

Rexnord Conveying Solutions Catalog



# Rexnord Conveying Solutions for the Food Industry



# When the Industry Moves, Rexnord is the Preferred Choice

When it comes to providing highly engineered products that improve productivity and efficiency for industrial applications worldwide, Rexnord is the most reliable in the industry. From durable products like plastic bottles, to a more delicate product like a bag of chips, Rexnord works to ensure the sustainability of your product through production and distribution. Our commitment to customer satisfaction and superior value extends to every area of our business.

## Lowest Total Cost of Ownership

The highest quality products are designed to help avoid unscheduled downtime, reduce energy and water consumption, maximize productivity, reduce waste, improve safety and deliver dependable operation.

## Valuable Expertise

An extensive product offering is accompanied by skilled and knowledgeable Global Sales Specialists, Customer Service Teams, Application and Design Engineers and Industry Experts, available anytime to help identify the optimal solution for your specific application.

## Solution to Enhance Ease of Doing Business

Rexnord offers the industry's most complete portfolio of conveying chain, conveyor components, gear, bearing, coupling and industrial chain for the food and beverage industry. Our commitment to operational excellence means you benefit from getting the right products to the right place at the right time.

Cambridge-Rexnord is the world's only manufacturer of metal and plastic conveyor belts, conveyor components and filtration.

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## **Contact us**

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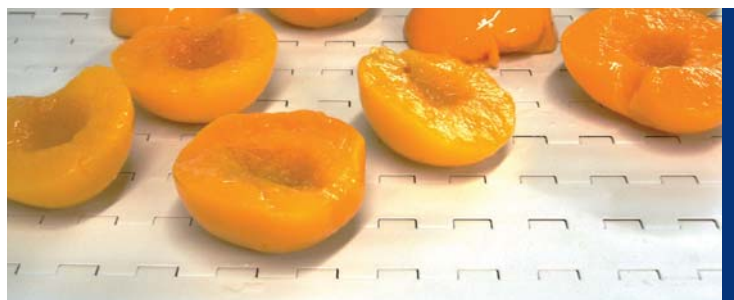
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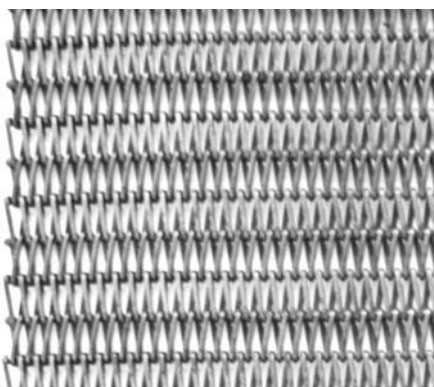
# Straight Line Friction Drive Conveyor Belts

Balanced weave belts are the heart and soul of many bakeries and snack food operations. These straight-line belts are the optimal choice for friction driven conveyors. With their alternating right and left hand spiral construction and endless customization options, Cambridge's suite of balance belts deliver better stability, heavier loads and increased surface area to the baking industry.



*Working with Cambridge makes our work so much easier on a daily basis. They do whatever it takes to get you what you need when you need it.*

Engineer, Baking Equipment Manufacturer

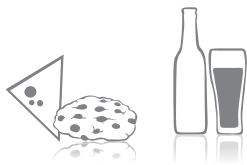


**Oven Balanced Flat Seat®**

Unique spiral shape and flat seat® rod design decrease belt stretch

## Features

- Best tracking
- Greater product stability
- Less stretch and distortion
- Easily spliced



## Technical Specs

- Widths up to 220" (559cm)
- Speeds to 1200fpm (366 m/min)
- Temperatures up to 1000 F (538C)
- T316LSS, T304SS, T430SS, HCS, Galv.



**DiaCrimp®**

Less vibration of any belt available in the marketplace

## Features

- Increased carrying surface
- Best belt stability
- Better tracking
- Easily spliced



## Technical Specs

- Widths up to 220" (559cm)
- Speeds to 1200fpm (366 m/min)
- Temperatures up to 1000 F (538C)
- T316LSS, T304SS, T430SS, HCS, Galv.

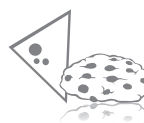


**Compound Balanced Weave**

Our tighter mesh provides better tracking & baking than standard compound balance belts

## Features

- Smooth, dense weave in dozens of sizes
- Excellent for baking any product
- Best surface area



## Technical Specs

- Widths up to 160" (406cm)
- Speeds to 1000fpm (304.80m/min)
- Temperatures up to 1000 F (538C)
- T316LSS, T304SS, T430SS, HCS, Galv.



# Straight Line Friction Drive Conveyor Belts

## REAL PEOPLE REAL RESULTS

### Iced Cookies Stay Sweeter with DuraFlex® EDGE

A large cookie manufacturer found that frequent maintenance on their icing line was taking a bite out of production. Removed weekly to clean out sugar build-up knocked the belts out of shape and led to costly, time-consuming replacements. Cambridge installed DURAFLEX® EDGE and gave the plant back their dough.

