mm)

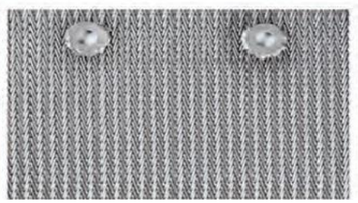
Compound Weave Conveyor Belts specifications					
Item	Coil pitch	Coil wire diameter	Cross wire pitch	Cross wire diameter	Number of cross wires per spiral coil
	(mm)	(mm)	(mm)	(mm)	(mm)
CWCB-01	5.08	1.22	3.05	1.22	3
CWCB-02	11.29	2.03	4.35	2.03	4
CWCB-03	10.16	2.03	5.08	2.64	4
cWCB-04	4.24	0.91	224	1.22	4
cWCB-05	8.47	1.63	3.63	1.63	4
cWCB-06	6.35	1.22	282	1.22	4
cWCB-07	8.71	1.6×1.3	3.9	1.63	5
NOTE:1.If flat wire,please give us cross section. 2.Custom specification is available if you can't find the suitable size.					

Applications

By offering afat carrying surface with litle open area,Compound Weave Conveyor Belt is a popular choice for applications as diverse as botle-annealing to baking small snack products.Compound Weave Conveyor Beltis particularly popular in baking applications as its
high-density construction ensures a uniform heat transfer through to the product.

- ●Hardening,tempering,quenching
- ●Rice Handling
- ●Swarf ConveyorseHeat Treating of Small Fasteners
- ●Fumace Curtain
- ●Sintering of Powdered Metal Components
- ●Electro-Plating
- ●Accumulation Tables
- ●Seed DryingBiscuits, tortillas, cookies and crackers baking
- ●Glass works
- ●Electrotechnical industry
- ●Serving as pasteurizing belt
- ●Fumnace belts

Baking Band Belt



Furnace Curtains

Grain Drying Belt

Heat Treatment Belt

Baking Belt

Annealing Furnace Mesh Belt

Chain Link Conveyor Belts

Overview

Chain Link Conveyor Belt,also known as stainless steel wire mesh belt or conventional mesh belt,features a simple design with interwoven spiral coils creating an open mesh. Available with knuckled or welded edges, Chain Link belt is an economical and lightweight solution for low load conveying,ideal for light-duty drying and cooling applications. With its large open area,The light belts of the wire mesh belt consist of belt segments linked with splicing rods. The individual elements consist of alternating right and left-hand round wire spirals in a flat oval or round form. The edges of the wire mesh belt are available in a welded or bent design.



Features of Chain Link Conveyor Belts

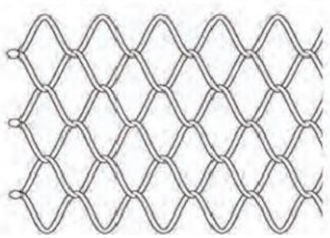
●**Simple structure.** It is made of several spiral coils. Suitable for light-duty use in drying andcooling applications.

●**Economical.** Economic and lightweight solution for low load conveying applications. The simplestructure make it economical than other types of conveyor belt.

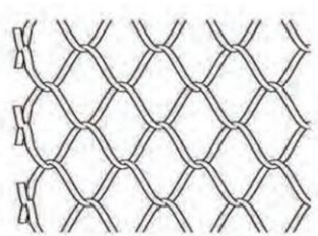
●**Functional.** The stainless steel chain link conveyor belt is suitable for lifting, conveyinglightweight products.

●**Different edge.** We can supply welded or knuckled edge for your choice..

●**Baffles are available.** Side and center baffles can be added to the conveyor belt. Baffles canprevent the products from falling down to the ground. it is also useful for sorting and conveying. Chain link drive. The chain link drive pattern can ensure the smooth and high efficient working.



Welded Edge
At the belt edges the coil wiresare looped together and welded. This is the most common andeconomical edge finish. This type of edge finish allows forrelatively smooth finish to the belt edge and is the mosteconomic version of this belt style.



