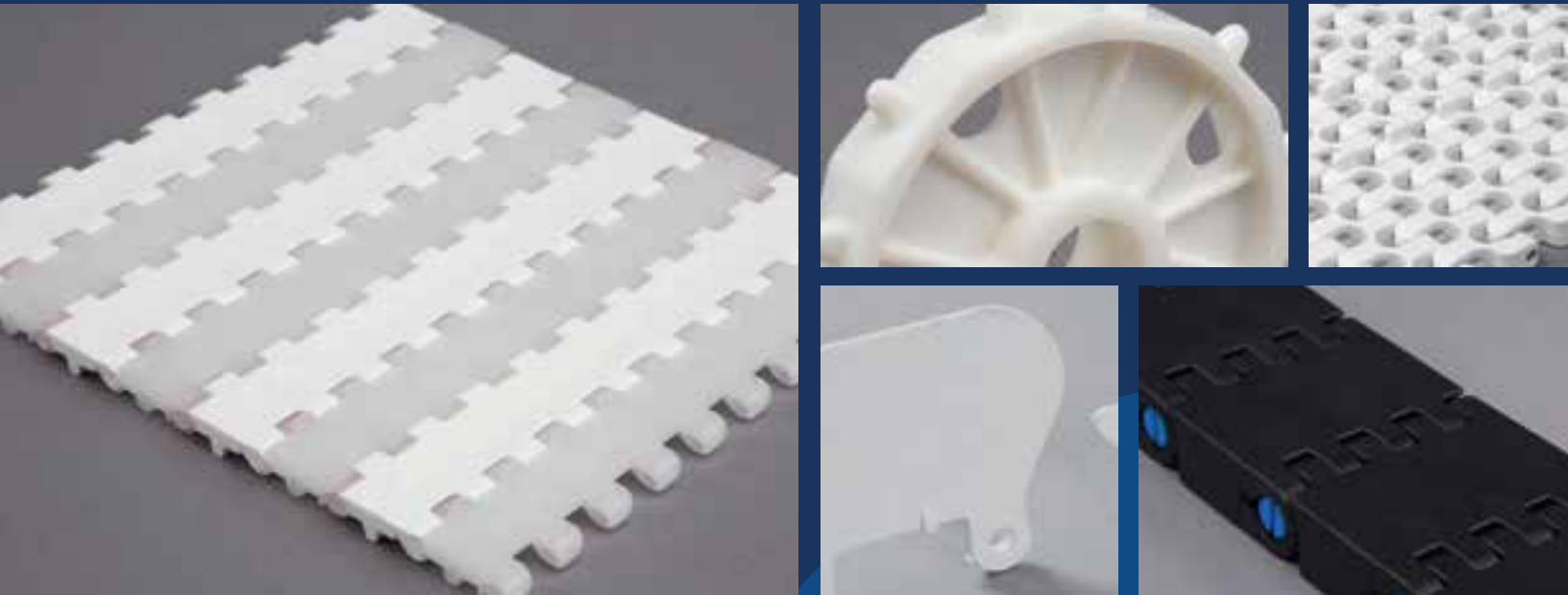


*DURA•LOCK*  
SCANBELT



PLASTIC MODULAR BELTING





# SPARKS BELTING COMPANY

## Modular Belts

FRUITS &  
VEGETABLES



AUTOMOTIVE



BAKERY



DAIRY



PASTA



MATERIAL &  
PACKING



BOTTLING &  
CANNING



MEAT &  
POULTRY



SEAFOOD



OTHER



## S.06

A true MICRO-PITCH with a 6.25 mm (0.25") pitch. Designed for light transport. It is able to go around a 6.25 mm (0.25") nose bar for very tight transfers. This series is assembled without rods.