*Cambridge's positive drive belts have customized sprockets to assure the absolute best tracking, smoother operations and less product loss. These low tension, self-tracking belts are perfectly aligned with each application. Available in the widest variety of sizes, pitches and materials, many utilize patented technologies and are certified by the USDA as the gold standard in metal processing belts for food safety.*



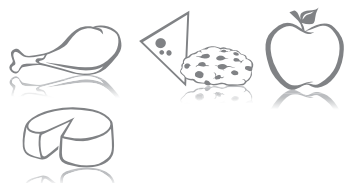
Duraflex® EDGE

P

Lasts 5x longer than any flex style belt on the market

#### Features

- NokLok™ pickets for optimal strength
- Easy 30-second splicing
- USDA-Certified for dairy market
- Eliminates snagging on adjacent belts
- Clear opening, lightweight design
- Patented edge technology



#### Technical Specs

- Widths up to 156" (396cm)
- Speeds to 200fpm (61m/min)
- Temperatures up to 1000 F (538 C)
- T316LSS, T304SS
- See page 14 for sprockets



SaniGrid®

Simple open design provides efficient operation with minimum maintenance

#### Features

- Sanitary and easy to clean
- Flat uniform surface for gentle product handling
- Also available in turn belt design
- Available with UBar Fillers
- Resists stretching, reduces downtime



#### Technical Specs

- Widths up to 48" (122cm)
- Speeds to 50fpm (15m/min)
- Temperatures up to 1000 F (538 C)
- Choice of 5, 7 or 9 gauge rods
- T304SS, HCS, Galv.
- See page 14 for sprockets



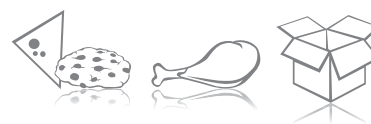
DuraHinge®

P

Lasts twice as long as other flex style belts

#### Features

- Patented compound Z bend hinges vs. flexes
- Spring tempered wire, strongest material available
- Reduces curling and snagging
- Light-weight and easy to clean
- Most specs are in stock



#### Technical Specs

- Widths up to 156" (396cm)
- Speeds to 150fpm (46m/min)
- Temperatures up to 1000 F (538 C)
- T304SS
- See page 14 for sprockets

# Straight Line Positive Drive Conveyor Belts

## REALPEOPLE REALRESULTS

Our cracker-jack team discovered an inferior belt was stretching while the cookies cooled, causing them to lose orientation and miss their sandwich match. **Precision's** flatter carrying surface and unparalleled tracking united these confectionary crackers and more than doubled belt life.

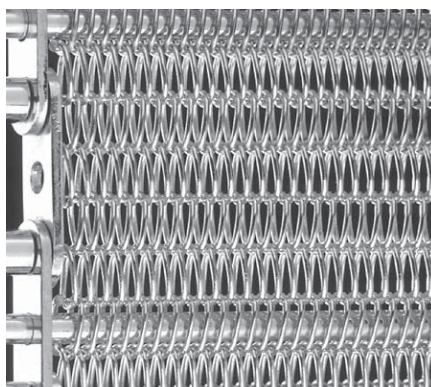
### Cookie-Cutter Belt Couldn't Cut It

When a popular cookie baker couldn't keep their sandwich cookies together, they called on Cambridge to clean up the crumbs and save some dough.

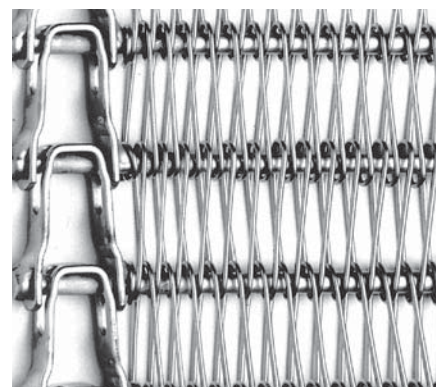


**Precision**

**P**



**Chain Drive**



**Cam-Grid® Straight Line**

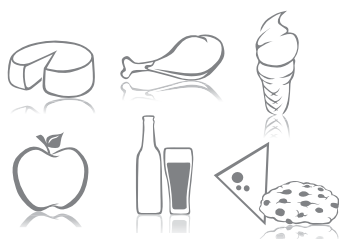
Most precise belts, sprockets and drive rolls on the market

Custom solutions for tough applications requiring tight tolerances

Lightweight alternative for typical chain drive applications

#### Features

- Truest tracking belt
- Widest range of custom options available, hinges around 1/4" nosebar
- 5x longer life than similar belts
- Stable product carrying surface
- Unique sprocket/belt match allows thermal expansion and contraction



#### Technical Specs

- Widths up to 156" (396cm)
- Speeds to 600fpm (183m/min)
- Temperatures up to 1000 F (538 C)
- T316LSS, T304SS, HCS
- See page 14 for sprockets

#### Features

- Handles heavy loads and slippery conditions
- Ideal for inclines, declines, freezers and fryers
- Unlimited mesh variations

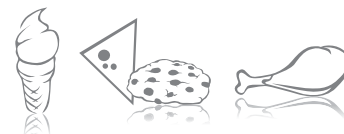


#### Technical Specs

- Widths up to 156" (396 cm)
- Speeds to 150fpm (46m/min)
- Temperatures up to 1000 F (538 C)
- T316LSS, T304SS, HCS

#### Features

- Positive drive ensures smooth product flow
- Reduces waste, protects quality
- Easy to clean



#### Technical Specs

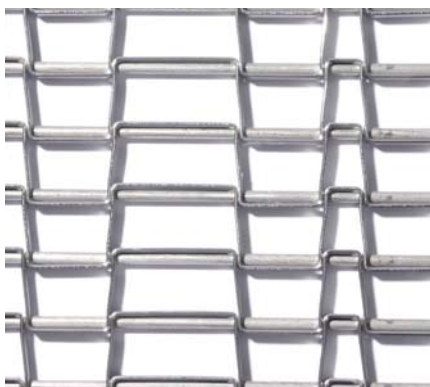
- Widths up to 75" (191 cm)
- Speeds to 80fpm (24m)
- Temperatures up to 1000 F (538 C)
- T316LSS, T304SS, HCS
- See page 14 for sprockets

# Straight Line Positive Drive Conveyor Belts

## REAL PEOPLE REAL RESULTS

### Something Fishy Afloat

We thought there was something fishy about a seafood processor having to continually shut down their line to repair stretched belting and clean product build-up. With fresh eyes and a fresh approach, Cambridge installed our patented **PacTitan®** belt. With its self-cleaning sprockets and clinched edge, we got this plant swimming again.