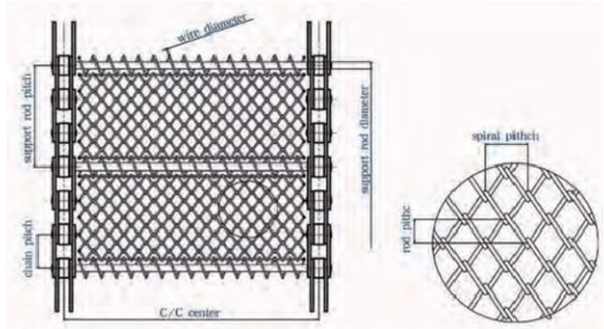
Knuckled Edge
The end of each coil wire is bent back into a 'U'shape and then interlock with the adjacent coil.The 'U'form is then closed securely to form a permanent link with the next coil.This formation also allows greater flexibility of the belt edges and minimises stress build up at these positions.

Chain Link Conveyor Belts

Material Availability

Material	Maximum Wire Operating Temperature℃
Carbon Steel	550
Galvanised Mild Steel	400
Chrome Molybdenum(3%Chrome)	700
304 Stainless Steel	750
321 Stainless Steel	750
316 Stainless Steel	800
316L Stainless Steel	800
314 Stainless Steel	1120
37/18 Nickel Chrome	1120
80/20 Nickel Chrome	1150
Inconel 600	1150
Inconel 601	1150

Specifications



These are designed to suit the customer requirements but in general are available in lateral coil wire pitches varying from 5.08mm to 25.4mm,combined with a variety of wire diameters and longitudinal pitches to suit the application.

Applications

Typical Applications
- ●Annealing furnaces
- ●Cleaning machines
- ●Conveyor machines
- ●Drying ovens
- ● Frosters
- ●Ovens
- ●Frying facilities

Food Frying Belt

Annealing Furnace Belt

Washing Belt

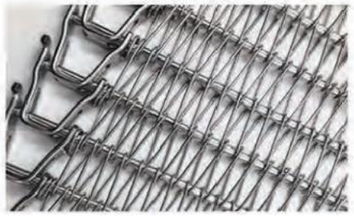
Flexible Rod Conveyor Belts

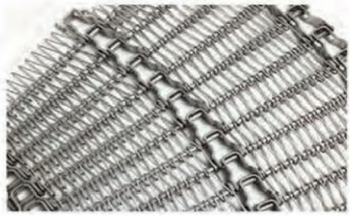
Overview

A Flexible Rod Belt is constructed from 3 components.
1.Alternating spirals take care of the belt overlay.
2.These spirals are connected to each other by means of smooth cross rods.
3.Special chain links are mounted at the outer sides,which are locked by means of button heads.

This kind of stainless steel wire mesh belt is especially designed for spiral or round conveyor as well as straight-running conveyor.With the ability to side flex,the belt can also be used for conveyors arranged to go around obstacles.The flexible rod belt is popular in the food industries, including cooling,cooking or freezing products.

Rod and spiral alternating coils structure efficiently improve production and reduce downtime. Owing for robust construction,this rod conveyor belting need far less maintenance.Besides, Flexible Rod belts can also be supplied with a link in the centre of the belt width to decrease its turning radii,as well as side guards to prevent product spillage.





Features of Flexible Rod Conveyor Belt

●**Smooth and burr-free.** The finish is smooth and burr-free for quick and easy cleaning.maximizing production.
●**High temperature resistance.** The stainless steel material can maintain the perfect performanceeven in the extremely high or low temperature applications.
●**Corrosion and rust resistance.** The stainless steel material and galvanized steel have excellentchemical stability, which are corrosion and rust resistance.
●**Durable and long service life.** The high quality material and rigid structure can ensure the longlifespan of the flexible rod conveyor belt.
●**Easy to install and replace.** The flexible rod conveyor belt is lightweight and easy to install andreplace.
U-shaped links can be added on the center of conveyor belt. To decrease turning radii andimprove conveying efficiency, the U-shaped conveyor belt are added onto the center of theconveyor belt.
●**Side guards are available.** Side guards can be added on both side of the conveyor belt toprevent products from spillage.