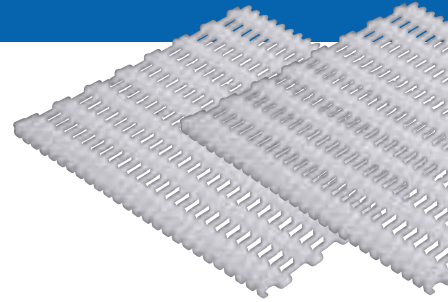
### S.06-401

### EASY TO CLEAN



06-401 Open flat top. For extremely small transfers. EASY TO CLEAN

- Smallest pitch in the market
- Runs on static nose bars down to 6.25 mm (0.25")
- Easy to clean
- Positively driven - no tracking issues
- No frayed belt edges



FOR TECHNICAL DETAILS PLEASE VISIT:  
[www.sparksbelting.com](http://www.sparksbelting.com)

### ACCESSORIES



## S.12

A true MINI-PITCH with a 12.5 mm (0.49") pitch. Designed for light transport. It is able to go around a 14 mm nose bar for very tight transfers. Placement of sprockets is flexible across the belt width, i.e. no risk of assembling or installation mistakes. The links are designed with open rod access and are very easy to clean. The belts can be delivered with flights and rubber top surface.

(0.55")

### S.12-401/406/408/408F/448

### EASY TO CLEAN



12-401 Very open with curved surface. Max airflow for cooling. EASY TO CLEAN.

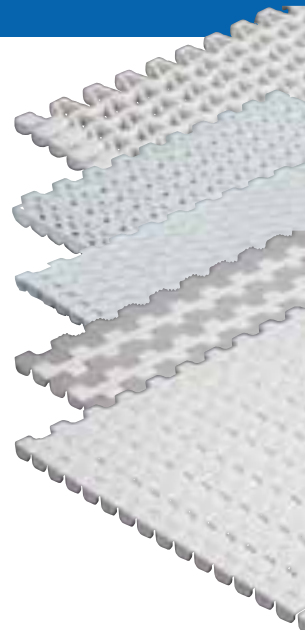


12-406 Open belt for light drainage. Light transport requiring drainage and small transfer. EASY TO CLEAN.



12-408 Flat top closed surface. Light transport. Small transfer. EASY TO CLEAN.

- Suitable for tight transfers and small pitch sprockets
- Runs on nose bars down to 14 mm (0.55")
- Easy to clean
- Cooling/freezing for bakery and shellfish industries, as well as dairy production



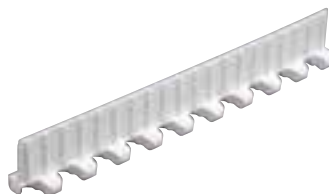
12-408F Closed friction top surface. Transport on slightly inclined conveyors. EASY TO CLEAN.



12-448 Closed top with an inverted diamond pattern. Proofing belt for raw dough. EASY TO CLEAN.

### ACCESSORIES

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[www.sparksbelting.com](http://www.sparksbelting.com)



## S.25

The S.25 is a range of 25 mm (0.98") pitch belts designed to solve all aspects of light to medium transport. The series consists of 17 belt types with distinct characteristics when it comes to open area and surface structure. Closed and open belts with smooth or structure surface. Raised ribs and rubber surface. Belts with excellent cleanability for meat and poultry industry. An effective drive system with side guiding and an excellent engagement in the belt. Fully bi-directional sprockets for reversible conveyors.

### S.25-100/600/700



25-100 Type of drain/filter belts. Very small openings.



25-600 Type of drain/filter belts. Very small openings.



25-700 Open drain belt with smooth surface. For cooling/freezing.

- Very even water flow and airflow for cooling and horizontal freezing through the belt
- Rounded ribs for very smooth sideward transfers
- Light products, such as snack foods and sweets, pasta industry for cooking and drying



### S.25-400/400F/402/411

#### EASY TO CLEAN



25-400 Open belt with smooth surface for cooling and drainage. EASY TO CLEAN.



25-400F Open friction top surface for packed goods on slight inclines. EASY TO CLEAN.

