www.industrialconveyorbelt.com
wirebelt@pfmscreen.com
WhatsApp +86-153-6967-9157

METAL CONVEYOR BELTS · PRODUCT DATA SHEET

Honeycomb & Flat Wire Conveyor Belts

Formed flat-strip pickets and straight cross rods create an open lattice with an even carrying level. PFM SCREEN supplies honeycomb belts with selected materials, welded or clinched edges and optional guards or flights for straight-running food and industrial conveyors.

4 Standard material options	**2** Edge finishes	**7** Listed configurations
100.00-3,000.00 Published width range, mm	**Open Lattice** Airflow and drainage	**Straight Run** Conveyor arrangement

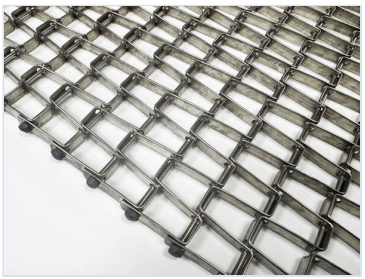


OVERVIEW

Formed strips stand on edge, with their upper edges forming the carrying level. Openings allow air, steam, water and oil to pass through.

Select the clear opening and transfer arrangement for the smallest product. Cross-rod pitch alone does not establish aperture size or replacement compatibility.





FEATURES AND BENEFITS

01 Even Carrying Level
Supports suitable small, fragile or irregular products that bridge the openings.

02 Airflow and Drainage
Open lattice supports thermal processing, washing and draining.

03 Flat-Strip Stiffness
Strip height and thickness contribute to stiffness; load and support require review.

04 Drive Choices
Positive sprocket drive is common; approved constructions may use friction drums.

05 Edge Options
Welded or clinched ends selected for the dimensions and clearances.

06 Custom Widths
100.00-3,000.00 mm published range; wider belts reviewed on request.

www.industrialconveyorbelt.com
wirebelt@pfmscreen.com
WhatsApp +86-153-6967-9157

01 DRIVE, EDGES AND MATERIALS

1.1 Methods of drive

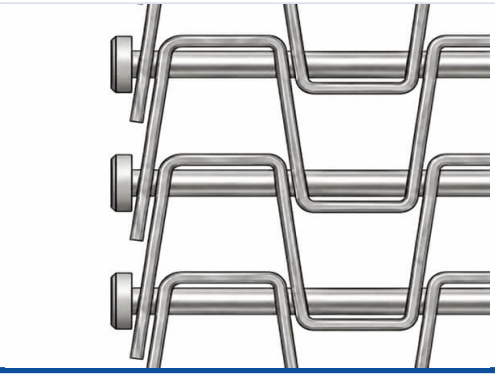
01 Positive Sprocket Drive

Match cross-rod pitch, tooth profile, sprocket positions and drive diameter. Alignment and support remain necessary.

02 Friction Drum Drive

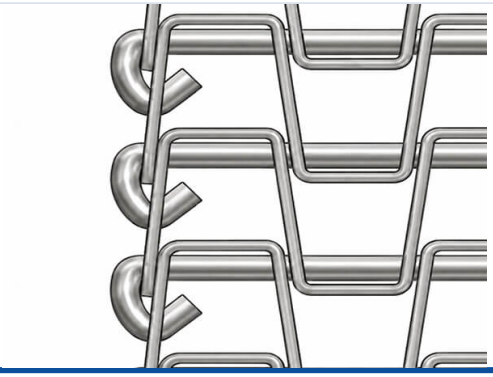
Confirm belt construction, drum diameter, wrap and traction for the selected assembly.

1.2 Edge availability



Welded Edge

Rod ends use welded buttons or washers according to the specification. Confirm end projection and splice details.



Clinched Edge

Rod ends are mechanically bent to retain the pickets. Availability depends on the dimensions and construction.