Side Guards Freezer Belt


360°Welding Freezer Belt


Edge Drive Freezer Belt

Edge Availability


Welded Edge


Clinged Edge


Drive Edge

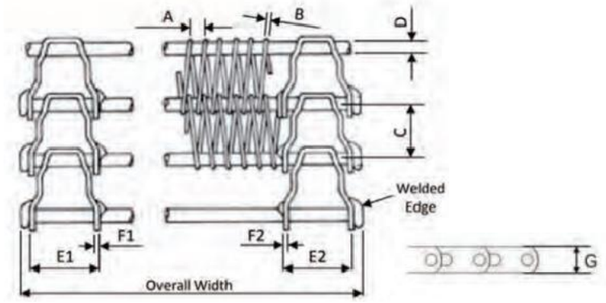

Reinforced Plate Edge

Material Availability

Material:carbon steel, SuS 201, SuS 304, SuS 316, SuS 316L

Material	Maximum Wire Operating Temperature ℃
Carbon Steel	550
201 Stainless Steel	600
304 Stainless Steel	750
316 Stainless Steel	800
316L Stainless Steel	800

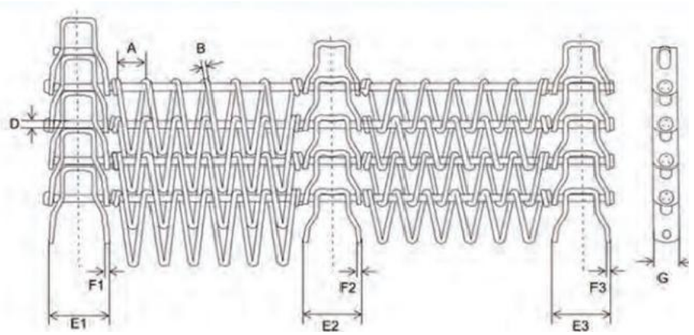
Specifications



Standard Radius Metal Belt with link at both sides

A:Spiral Coil Pitch(mm) B:Coil Wire Diameter(mm) C:Cross Rod Pitch(mm) D:Cross Rod Diameter(mm)
E:Edge Links Width(mm)E1 E2 F:Edge Links Thickness(mm)F1 F2 G:Edge Links height(mm)

Specifications of Flexible Rod Conveyor Belt wiht standard &heavy duty links	
Technical Specifications	Popular Value
Coil Wire Diameter	1.2mm, 1.4mm, 1.5mm, 1.6mm, 2.0mm
Cross Rod Diameter	4.9mm, 5.0mm, 5.9mm, 6.0mm
Edge Links Height	11.1mm, 12.7mm, 15mm
Cross Rod Pitch	19.1mm, 27.4mm, 30.5mm, 38.1mm
Available Widths:Curve/Spiral	304.8-1371.6 mm
Available Widths:Straight Run	304.8-1524 mm
Turn Ratio	1.6-2.5
Method of Drive	Sprocket driven on links
NOTE:Custom specification is available if you can't find the suitable size.	



Radius Metal Belt with a extra linkin the middle to fit a smaller turning radius

A:SpiralCoil Pitch(mm) B:Coil Wire Diameter(mm) C:Cross Rod Pitch(mm) D:Cross Rod Diameter(mm)
E:Edge Links Width(mm)E1 E2 F:Edge Links Thickness(mm)F1 F2 G:Edge Links height (mm)

Specifications of Flexible Rod Conveyor Belt with link in the middle	
Technical Specifications	Popular Value
Coil Wire Diameter	1.2mm, 1.4mm, 1.5mm, 1.6mm, 2.0mm
Cross Rod Diameter	4.9mm, 5.0mm, 5.9mm, 6.0mm
Edge Links Height	11.1mm, 12.7mm, 15mm
Cross Rod Pitch	19.1mm, 27.4mm
Available Widths	305-1219 mm
Turn Ratio	0.8-2.1
Method of Drive	Sprocket driven on links
NOTE:Custom specification is available if you can't find the suitable size.	