- The open 25 mm (0.98") pitch option for medium-heavy duty general purposes
- Dairy, Shellfish and Bakery industries
- Rubber top surfaces for handling of packed products on inclines
- Efficient sprocket engagement, due to its large contact surface between teeth and belt
- Comes with a variety of surfaces, including flat, net-like, curved, rubber top surfaces



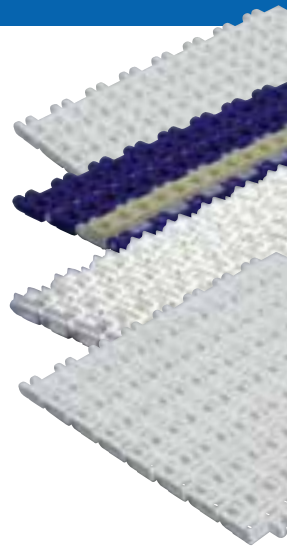
25-402 Raised ribs for minimum product contact. Air circulation under product. EASY TO CLEAN.



25-411 Open belt with curved surface For minimum product contact. EASY TO CLEAN.

#### ACCESSORIES

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## S.25

The S.25 is a range of 25 mm (0.98") pitch belts designed to solve all aspects of light to medium transport. The series consists of 17 belt types with distinct characteristics when it comes to open area and surface structure. Closed and open belts with smooth or structure surface. Raised ribs and rubber surface. Belts with excellent cleanability for meat and poultry industry. An effective drive system with side guiding and an excellent engagement in the belt. Fully bi-directional sprockets for reversible conveyors.

### S.25-406/408/413/418/420



25-406 Perforated surface from S-406 caption for draining of small products.



25-408 Flat top closed surface general light transportation.



25-412 Perforated surface longitudinal flights to "lift" products.



25-418 Closed top with a diamond pattern.

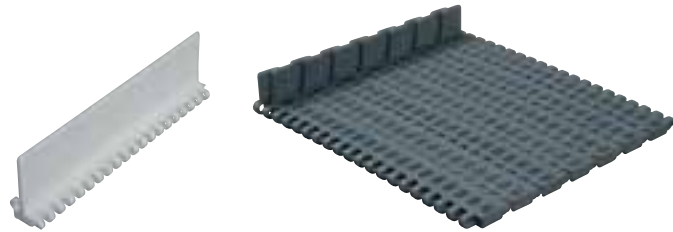


25-420 Raised rib surface. For small transfers in bottling and canning industry.

- The 25 mm (0.98") pitch closed top for medium-heavy duty purposes needing special surfaces
- Narrow draining opening for minimizing product waste (406), mini-flight top (412)
- Option of molded-in side guards in various heights (408 and 412)
- Raised ribs that limit the contact surface between the belt and the product (420)
- Bottling and canning industry, pasta and shellfish industry (cooking, blanching)

#### ACCESSORIES

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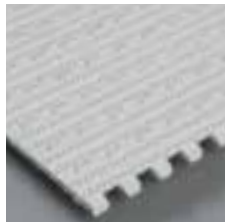


### S.25-800/806/808F/830/836

#### EASY TO CLEAN



25-800 Flat top closed surface. For general food applications. EASY TO CLEAN.



25-806 Perforated flat top surface. Food applications requiring light drainage. EASY TO CLEAN.



25-800F Closed friction top surface. Transport on slightly inclined conveyors. EASY TO CLEAN.

- The 25 mm (0.98") series for superior high degree of cleanability
- Even lines on the back side ensure uninterrupted flow of cleaning fluids
- Conical link design maximizes the access for cleaning around the hinge area
- Light to medium transport of smaller products in the red meat, poultry and fish industries
- Large variety of surfaces, including flat, perforated flat top and different cone top patterns