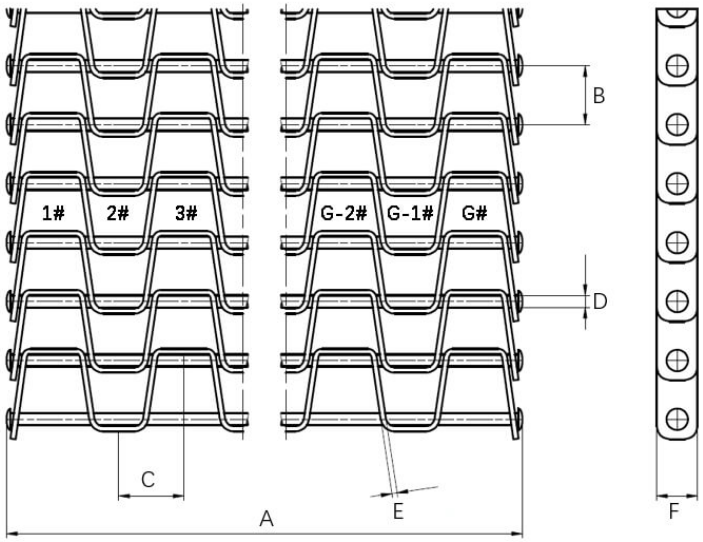
1.3 Material selection

Material	Selection considerations
Stainless Steel 304	Suitable food, baking, drying and cooling duties; review product and cleaning conditions.
Stainless Steel 316	Improved resistance in some chloride-containing environments; confirm concentration, temperature and exposure.
Carbon Steel	Specify the grade for suitable dry or industrial service.
Galvanised Steel	Confirm zinc-coating compatibility with heat, process chemicals and product contact.

Identify both strip and cross-rod materials. Operating temperature is application-specific.

02 DIMENSIONS AND STANDARD SPECIFICATIONS

2.1 A-G measurement guide



- **A** Overall width (mm)
- **B** Cross-rod pitch (mm)
- **C** Nominal lateral pitch (mm)
- **D** Cross-rod diameter (mm)
- **E** Strip thickness (mm)
- **F** Strip height (mm)
- **G** Apertures across width (count)

C is nominal lateral pitch, not clear opening or sprocket spacing. G counts all openings from 1# to G# and has no length unit.

2.2 Listed dimensional configurations

Item	B: Rod Pitch (mm)	C: Lateral Pitch (mm)	D: Rod Dia. (mm)	E: Strip Thick. (mm)	F: Strip Height (mm)
H CB01	13.70	14.60	3.00	1.00	10.00
H CB02	26.20	15.55	4.00	1.20	12.00
H CB03	27.40	15.70	3.00	1.25	9.50
H CB04	27.40	24.70	3.00	1.25	9.50
H CB05	28.60	15.00	3.00	1.25	9.50
H CB06	28.60	26.25	3.00	1.25	9.50
H CB07	28.40	22.50	4.00	1.20	15.00

Material, overall width, aperture count and edge finish must be confirmed for each configuration.

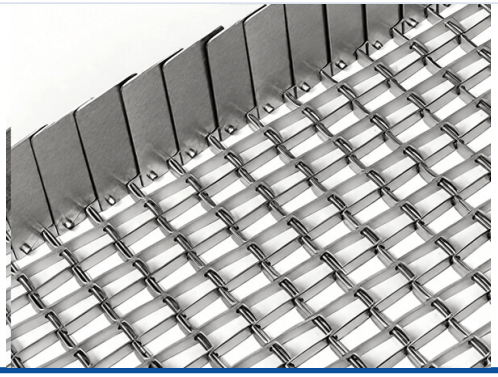
Identify your flat wire belt

Send mesh and edge photos, approximate width, full-loop length and known A-G dimensions. Add drive photographs and process conditions.

Request Custom Quote

Email Specifications

03 ACCESSORIES AND REPLACEMENT MATCHING



Side Plates

Specify height, thickness, material, lane width and clearances to contain products.



Flights

Specify width, height, thickness and spacing. Confirm articulation around drive and return ends.

3.1 Measuring an existing belt

Measure only on a stopped, safely isolated conveyor. Measure B between the centres of the first and eleventh rods and divide by 10; use an unworn or lightly worn section.

Record A and full-loop length, C-F, the total aperture count G, and the actual clear opening separately. Photograph the edge, splice, underside and drive sprockets.

