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Specialize In Wire Conveyor Belt Manufacturing And Solution.



Compound Weave Conveyor Belts

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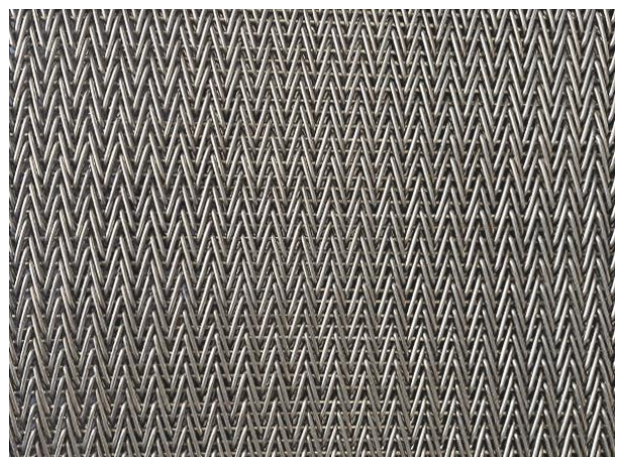
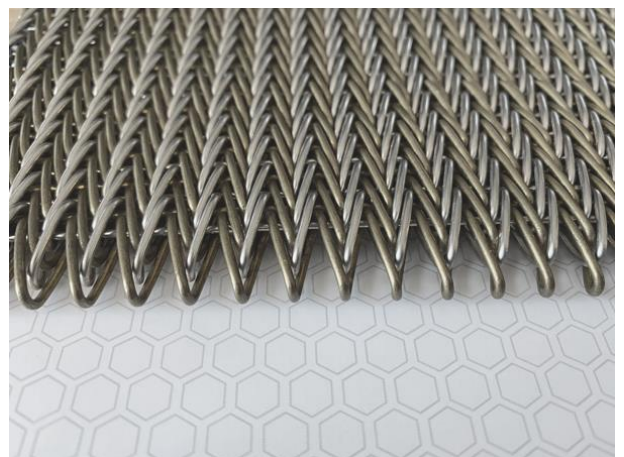
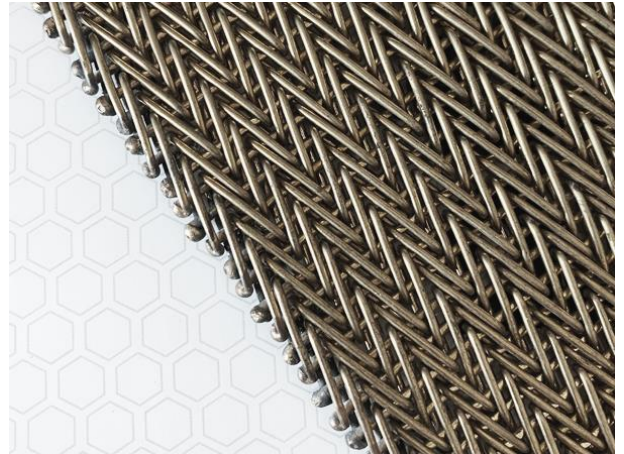
Overview

Compound Weave Conveyor Belt, also named Cordweave Conveyor Belt, Compound Balanced Woven Belt or V-shaped Conveyor Belt, have right-hand and left-hand spirals interconnecting by straight cross rods. compound belt is essentially a balanced spiral belt that has multiple spirals and cross rods per pitch. This compound structure closes up the apertures within the belt, giving compound weave its characteristic high density and flat surface. It is similar to a balanced weave besides smaller opening and far denser weave. As a result of this construction, Compound Weave Conveyor Belts offer an extremely close and flat mesh for applications where very small items are being conveyed. compound weave also provides a uniform heat transfer across the belt due to its high density and smooth carrying surface. These characteristics make compound weave a popular choice in a wide variety of applications, ranging from biscuit baking to sorting small mechanical components.

Generally, the material used to make the Compound Weave Conveyor Belts is 304/316 stainless steel or high carbon steel. 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.

Features of compound weave conveyor belt

- **Small open area.** The compound weave conveyor belt has a little open area, which is suitable to convey the small items.
- **Use multiple environments.** High resistance against acid, alkaline, 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



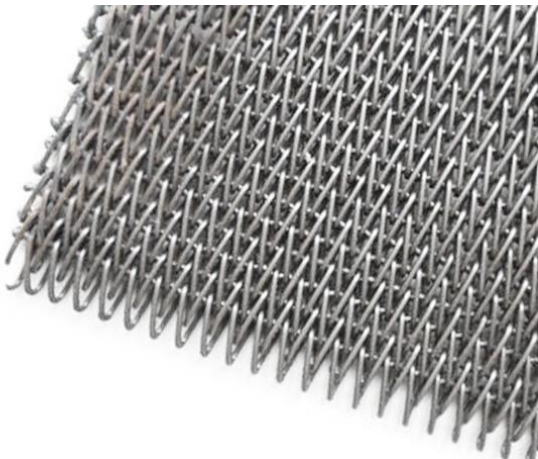
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higher tensile strength than other types of conveyor belt.