Applications

The Flexible Rod Belt is a versatile conveyor belt.This belt has been developed for a variety of applications,constructions and process conditions.Whether used on spiral or straight conveyors,the Flexible Rod Belt is particularly suitable for cooking,cooling or freezing products such as bread,pastry,vegetables,potatoes,fish and meat.It can also be used for blanching vegetables,proofing dough,drying,baking or pasteurising.Belts are used in concentric systems,spiral towers,curved and straight conveyors.

- ●Spiral Freezer Belt
- ●Spiral Cooler Belt
- ●Spiral Proofer Belt
- ●Spiral Dryer Belt
- ●Spiral Cooker Belt
- ●Spiral Heating Belt
- ● Turn Curve Transfer Belt
- ●Transfer and Packaging Belts

Spiral Cooler Belt

Spiral Freezer Belt

Spiral Proofing Belt

Flat Flex Conveyor Belts

Overview

Flat Flex Conveyor Belts also known as Rod Network Conveyor Belts,or Enrober conveyor belts, are distinguished by their unique construction and versatile applications.These belts are constructed from a series of looped wires that interlock with one another,creating a flexible and robust mesh.The simple structure makes it economical and lightweight.It can help to save costs and reduce downtime.

Flat Flex Conveyor Belts are widely used across various industries due to their lightweight, single-layer construction,and positive drive mechanism by sprockets.Made from stainless steel or spring wire,these Rod Network Conveyor Belts come in wire diameters ranging from 0.8 to 3.0 mm, with pitches from 4mm to 2000 mm,and belt widths from 10 mm to 3 meters.Custom dimensions can also be accommodated to meet specific requirements.

Flat Flex Conveyor Belts feature an open structure,with 70%to 86%open area,making them ideal for applications such as cooling,baking,drying,heating,decorating,battering,and packing of light products.They are suitable for both straight and curved conveyor systems.

In addition to providing the right belts,we also offer matching sprockets and other components to ensure a complete and efficient convevor svstem.

Features of Flat Flex Conveyor Belts

- ●The largest proportion of open-mesh area available up to 86%Easy to clean,clean-in-place design
- ●No-slip, positive drive
- ●Very low belt mass
- ●Smallest diameter end rolls and drive rollsPositive driven for accurate tracking
- ●Curved rod network belt to suit different machines

Belt Types

Flat Flex Conveyor Belts are normally driven by toothed sprockets, made of stainless steel or plastic.These sprockets are made to fit the belt and are adapted to the diameter you wish.

Straight Run

Curve Run

Eye Link Conveyor Belts

Overview

Eye Link Conveyor Belts,also named Wire Link Conveyor Belts,Eye-Flex Conveyor Belt,Wire Loop Belt. Eye link 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 is designed to control the height of the product to be conveyed.



Features of Flexible Rod Conveyor Belt

- Single level surface products parts will not get entrapped between several layers of the belt
- Flat conveying surface,open mesh confiquration, 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
- High strength and excelent carrying ability
- Flat surface profile
- Modular design

Belt Types

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

From eye link belts with pressed eye links to create the smallest opening possible to evelink beltswith springs to guarantee good shock resistance and resistance to lateral forces -Jiaoyang has many types of eyelink belts that eachhave their own specific advantages.


Full eye links


Pressed eye links


Welded eye links


Pressed and welded eye links


Eye links with springs


Eye links with bushings or washers

Edge Availability


Welded Edge


Reinforcing Plates


Chain Edge

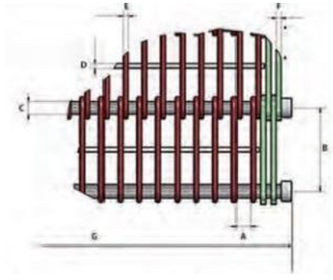

Side Guards Edge

Material Availability

Flat Flex Conveyor Belts are available in a wide variety of materials,the standard is 304 stainless steel.Other materials available include:316 stainless steel,various carbon steel,and high temperature performance materials.