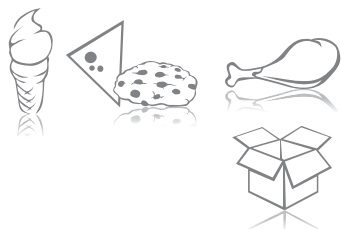


**PacTitan**

Only flatwire belt with customized openings on the market

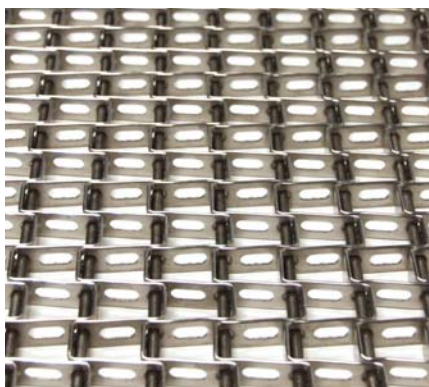
#### Features

- Lasts up to 30% longer than traditional flat wire
- Variable openings for cooling and freezing
- NokLok™ picket technology
- Standard and heavy duty available
- Less stretch and distortion



#### Technical Specs

- Widths up to 256" (650cm)
- Speeds to 250fpm (76m/min)
- Temperatures up to 1000 F (538 C)
- T316LSS, WRSS, T304SS, HCS, Galv.
- See page 14 for sprockets

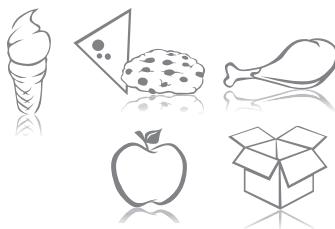


**PacLite**

All the advantages of PacTitan with even less weight

#### Features

- Newest, lighter weight flatwire belt
- Variable openings for cooling and freezing
- NokLok™ picket technology
- Standard and heavy duty available
- Less stretch and distortion



#### Technical Specs

- Widths up to 256" (650 cm)
- Speeds to 250fpm (76m/min)
- Temperatures up to 1000 F (538 C)
- T316LSS, WRSS, T304SS, HCS, Galv.
- See page 14 for sprockets

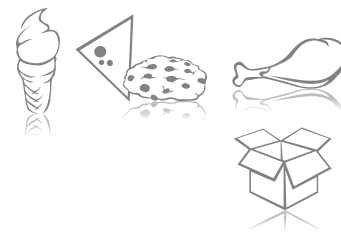


**PacTite®**

Nesting picket design with clinched edge delivers truer tracking, longer lasting belt

#### Features

- Clinched combination eliminates stretch and distortion
- Reduces product tipping and vibration
- Better product stability
- Strong, rugged, durable construction
- Standard and heavy duty available



#### Technical Specs

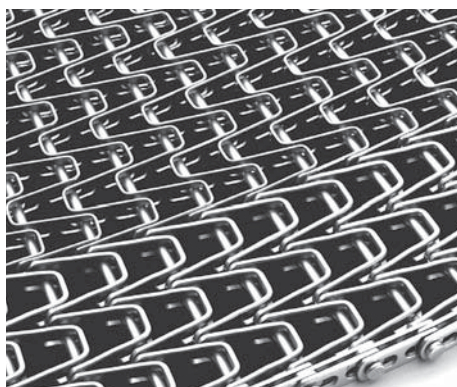
- Widths up to 256" (650cm)
- Speeds to 200fpm (61m/min)
- Temperatures up to 1000 F (538 C)
- T316LSS, WRSS, T304SS, HCS, Galv.
- See page 14 for sprockets



# Spiral & Turn Conveyor Belts

## **LEADING EDGE®** Wider Faster Stronger

Than any spiral belts in the market, these patented systems are designed to process and move baked goods, meats, poultry, fish and prepared foods of all kinds. Versatile and perfectly suited for a wide variety of light and heavy duty applications including heating, cooling, proofing and freezing at sustained speeds to 250fpm.

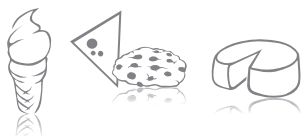


Leading Edge® Performance Link **P**

Strongest spiral cage belt in the industry for heavy loads & high volume

### Features

- Open link construction for air circulation and drainage
- Exceptional strength and stress resistance
- Trouble free operation
- No flipping required



### Technical Specs

- Widths up to 60" (152cm)
- Speeds to 250fpm (76m/min)
- Turn ratio 1.5 - 4.0 x belt width
- Tension rating up to 650lbs
- T316LSS, WRSS, T304SS
- See page 14 for sprockets



DuraLite® **P**

Customized openings reduce weight and increase airflow

### Features

- More product carrying capacity
- Improved efficiency to chill and freeze foods faster
- Strong and lightweight
- Easy to clean
- Energy saving and efficient



### Technical Specs

- Widths up to 60" (152cm)
- Speeds to 130fpm (40m/min)
- Turn ratio 1.15 - 4.0 x belt width
- Tension rating up to 400lbs
- T316LSS, WRSS, T304SS
- See page 14 for sprockets



Leading Edge® DuraLite® **P**

Combining leading edge's strength and carrying capacity with Duralite's customizable openings

### Features

- Customized openings reduce weight and increase airflow
- Exceptional strength and stress resistance
- More product carrying capacity
- Improved efficiency to chill and freeze foods faster