- **Smooth and clean surface.** Smooth conveying surface minimize marks and provide easy accurate conveying.
- **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 unique structure and high-quality material can ensure the long service life of compound conveyor 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 of conveyor belt for sorting and conveying products.



Belt Types



Round spiral wire compound weave conveyor belt

In this format both coil and cross wires are of round section.



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Flat spiral wire compound weave conveyor belt

In this format both coil and cross wires are of flat section. These styles are most useful to gain more surface area when handling small base area products.

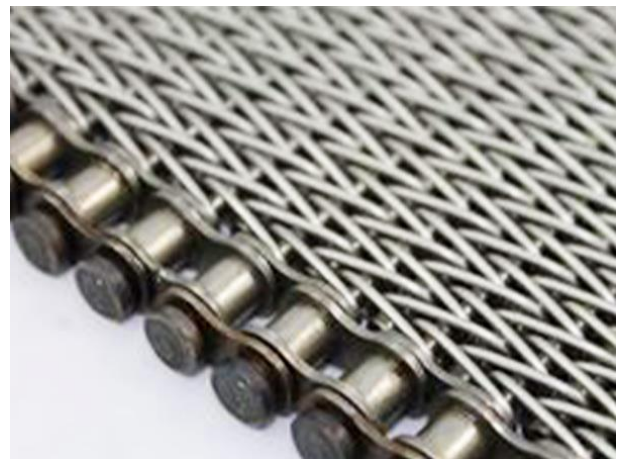


Edge Availability

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



Compound weave conveyor belt with welded edge



Compound weave conveyor belt with chain edge

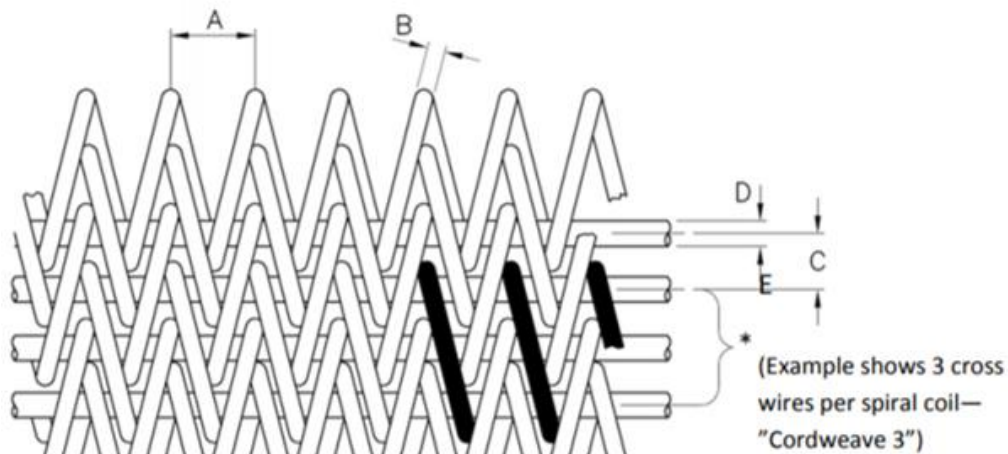
Material Availability

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

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Material	Maximum Wire Operating Temperature °C
Carbon Steel	550
304 Stainless Steel	750
316 Stainless Steel	800
316L Stainless Steel	800
Inconel 600	1150

Specifications



A: Coil Pitch (mm)

B: Coil Wire Diameter (mm)

E: Number of Cross Wires per Spiral Coil (mm)

C: Cross Wire Pitch (mm)

D: Cross Wire Diameter (mm)



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Compound Weave Conveyor Belts specifications					
Item	Coil pitch (mm)	Coil wire diameter (mm)	Cross wire pitch (mm)	Cross wire diameter (mm)	Number of cross wires per spiral coil (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	2.24	1.22	4
CWCB-05	8.47	1.63	3.63	1.63	4
CWCB-06	6.35	1.22	2.82	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 a flat carrying surface with little open area, Compound Weave Conveyor Belt is a popular choice for applications as diverse as bottle-annealing to baking small snack products. Compound Weave Conveyor Belt is particularly popular in baking applications as its high-density construction ensures a uniform heat transfer through to the product.