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

Specifications



A:Gap Width (mm) B:Pitch(mm) C:Cross Rod Dia(mm) D:Underside Welded Wire Dia(mm)
E:Wire Link Dia(mm) F:Reinforcing Plate(mm) G:Overall Belt Width(mm)

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

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 (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

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	25	2	5	4	2
ECBWR02	25.4	2	5	4	2
ECBWR03	30	2	4	4	2
ECBWR04	30	2	5	4	2
ECBWR05	31.75	2	5	4	2
ECBWR06	50	2	5	4	2
ECBWR07	50	2.5	5	5	2.5
ECBWR08	50	2.5	6	5	2.5
ECBWR09	50.8	2.5	6	5	2.5
ECBWR10	50.8	2.5	8	5	2.5
ECBWR11	50.8	4	8	8	4
ECBWR12	60	2	5	4	2
ECBWR13	60	2.5	5	5	2.5
ECBWR14	75	2.5	5	5	2.5
ECBWR15	75	2.5	8	5	2.5

Applications

Eyelink conveyor belts combine a flat, stable surface with the dimensional stabilty and robustness of metal and arewell suited to convey heavy loads and unstable or fragile products that require good support from the conveyor belt.

Eye link conveyor belts applications:

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

Baking Belts

Cooling Belts

Freezing Belts

Washing Belts

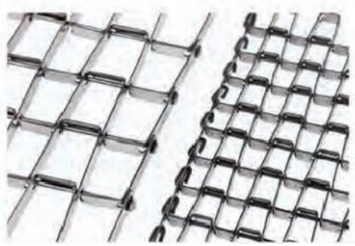
Honeycomb (Flat Wire)Conveyor Belts

Overview

Honeycomb conveyor belt,also called flat wire conveyor belt,Horseshoe chain, Great Wall net belt.The honeycomb belt is constructed of cross rods and a flat metal strip.At the sides of the belt the cross rods have a welded ring (welded edges).In a number of dimensions it is possible to give the sides of the belt a clinged edge.

There are a number of predefined belt executions with different pitches and material dimensions. The belt can also be provided with side plates or flights.The flat wires are arranged in the form of lattice and jointed with the straight round rods.The material of flat wire belt are commonly high carbon steel,galvanized steel,stainless steel and other materials.

Honeycomb conveyor belt is a perfect products with both durability and suitable open area.It is temperature resistance,which is popular in the baking conveying applications.The flat surface of honeycomb conveyor belt supplies stable conveying during using.Honeycomb belts are used in production processes with temperatures of -30℃ up to +400℃ in food and other industries.


Features of Flat Wire Conveyor Belts

Honeycomb conveyor belt Advantages:

- ●Twice the life of competitive belts
- ●Installation requires no special tools
- ●Positive driven for excellent belt tracking
- ●Up to 81% open area for excellent flow through
- ●Allows for tight transfers
- ●Available up to 150 inches wide
- ●High strength-to-weight ratio
- ●Welded button edge or clinched edge
- ●Flat carrying surface
- ●Easy to clean and to install
- ●Easily joined
- ●Strong edge reduces snagging or catching on conveyor protrusions

Edge Availability

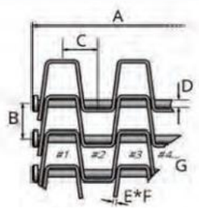


Welded Edge *Clinged Edge* *Chain Edge*

Material Availability

The Honeycomb belts is standard made of mild steel,galvanised mild steel,stainless steel AISI 304 and AISI 316.The belt needs minimal maintenance and will have a working life of many years,if used well.