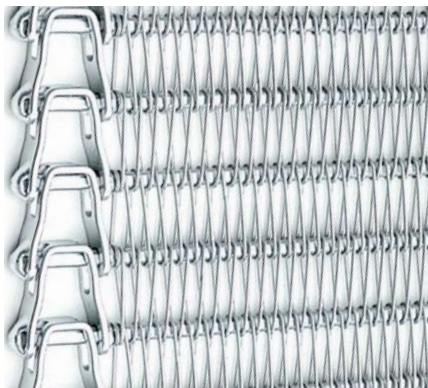


### Technical Specs

- Widths up to 60" (152cm)
- Speeds to 200fpm (61m/min)
- Turn ratio 1.15 - 4.0 x belt width
- Tension rating up to 550lbs
- T316LSS, WRSS, T304SS
- See page 14 for sprockets



Long recognized for leadership in the design and manufacture of spiral cage and turn belting, Cambridge produces the industry's proven performers. We have many metal belting options available for spiral cage and systems for cooking, baking, cooling and freezing. Let us help you determine the best metal belt option for the longest belt life and maximum product throughput. All of Cambridge's specified belts for use in spiral cages are compatible with systems from all major OEMs.



**Leading Edge® Performance Grid** P

Strongest mesh grid belt in the market  
(available in mesh overlay and rod only designs)

#### Features

- Faster, wider and heavier loads
- Oblong rods prevent link wear/distortion
- Superior design and construction
- Easy to clean



#### Technical Specs

- Widths up to 60" (152cm)
- Speeds to 250fpm (76m/min)
- Turn ratio 2.2 - 4.0 x belt width
- Tension rating up to 450lbs
- T316LSS, WRSS, T304SS
- See page 14 for sprockets



**Cam-Grid® Xtra** P

More product carrying capacity without the extra weight

#### Features

- Trouble-free operation in tough applications
- Wears evenly for extra-long life
- Increased product carrying capacity
- Available in mesh overlay and rod only designs



#### Technical Specs

- Widths up to 56" (142cm)
- Speeds to 150fpm (46m/min)
- Turn ratio 1.6 - 4.0 x belt width
- Tension rating up to 300lbs
- T316LSS, WRSS, T304SS
- See page 14 for sprockets

# Spiral & Turn Conveyor Belts



*Cambridge is very thorough and makes sure the proper and most economical belt is used. Customer service is simply amazing whether turning around quotes, responding to engineering questions or addressing any concerns.*

Maintenance Manager, Bakery



**Cambri-Link®**

**P**



**Cam-Grid®**

**P**

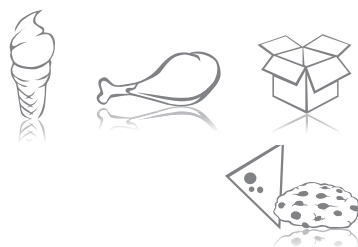


**Heavy Duty Tight Radius Cam-Grid® P**

Cambridge's standard spiral cage link belt

## Features

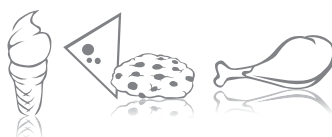
- Open mesh for circulation and drainage
- High strength to weight ratio
- Collapsible for easy cleaning
- Standard, reduced and tight radius options



Cambridge's standard spiral cage grid belt (shown as rod only: available in mesh overlay)

## Features

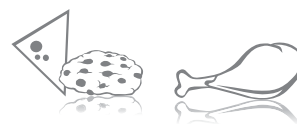
- Positive drive ensures smooth product flow
- Reduces waste, protects quality
- Collapsible for easy cleaning



Maximum throughput with minimal footprint and tightest turn radius

## Features

- Highest strength to belt weight ratio for tight radius belts
- Improved efficiency chills and freezes food faster
- Available in mesh overlay and rod only designs



## Technical Specs

- Widths up to 60" (152cm)
- Speeds to 130fpm (40m/min)
- Turn ratio 1.0 - 4.0 x belt width
- Tension rating up to 400lbs
- T316LSS, WRSS, T304SS
- See page 14 for sprockets

## Technical Specs

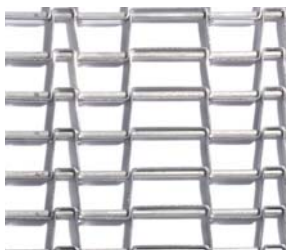
- Widths up to 56" (142cm)
- Speeds to 80fpm (24m/min)
- Turn ratio 1.1 - 4.0 x belt width
- Tension rating up to 150lbs
- T316LSS, WRSS, T304SS
- See page 14 for sprockets

## Technical Specs

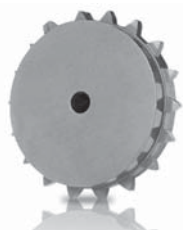
- Widths up to 54" (137cm)
- Speeds to 150fpm (46m/min)
- Turn ratio 1.1 - 1.7 x belt width
- Tension rating up to 250lbs
- T316LSS, WRSS, T304SS
- See page 14 for sprockets

Cambridge's custom engineered and precision fit sprockets are available for our positive drive conveyor belts in six types of materials. Specifications and material are determined based on application and belt specifications.

Sprocket drive provides a smooth, positive means of driving the belt, serves to keep the belt properly aligned and provides accurate synchronization of belt movement with operations.