- Rice Handling
- Heat Treating of Small Fasteners
- Sintering of Powdered Metal Components
- Accumulation Tables
- Biscuits, tortillas, cookies and crackers baking
- Glass works
- Serving as pasteurizing belt
- Swarf Conveyors
- Furnace Curtain
- Electro-Plating
- Seed Drying
- Hardening, tempering, quenching.
- Electrotechnical industry
- Furnace belts

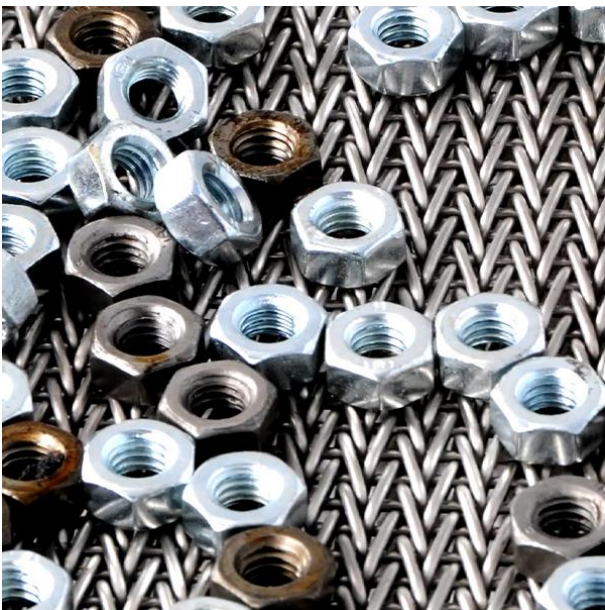
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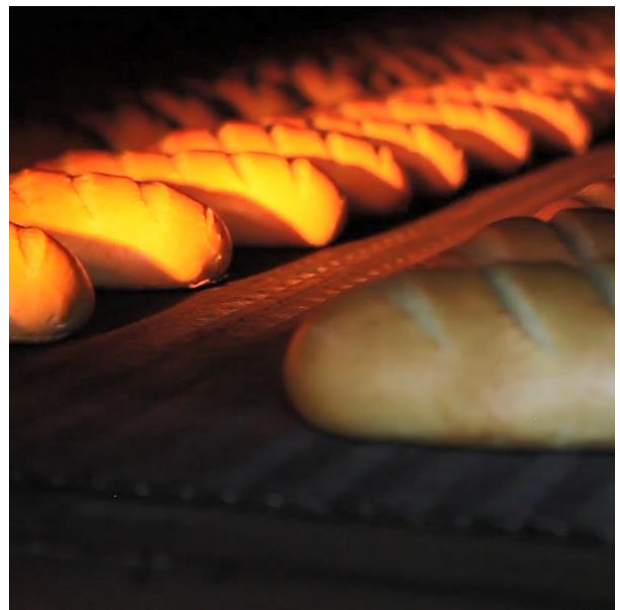
Compound Weave Conveyor Belt for Furnace belts



Compound Weave Conveyor Belt for Drying



Compound Weave Conveyor Belt for Heat Treating of Small Fasteners



Compound Weave Conveyor Belt for baking bread



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METAL CONVEYOR BELTS



Balanced Woven Conveyor Belts



Compound Weave Conveyor Belts



Chain Link Conveyor Belts



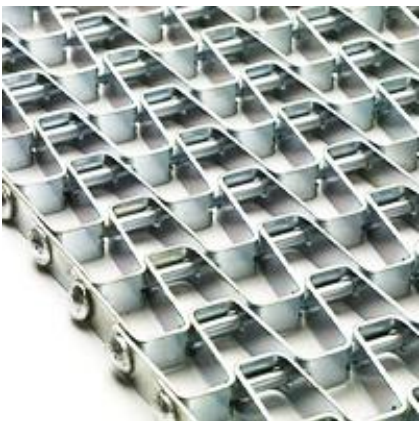
Flexible Rod Conveyor Belts



Flat Flex Conveyor Belts



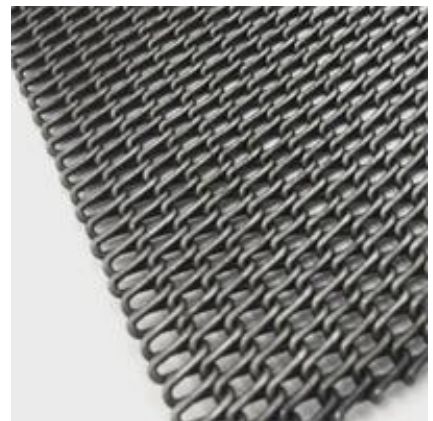
Eye Link Conveyor Belts



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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