Specifications



A:Overall Width(mm) B:Cross Rod Pitch(mm)C:Nominal Lateral Pitch(mm) D:Cross Rod Diameter(mm)
E:Height of flat strip material(mm) F:Thickness of flat strip material(mm) G:Number of Apertures Across Width(mm)

Specifications of honeycomb conveyor belt				
Item No	Cross Rod Pitch (mm)	Nominal Lateral Pitch (mm)	Flat Strip(mm)	Cross Rod(mm)
HCB01	13.7	14.6	10x1	3
HCB02	26.2	15.55	12x1.2	4
HCB03	27.4	15.7	9.5x1.25	3
H CB04	27.4	24.7	9.5×1.25	3
HCB05	28.6	15	9.5x1.25	3
HCB06	28.6	26.25	9.5x1.25	3
HCB07	28.4	22.5	15×1.2	4
NOTE:Custom specification is available if you can't find the suitable size.				

Applications

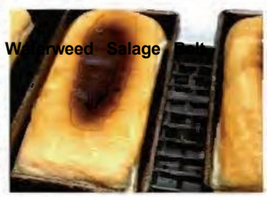
The Honeycomb belts, with high temperature resistance, large open area, flat surface is widely used in the following applications.

- ●Transport system
- ●Heating systems
- ●Baking systems
- ●Cooling systems
- ●Washing systems
- ●Freezing systems
- ●Packaging systems
- ●Sorting systems
- ●Drying systems
- ●Product handling systems
- ●Sieving systems
- ●Bread production systems
- ●Waste handling systems


Packaging Belt


Baking Belt


Transport Belt


Wet Seaweed Salage Belt


Washing Belt

Ladder Conveyor Belts

Overview

Ladder Conveyor Belt is a simple but effective style of conveyor belt, generally used belt forcommon processes and common product loads. Its open design provides efficient operation withminimum maintenance as well as facilitating easy and thorough cleaning. its lightweight and basicconfiguration make it a very economic and cost-effective style of belting for many differentenvironments. The ladder belts are used in production processes with temperatures of -100'C to+450°Cin food and other industries.
The ladder belt with S-hooks run in straiaht aoplications but can also be executed as curved beltswith a fixed inside radius. A belt variation with a tapered rod pitch assembly can be used in radialapplications(90and 180 degrees).



Ladder Conveyor Belt Advantages:

- Flat uniform surface for gentle product handling
- High tensile rods which resist permanent distortion and reduce down-time
- Positive drive to ensure there are no tracking issues
- Smooth edges for easy movement around radial bends
- Easy belt assembly and disassembly due to its simple open construction

Belt Types

Ladder belt with S-shaped hooks
These belts run in straight applications but can also be executed as curved belt with a fixed inside radius,available in right hand(clockwise)or left hand (ant-clockwise)arrangement.Standard belts are supplied for either 90°or 180° conveyor angle of operation.

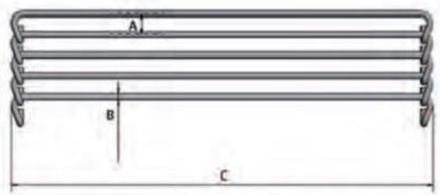
Ladder belt with U-shaped links
These belts can run in straight and curved applications,available in right hand (clockwise)or left hand (ant-clockwise)arrangement.Standard belts are supplied for either 90°or 180° conveyor angle of operation.

Ladder belt with chain links
These belts can be only running in straight applications.

Material Availability

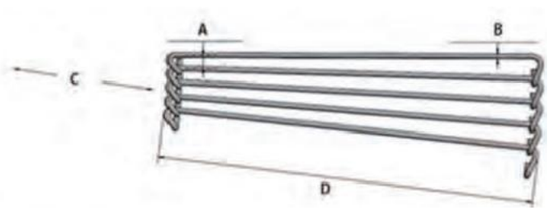
The Ladder belt is standard made of steel,mid-tensile carbon steel,stainless steel 304 and 316. Other materials on demand.