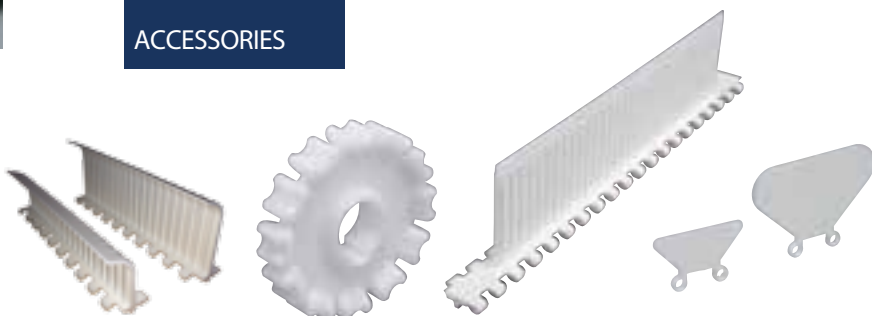
25-830 Closed cone top surface. For frozen products and positioning for small inclines. EASY TO CLEAN.



25-836 Perforated nub top surface for light drainage and minimum contact. For sweets/sticky products. EASY TO CLEAN.

#### ACCESSORIES

FOR TECHNICAL DETAILS PLEASE VISIT:  
[www.sparksbelting.com](http://www.sparksbelting.com)



# S.50

The S.50 series is a range of 50 mm (1.97") belts designed for medium to heavy transport. The series consists of 19 types of belts with different surface structures and openings. A complete range of easy to clean belts for high hygiene applications. Rubber surface and different nub top structures for good product engagement. Extensive number of accessories, such as flights, side guards, line modules and hold downs, etc. Effective sprocket systems with side guiding. Fully bi-directional sprockets for reversing belts. The series contains a vast span of pulling forces from light cooling belts to solid heavy duty belts for car and pallet handling.

## S.50-100/300

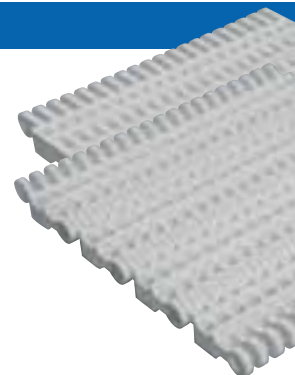


50-100 Open surface for drainage. Medium-heavy duty transport.



50-300 Light open grid surface for drainage. Lifts product and minimizes contact area.

- The open 50 mm (1.97") option for medium-heavy duty general purposes
- Fishing industry: all parts of the process from gutting and trimming to scaling and packing
- Fruit and vegetable industry, glass industry, car batteries
- Excellent sprocket engagement for added pulling force
- Smooth, drained surface for heavy transport



## S.50-401

### EASY TO CLEAN

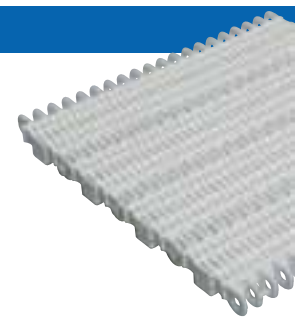


50-401 Very open surface. Max airflow for cooling/freezing.

- Largest open area of any straight running belt in the market
- Extremely even water flow and airflow for cooling/freezing
- Designed for IQF Freezers and freezing tunnels
- Small single openings in the design

### ACCESSORIES

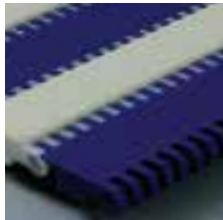
FOR TECHNICAL DETAILS PLEASE VISIT:  
[www.sparksbelt.com](http://www.sparksbelt.com)



## S.50-600/600F/602/606/608/610/630



50-600 Perforated flat top for light drainage.

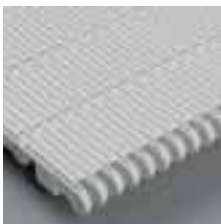


50-600F Closed friction top surface. Transport on slightly inclined conveyors.

- Large variety of surfaces and openings, including friction top and mini ribs, both across and along the running direction
- Excellent sprocket engagement for added pulling force
- Dairy production, snack foods, grain, fishing, fruit and vegetable industry

### ACCESSORIES

FOR TECHNICAL DETAILS PLEASE VISIT:  
[www.sparksbelt.com](http://www.sparksbelt.com)



50-602 Flat top with raised ribs. For handling sweets, vegetables and other small products.