PacTite Family



Machined Steel



Self Cleaning



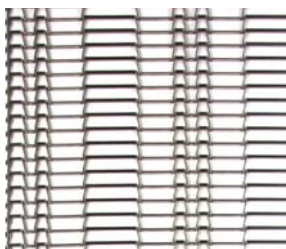
VSHT



UHMW



Cast Iron



Duraflex® EDGE



Stainless Steel P



Acetal P



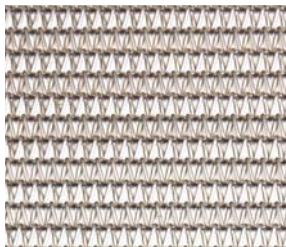
Durahinge®



Stainless Steel



Acetal



Precision®



MTR Plus Roll P



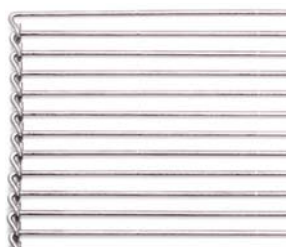
Self Cleaning Roll P



Stainless Steel P



Acetal P



Sanigrid®



Stainless Steel



UHMW



2 Piece



Spiral Cage



Stainless Steel



UHMW

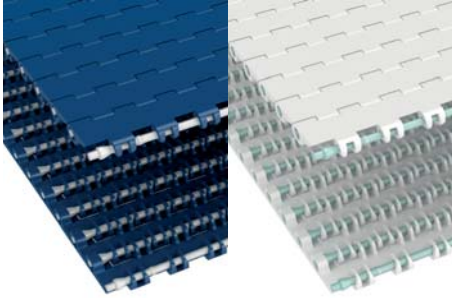


# Rexnord FlatTop Chain and Components Solutions

## REALPEOPLE REALRESULTS

### Food safety is a priority for Rexnord

We manufacture a wide range of components with the highest quality stainless steel and thermoplastic materials, maximizing corrosion resistance and microbial protection. Our trusted products are found in applications throughout many different segments of the food industry.



**Rexnord 1010 Series MatTop Chain**

The Rexnord 1010-Series 1-inch pitch Chain is designed to meet the increasing demand from food processing industry for improved hygiene and better cleanable products.

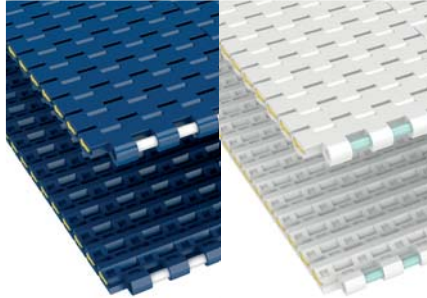
#### Features

- When turning over a small roller the hinges open, exposing a large pin surface, offering excellent cleaning possibilities
- easy to operate for maintenance and cleaning
- The belt is supplied mould-to-width up to 24 inch
- The bottom of the module is curved, improving drainage and reducing drying time of the belt after cleaning allows thermal expansion and contraction



#### Technical Specs

- Widths up to 24 inch (609.6 mm)
- Weight kg/m<sup>2</sup> 480
- Temperatures up to 219 F (104 C)
- Solid Top 1015
- Block body sprocket design for easy CIP (Clean in Place) sanitation. Available in industry standard bore sizes and pitch diameters.



**Rexnord 1500 Series MatTop Chain**

The Rexnord 1500 Series MatTop Chain is designed to enable smooth inline nose-over and 90° transfers.

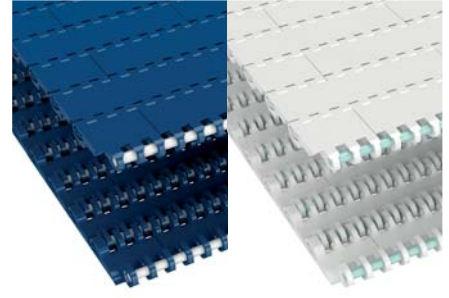
#### Features

- The 15 mm pitch in combination with the curved underside of the belt reduces chordal action and permits the use of very short transfer plates or no transferplates at all.
- The small pitch ensures perfect product handling, even for the most vulnerable products.
- Belt and sprocket design ensure optimum engagement and a reliable, bi-directional drive.



#### Technical Specs

- Widths up to 120 inch (3048 mm)
- Weight kg/m<sup>2</sup> 13200
- Temperatures up to 221 F (105 C)
- TSolid Top 1505, Flush Grid 1506 (26% open area)



**Rexnord 2010 Series MatTop Chain**

The Rexnord 2010-Series 2-inch pitch Chain can be used in a large variety of food applications.

#### Features

- The rod retention area is very easy to clean and because of the absence of rims or hidden areas there is no risk of dirt and debris accumulating.
- The extended hinge eyes underneath the belt provide a large footprint, reducing contact pressure and wear
- The connection of the hinge eyes with the top plate is very rigid, giving the belt excellent impact resistance



#### Technical Specs

- Widths up to 120 inch (3048 mm)
- Weight kg/m<sup>2</sup> 13600
- Temperatures up to 149 F (65 C)
- Solid Top 2015, Perforated Top 2016 & Textured Top 2011
- Block body sprocket design for easy CIP (Clean in Place) sanitation. Available in industry standard bore sizes and pitch diameters.

# Rexnord FlatTop Chain and Components Solutions

## REALPEOPLE REALRESULTS

### The Food Industry

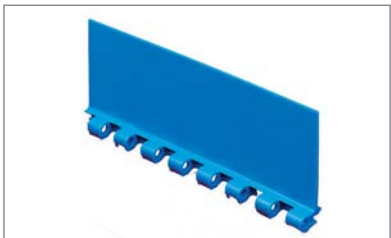
When your operation is running, the last thing you want to worry about is cleanliness. Whether moving raw food ingredients, containerized food or boxed packaging, Rexnord's solutions will handle your product safely and efficiently. Our broad portfolio includes products that are compliant with FDA food contact legislation, provide anti-microbial protection and engineered to resist the intrusion of moisture, dust and contaminants.