3.2 Details for the agreed construction

Item	Information to confirm
Product support	Actual opening in both directions, smallest product and transfer gap.
Load and belt pull	Product load, load distribution, speed, temperature and support spacing; load is not allowable tension.
Sprockets	Pitch, bore, outside diameter, thickness, tooth count/profile, keyway, material and shaft positions.
Edges and width	Overall and usable widths, end projection, splice, side plates and flights.
Final specification	Belt weight, open area, permissible tension, drive/return diameters and tolerances.

Full-loop length includes carrying run, return and end wraps. A nominal mesh designation alone is insufficient.

www.industrialconveyorbelt.com
wirebelt@pfmscreen.com
WhatsApp +86-153-6967-9157

04 APPLICATIONS



Heating



Packaging



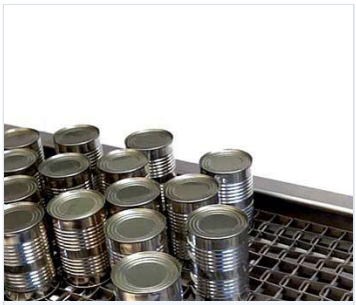
Blast Freezing / IQF



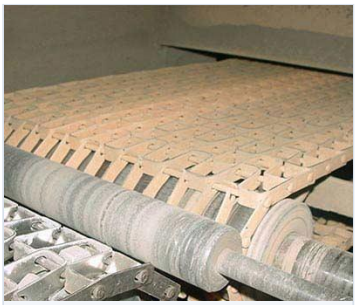
Product Handling



Bread and Bakery Ovens



Canning Lines



Sieving / Screening



Parts Washing

Honeycomb belts also serve suitable cooling, drying, sorting, transport and waste-handling duties. Selected screening applications depend on the actual opening, size distribution and wear conditions.

Review product size, layer depth, temperature, airflow or wash conditions, load and drive. Heating, cooling and cleaning performance depend on the process equipment as well as the belt.

Select a belt for your process

Send product details, load, temperatures, cleaning method and conveyor dimensions. Unknown measurements can be reviewed from photographs or a sample.

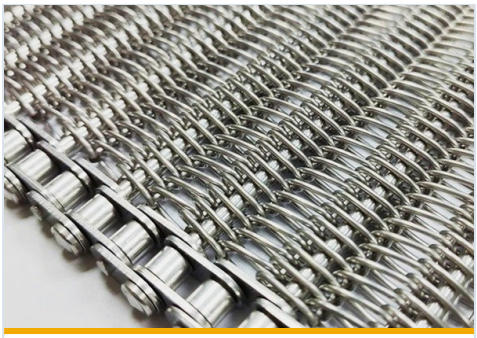
Request Custom Quote

Email Specifications

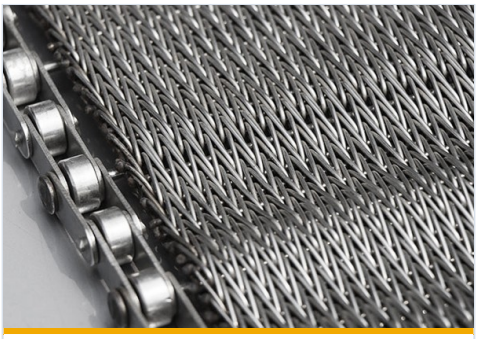
www.industrialconveyorbelt.com
wirebelt@pfmscreen.com
WhatsApp +86-153-6967-9157

OUR COMPLETE PRODUCT RANGE

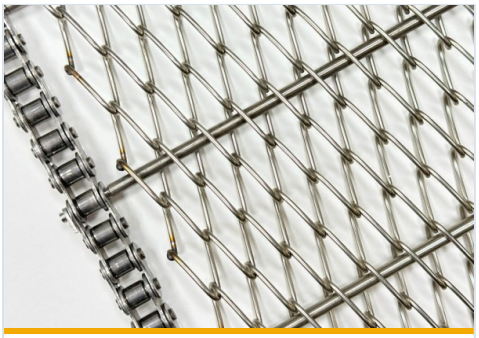
Factory-direct metal conveyor belts and matched drive components — click any product to view full specifications online.