Specifications



A:Pitch(mm) B:Rod diameter(mm) C:OverallWidth(mm)

Specifications of Straight Running Ladder Belt			
Item No.	Pitch (mm)	Rod diameter (mm)	Maximum width (mm)
SRLB01	12.7	3.66	762
SRLB02	15.87	4.47	914
SRLB03	19.05	4.88	914
SRLB04	25.4	4.88	914



A:Pitch (mm) B:Rod diameter(mm) C:Inside Radius(mm) D:Overall Width(mm)

Specifications of Radial Ladder Belt				
Item No.	Pitch (mm)	Rod diameter (mm)	Inside Radius (mm)	Available width (mm)
RLB01	12.7	3.66	598.5	229/305/381/457/762
RLB02	15.87	4.47	762	305/381/457/610/762

Applications

Ladder belts are used in,for example:
- ●Cooling systems in for example bread &pastry industry.
- ●Belt in filtering installations
- ●Conveyor belt in installations for baking,frying,grilling,etc.
- ●Washing systems
- ●Drying systems

Grilling system

Transport system

Cooling system

Baking system

Coating system

Plate Link Conveyor Belts

Overview

Plate Link Conveyor Belt is very strong, driven by stainless steel chain, made of stainless steelplate, and very suited to heavy load applications, running smoothly in the conveying process, easyto install and replace, and long in service life. Its self-supporting structure makes it be used overlarge widths without any support. Plate Link belt features an extremely robust designand high load capacity, making it the perfect choice for arduous engineering processes such aspresswork,die-casting and forging.

Plate conveyor belt consists of hinged slats with or without perforations. Perforated plate belt isideal for drainage conveyor system, The size of perforation range can be custom, its possibility tohave of al kinds of perforations to fit the product production line.

Hinged plate belts have side plates and cross flights in various combinations of height andthickness to suit different customers' requirements. They can satisfy light to heavy load capacity. Chain edge plate belts are also available in side plates and cross flights. The chains at both endscan be fixed with cotter pins or washers, which are convenient to disassemble and maintain.

The link plate belts are tailor made and can be executed with pitches in almost any width andlength and plate thickness .The link plate belt is positively driven by sprockets, and can be used atconveyor speeds of less than about 120 meters per minute.

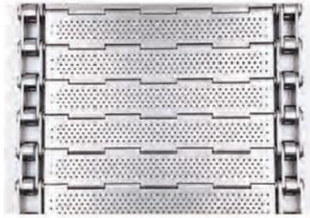
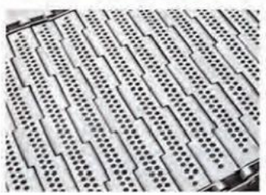
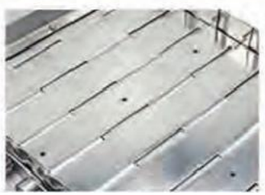




Plate Conveyor Belt Advantages

- Temperature resistance, which can be used in production processes with temperatures of -30°Cto +600°C infood and other industries.
- Corrosion and rust resistance make it possible be used in the corrosive environments.
- The baffles can be added onto the belt for convenient sorting and conveying.
- The side guards can be added onto the belt to prevent products from spillage
- Chain link edge can ensure the smooth and high efficiency working.
- Curved perforated plate conveyor belt is available to suit more applications and equipment.
- Suitable for arduous engineering processes such as press work, die-casting and forging.
- Link plate belt needs minimal maintenance and will have a working life of many years.

Plate Conveyor Belt Types

S/ats with perforations ***Slats without perforations*** ***Heavy duty slat conveyor belt*** ***Chip conveyor belt***

Plate link conveyor belt can add side guards to prevent materials from falling,and add baffles for classification or lifting

Edge Availability

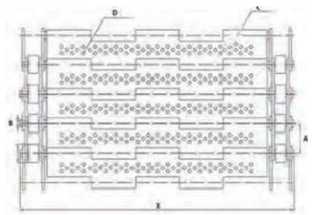

Standard plate link conveyor belt


Plate link conveyor belt with side guards

Material Availability

The plate link conveyor belt can be made of steel,stainless steel AISI 304,AISI 316 or others, have superior corrosive resistance to suit most applications at elevated temperature.