Rexnord 1010 Series MatTop Chain



Rexnord 1500 Series MatTop Chain



Rexnord 2010 Series MatTop Chain



# Rexnord FlatTop Chain and Components Solutions

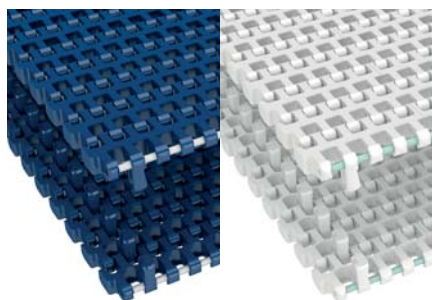
## REALPEOPLE REALRESULTS

and microbial protection. Our trusted products are found in applications throughout many different segments of the food industry.

### Food safety is a priority for Rexnord

We manufacture a wide range of components with the highest quality stainless steel and thermoplastic materials, maximizing corrosion resistance

and microbial protection. Our trusted products are found in applications throughout many different segments of the food industry.

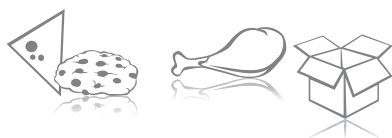


**Rexnord 1200 Series MatTop Chain**

The Rexnord 1200 Series MatTop Chain with a 1.25 inch pitch offers a solution for almost any curved application.

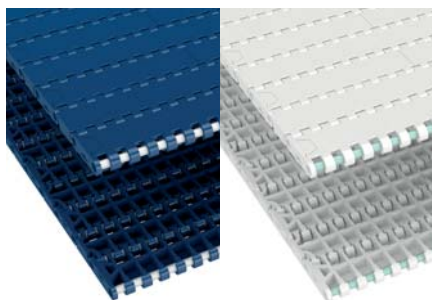
#### Features

- Reinforced end module allows up to 50% more weight of conveyed product
- Maximum speed up to 75 m/min, depending on the load on the chain
- Smooth product handling because of large support surface
- Maximum load on straight sections 5000 lbs (22000 N/m)
- Reinforced TAB guiding with sliding block system



#### Technical Specs

- Widths up to 40.1 inch (1020 mm) - 1265 and 1285. 1255 & 1275 Widths up to 30.1 inch (765 mm)
- Weight kg/m<sup>2</sup> 8.00
- Temperatures up to 146 F (65 C)
- 1255 standard execution, available with SuperGrip (Rubber Top), 1265 high load execution, 1275 compact radius design, 1285 high speed & load plus compact radius design execution
- Block body sprocket design for easy CIP (Clean in Place) sanitation. Available in industry standard bore sizes and pitch diameters.

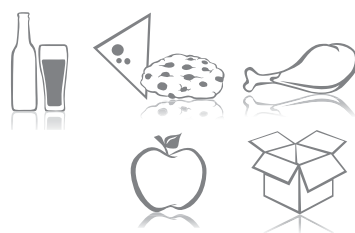


**Rexnord 1000 Series MatTop Chain**

The Rexnord 1000-Series 1-inch pitch belt combines strong design features with an all-round pitch, making it a versatile Chain.

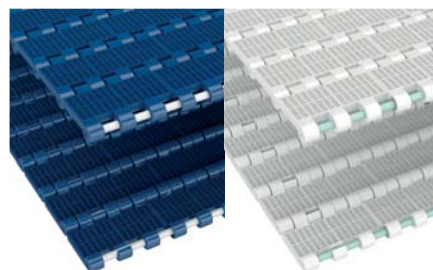
#### Features

- Versatile 1-inch pitch and the rigid cross-rib design result in optimum flatness and therefore superior product handling.
- The clip pin retention system in combination with the 2 module system makes the belt very easy to install and maintain.
- Rounded outside edges for better side transfers and improved product handling.



#### Technical Specs

- Widths up to 97.5 inch (2475mm)
- Weight kg/m<sup>2</sup> 9.55
- Temperatures up to 221 F (105 C)
- Positrack curves available

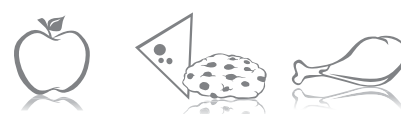


**Rexnord 6300 Series MatTop Chain**

The Rexnord 6300 Series 1.96 inch (50mm) pitch HYB (Hybrid) MatTop Chain, combines the features of steel and plastic components in a modular system.

#### Features

- Fully plastic product support surface due to the cleverly positioned tension plates underneath the chain surface
- Easy to operate pin retention system.
- Completely flush modules and edges.
- Bricklaid pattern improves chain robustness and enables easy maintenance and assembly.



#### Technical Specs

- Widths up to 97.5 inch (2475mm)
- Weight kg/m<sup>2</sup> 9.55
- Temperatures up to 221 F (105 C)
- Solid Top 6390T, Perforated Top 6391T & Perforated Top 6392T
- Block body sprocket design for easy CIP (Clean in Place) sanitation. Available in industry standard bore sizes and pitch diameters.



# Rexnord FlatTop Chain and Components Solutions

## REALPEOPLE REALRESULTS

### The Food Industry

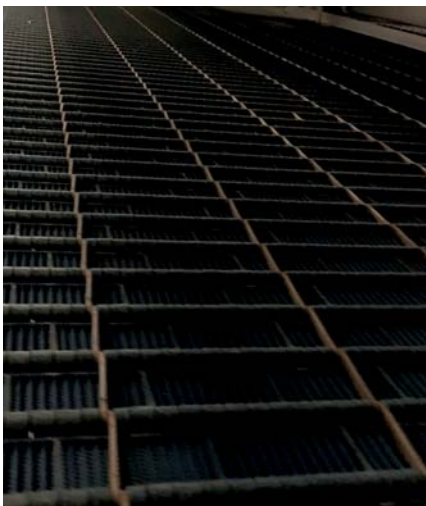
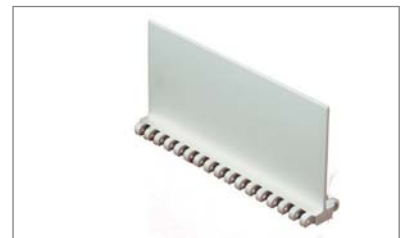
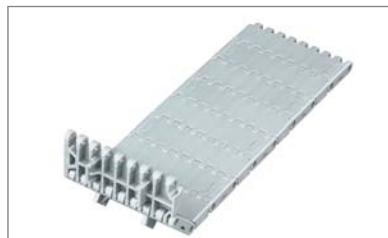
When your operation is running, the last thing you want to worry about is cleanliness. Whether moving raw food ingredients, containerized food or boxed packaging, Rexnord's solutions will handle your product safely and efficiently. Our broad portfolio includes products that are compliant with FDA food contact legislation, provide anti-microbial protection and engineered to resist the intrusion of moisture, dust and contaminants.