01 Balanced Spiral Woven Belts



02 Compound Weave Belts



03 Chain Link Conveyor Belts



04 Flat Flex & Enrober Belts



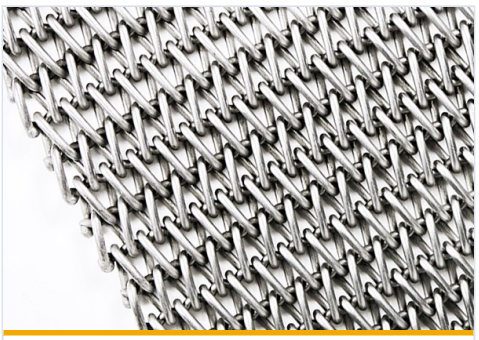
05 Eye Link & Eye Flex Belts



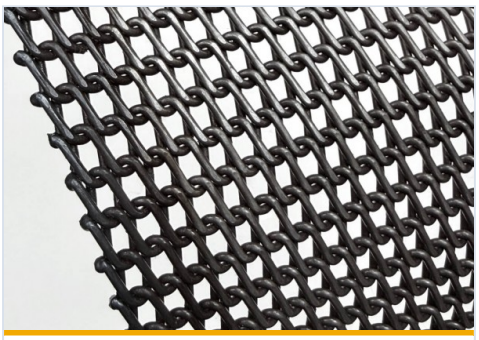
06 Honeycomb & Flat Wire Belts



07 Plate Link & Hinged Steel Belts



08 Wire Mesh Lehr Belts



09 Biscuit Baking Belts



10 Spiral Freezer Belts



11 Flexible Rod Conveyor Belts



12 Self-Stacking Spiral Belts



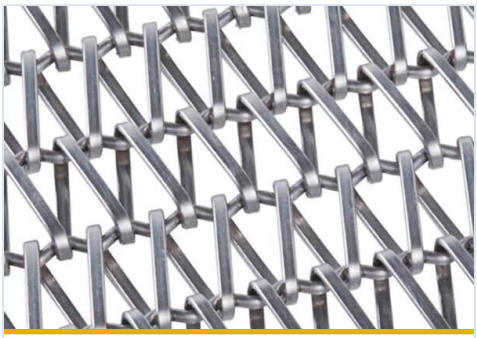
13 Edge Drive Spiral Freezer Belts



14 Ladder Conveyor Belts



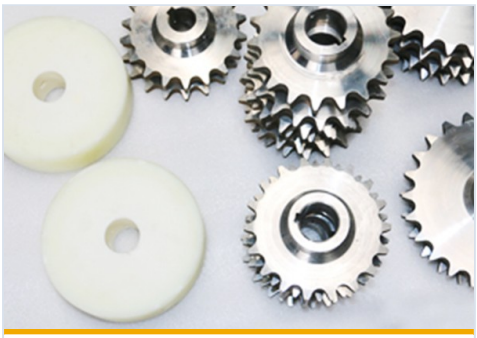
15 Woven Rod Bar Conveyor Belts



16 Veneer Dryer Wire Mesh Belts



17 Chain Links



18 Sprockets

WHY PFM SCREEN BELTING

Since 1987
Factory-direct manufacturing in Anping, Hebei — China's wire mesh base

16+
Metal belt types, plus matched chains and sprockets

60+
Countries supplied with export-grade crating

1 Business Day
Typical response from our sales engineering team

CONTACT US

INTERNATIONAL SALES & ENQUIRIES

Address No.1107, Floor 11, Dazhong Plaza, Yinhe Road, Guangyang District, Langfang, Hebei, China 065000
Mobile +86-153-6967-9157
Email wirebelt@pfmscreen.com
WhatsApp +86-153-6967-9157

PRODUCTION & TECHNICAL SUPPORT

Address Industrial Park Zone of South, Anping County, Hebei Province, China 053600
Mobile +86-189-3167-2095
Email filter@pfmscreen.com
WhatsApp +86-189-3167-2095

Scan to visit
industrialconveyorbelt.com

Ready to turn your belt details into a quotation?
Complete the enquiry form for your belt type and email it with drawings or photos, operating conditions and required quantity. Unsure which form to use? Send a photo of your existing belt.

Request Quote Now
Email Completed Form