Specifications



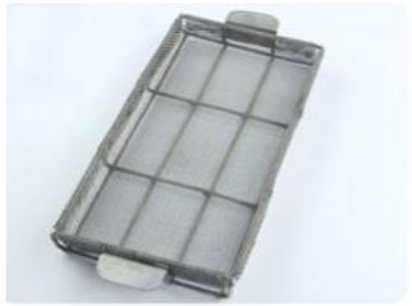
A:Chain Pitch(mm) B:Rod Diameter(mm)
C:Plate Thickness(mm) D:Perforated Hole Dia(mm)E:Total Width(mm)

Specifications of plate link conveyor belt			
Item	Chain Pitch (mm)	Rod Diameter (mm)	Plate Thickness (mm)
PLCB-01	25.4	5	1
PLCB-02	25.4	6	1
PLCB-03	25.4	6	1.5
PLCB-04	31.75	6	1
PLCB-05	31.75	6	1.5
PLCB-06	31.75	8	2
PLCB-07	38.1	6	1
PLCB-08	38.1	6	1.5
PLCB-09	38.1	8	1
PLCB-10	38.1	8	1.5
PLCB-11	38.1	8	2
PLCB-12	50.8	6	1.2
PLCB-13	50.8	8	1
PLCB-14	50.8	8	1.5
PLCB-15	50.8	10	2
PLCB-16	50.8	10	3
PLCB-17	63.5	10	2
PLCB-18	63.5	10	1.5
PLCB-19	63.5	10	3
PLCB-20	80	8	1.5
PLCB-21	80	8	2
PLCB-22	80	10	2
PLCB-23	80	10	2.5
PLCB-24	100	10	1.5
PLCB-25	100	10	2
PLCB-26	100	14	2
PLCB-27	100	14	3
PLCB-28	101.6	10	4
PLCB-29	106.6	14	4
PLCB-30	125	20	3
NOTE:Custom specification is available if you can't find the suitable size.			

Personalized Customization Conveyor Belts

Personalized customization service:
If you have special needs, whether it is material, style or mesh size, we accept customization.

Overview



Chemical Components									
材质	C	Si	P	S	Ni	Cr	Mn	Others	Maximum operating temperature
Cr20Ni80	≤0.08	0.75~1.60	≤0.020	≤0.015	76.00~80.00	20.00~23.00	≤0.60	Fe≤1.00	1250℃
SUS314	≤0.25	1.50~3.00	≤0.045	≤0.030	19.00~22.00	23.00~26.00	≤2.00	~	1150℃
SUS 310S	≤0.08	≤1.50	≤0.045	≤0.030	19.00~22.00	24.00~26.00	≤2.00	~	1100℃
SUS 309S	≤0.08	≤1.00	≤0.035	≤0.030	9.00~12.00	17.00~19.00	≤2.00	Ti:≥5×C%	1000℃
SUS 316L	≤0.03	≤1.00	≤0.045	≤0.030	12.00~15.00	16.00~18.00	≤2.00	~	750℃
SUS 316	≤0.08	≤1.00	≤0.045	≤0.030	10.00~14.00	16.00~18.00	≤2.00	~	750℃
SUS 321	≤0.08	≤1.00	≤0.035	≤0.030	17.00~19.00	9.00~12.00	≤2.00	Ti:≥5×C%	750℃
SUS 304	≤0.08	≤1.00	≤0.045	≤0.030	8.00~10.50	18.00~20.00	≤2.00	~	700℃
SUS 201	≤0.15	≤1.00	≤0.060	≤0.030	3.50~5.50	16.00~18.00	5.50~7.50	N≤0.25	450℃

Mesh belt material selection method:

- ●Materials are accurately matched according to the operating conditions
- ●Determine the durable load bearing webbing style
- ●Select the mesh size for the product