Rexnord 1200 Series MatTop Chain



Rexnord 1000 Series MatTop Chain



Rexnord 6300 Series MatTop Chain



# Trusted Brands. Reliable Performance. Engineered Solutions.

When it comes to providing highly engineered products that improve productivity and efficiency for industrial applications worldwide, Rexnord is the most reliable in the industry. From durable products like plastic bottles, to a more delicate product like a bag of chips, Rexnord works to ensure the sustainability of your product through production and distribution. Our commitment to customer satisfaction and superior value extends to every area of our business.



## Conveyor Components

Engineered to perform in high-speed and sanitary applications, Rexnord conveyor components help extend chain life and provide highly flexible, smooth running conveying conditions. Many products within Rexnord's complete portfolio of conveyor components are available in plastic and stainless steel to address a wide range of requirements.

### Chain Guide Components

- Wearstrips
- Corner tracks
- Return rollers

### Product Handling Components

- Guide rails
- Roller guides
- Clamps and brackets

### Frame Support and Leveling

#### Components

- Support bases
- Articulated and fixed feet
- Connecting joints

### Self Aligning Bearings

- Waterproof housing
- Multipurpose sealing system
- ISO 3228 standards

## Couplings

Rexnord provides a full portfolio of technology leading, non-lubricated coupling solutions to meet your specific application need. Omega™ and Wrapflex® elastomeric couplings reduce downtime and maintenance while extending the life of connected equipment. Additional product features include:

- Hub and shoe stainless steel option for washdown capability
- Replace-in-place design, eliminating need to remove driving or driven equipment
- Excellent vibration dampening capability
- High-misalignment capability



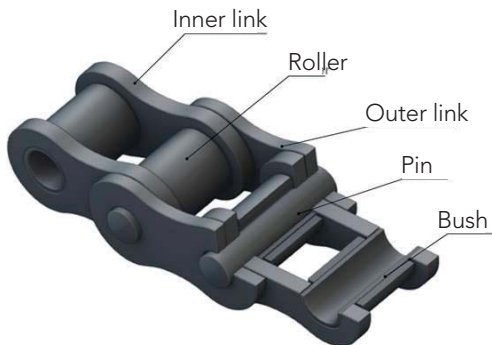
Bread tray conveyor equipped with FTM1060MR



## Roller Chain

Rexnord is the industry leader and most experienced chain manufacturer in the world. Using state-of-the-art manufacturing technologies, we provide high quality, reliable chain for years of trouble-free performance. We offer a broad range of roller chains for the food industry, including a number of different corrosion-resistant solutions and maintenance free chains such as Rexnord® RexPlus® (see characteristics and advantages on the right), RexPlusCarbon®, RexAthletic®, RexCarbon®, RexHiProAthletic®, RexHiPro® and our standard quality chain RexPro®. On request all chains produced with special requirements: matched in pairs, with different attachments, with special lubrication.

### Rexnord RexPlus Roller Chain



### Features and benefits

- Made from materials with excellent rust- and acid-resistant properties
- High loading capacity at speeds up to approximately 1.5 meter / second
- Seamless bushes
- NSF H1 certification
- Patented special steel
- High mechanical stability
- Perfect to use in extreme conditions

### Advantages

- High wear resistance
- Hygienic
- Resistant to water and steam
- Direct contact with foodstuffs permitted
- Long service life

### Lubrication

- With food-grade lubricant
- Temperature range: -40 F (-40 C) to +248 F (120 C) (extension from 248 F (120 C) to 752 F (400 C) possible)
- Also available without ex-works lubrication





*Cambridge has the market experience to provide total solutions customized for every food and beverage company. Our specialty belts and industrial products are used by the most respected names in food processing worldwide. From sorting and washing to cooking, cooling and packaging, there are hundreds of custom solutions based on the market and application. World-class engineering and manufacturing methods ensure that our belts last longer and deliver optimal results.*

## Cambridge Advantage



### Innovation

A pioneer in conveyor belt research and design, Cambridge holds more than three dozen international patents for engineering. We pioneered the manufacture of precision-engineered metal conveyor belts.

**P** = Cambridge Patented/Patent Pending Products



### Global Leader

Cambridge has an international manufacturing and sales operation. With plants in the U.S., Mexico and Brazil, and agents in more than 30 countries, we are recognized around the world.



### Solutions

Cambridge offers a total-systems, solutions-based approach. We work to evaluate, design and fabricate belting applications to maximize production, efficiency and food safety.



### Market Expertise

Cambridge's success is built on a foundation of food industry markets, applications and trends. Industry, government and the media look to us for insight on forces shaping food processing and safety.



### Customer Service 24/7/365

Our customers are in every time zone, with plants that run around the clock. We are available when you need us to discuss your question, schedule a consultation, recommend services or provide a quotation.



### Excellence

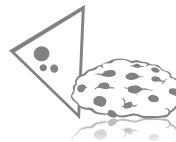
Cambridge is a proud member of the Conveyor Equipment Manufacturing Association. We are committed to upholding our reputation as a pioneer and practitioner of best practices in food safety and standards.

## Specialty Markets



### Frozen & Prepared Specialties

From pizza to ice-cream and ready-to-eat meals, Cambridge belts are with you every step of the way. We cook, freeze and package thousands of well-known brands and products.



### Bakery & Snack Foods

A leader in the baking equipment industry, Cambridge customers bake more bread, cookies, crackers and tortillas than anyone in the world. Our belts cook, decorate, bake and fry the tastiest treats around the world.



### Meat, Poultry & Seafood

Working to improve food safety across the industry, Cambridge belts are the preferred choice for leading poultry, beef and seafood processors. Select applications include: Form, fry, bread, coat or grill.



### Fruits & Vegetables

From field to factory, our belts harvest, sort, can and clean every size and type of fresh fruit or vegetable. Popular markets include peaches and strawberries.



### Dairy Products

Cambridge belts are USDA certified because of our stringent adherence to dairy's unique sanitation challenges. Our belts are the best to pasteurize, prepare and package cheese, milk or yogurt.



### Beverages

Cambridge has an extensive line of conveyor belts, wire cloth and filter leaves specially designed for the beverage industry. Our products pasteurize, filter and fill many beverages including fruit juice, beer, wine and soda.



### Packaging

Cambridge has an extensive line of conveyor belts specially designed for packaging needs. Our products can be utilized for small to large packaging and processing.

## INDUSTRY TERMS

Balanced Weave	Woven mesh belt consisting of alternating right and left hand spirals joined by crimped or straight connecting rods to form a continuous belt.
Chain Driven	Positive drive belt construction that incorporates two or more rows of chain with woven spiral fabric that creates the carrying surface.
Curling	Term used to reference over-tensioned flex style belting's edge damage. Belts are tensioned to the point the edges need to flare upward for relief causing them to fray and snag the adjacent conveyors in production lines.
Duty Cycles	The number of times a spiral cage belt collapses and extends in one complete belt path.
FPM	Acronym used for Feet Per Minute
Friction Drive	Belting that is driven by a pulley system where the friction created between the pulley and belt causes the belt to move forward.
Galv.	(Galvanized) Material used where temperature, abrasion, or corrosion are a non-issue.
HCS	Acronym used for High Carbon Steel which is a material used for abrasive applications where corrosion will not be an issue.
Positive Drive	Belting that is driven by some type of engaged sprocket, which allows for more reliable performance than friction drive.
Spiral Cage	Specialized conveyor that utilizes a helical path to contain a large amount of belting in a small footprint; important for slow processes such as cooling, freezing, proofing, and drying.
Sprocket	A type of drive gear for positive drive belts where the teeth engage inside of the actual belt and/or chain.
Spring Tempered	A type of wire used in some metal belts with a very high yield strength. This allows it to return to its original shape for abusive applications. This is beneficial for product release where knife plates and stainless chutes are required.
Stainless Steel	A type of steel resistant to corrosion due to large amounts of nickel and chromium.
Tangential Tension	Term for the amount of force applied to the outside edge or load carrying point for turn belt and spiral cage systems.
Turn Ratio	This is relevant in turn and spiral cage systems and can be found by dividing the inside radius by the belt width (IR/BW).
UHMW	UHMW-Acronym for Ultra High Molecular Weight, a type of plastic utilized to make sprockets for positive drive metal belting.

## CAMBRIDGE TERMS

ContinuWeld®	This is a patented process used by Cambridge in the process for manufacturing filter leaves. The layers of cloth are stacked with the top cloth pulled tight and uniform across the leaf and then a continuous weld is applied to the entire perimeter for no leads or gaps and better product flow eliminating contamination.
Flat Seat®	Type of belt design that virtually eliminates initial belt stretch and camber due to the flattened, thin spiral which has no surplus wire to distort or elongate.
Machined Tooth Sprocket(MTS)	Precise cut sprockets that match Cambridge Precision belting that allows for no gap engagement due to the tooth shape matching that of the belt, between the belt and sprockets which creates the backbone of the Precision system.
NokLok™	The design of the pickets in DuraFlex and PacTitan belting that creates a proprietary form of perfect and interlocking with increases strength, durability, product stability, and reduced stretch.
TugTester	Unit designed to measure tangential tension by tier as belt cycles through the spiral cage system to identify peak operating conditions.
VSHT	Aerospace technology process (Vacumn Solution Heat Treat) utilized to make Cambridge's T316 Stainless Steel sprockets for Pactitan, PacLite, and Pactite belting.
WRSS	Wear Resistant Stainless Steel is manganese enhanced stainless which becomes harder as it is used, providing the strongest stainless steel available in metal belting.



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## Why Choose Rexnord?

When it comes to providing highly engineered products that improve productivity and efficiency for industrial applications worldwide, Rexnord is the most reliable in the industry. Commitment to customer satisfaction and superior value extend across every business function.

### Delivering Lowest Total Cost of Ownership

The highest quality products are designed to help prevent equipment downtime and increase productivity and dependable operation.

### Valuable Expertise

An extensive product offering is accompanied by global sales specialists, customer service and maintenance support teams, available anytime.

### Solutions to Enhance Ease of Doing Business

Commitment to operational excellence ensures the right products at the right place at the right time.

# REXNORD

## Rexnord Corporation

Rexnord is a growth-oriented, multi-platform industrial company with leading market shares and highly trusted brands that serve a diverse array of global end markets.

### Process & Motion Control

The Rexnord Process & Motion Control platform designs, manufactures, markets and services specified, highly engineered mechanical components used within complex systems where our customers' reliability requirements and the cost of failure or downtime are extremely high.

### Water Management

The Rexnord Water Management platform designs, procures, manufactures and markets products that provide and enhance water quality, safety, flow control and conservation.