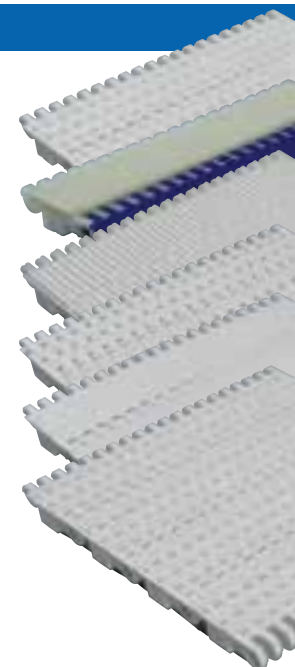
50-606 Perforated flat top surface for handling dairy products, vegetables, snack foods, etc.



50-608 Flat top closed surface. General transportation.



50-610/630 Staggered flight pattern top. Minimal contact.



## S.50

The S.50 series is a range of 50 mm (1.97") belts designed for medium to heavy transport. The series consists of 19 types of belts with different surface structures and openings. A complete range of easy to clean belts for high hygiene applications. Rubber surface and different nub top structures for good product engagement. Extensive number of accessories, such as flights, side guards, line modules and hold downs, etc. Effective sprocket systems with side guiding. Fully bi-directional sprockets for reversing belts. The series contains a vast span of pulling forces from light cooling belts to solid heavy duty belts for car and pallet handling.

### S.50-804/806/808/808F/830/838

### EASY TO CLEAN



50-801 Open surface for drainage. For fish industry and other applications requiring drainage. EASY TO CLEAN.



50-806 Perforated flat top surface. Food applications requiring drainage. EASY TO CLEAN.



50-808 Flat top closed surface. Food applications. EASY TO CLEAN.



50-808F Closed friction top surface. Transport on slightly inclined conveyors. EASY TO CLEAN.



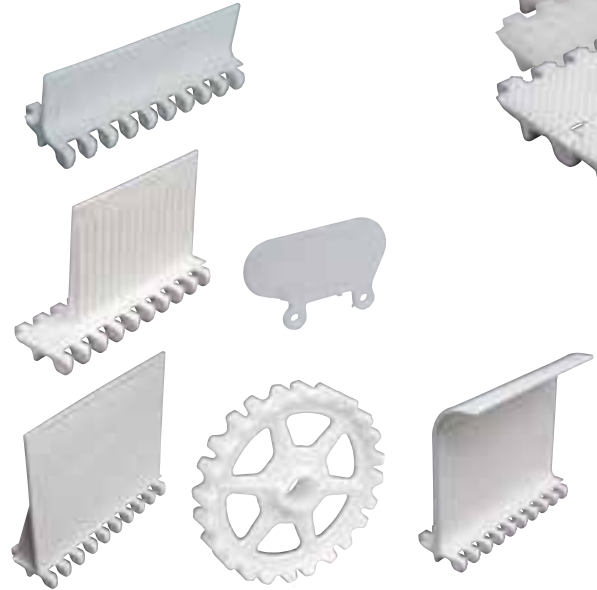
50-830 Closed nub top surface. Food applications. EASY TO CLEAN.



50-838 Closed nub top surface for minimum contact. For sweets and sticky products. EASY TO CLEAN.

### ACCESSORIES

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- 50 mm (1.97") Easy to clean series for superior high degree of cleanability
- Even lines on the back side ensure uninterrupted flow of cleaning fluids
- Conical link design maximizes the access for cleaning around the hinge area
- Red meat, poultry and fishing industries
- Variety of surfaces: flat, perforated flat top and different nub top patterns

### S.50/906/908/930/938



50-906 Perforated flat top surface. Heavy duty transport requiring drainage, i.e. water test lines.



50-908 Flat top closed surface. Heavy duty transport. Car and people movers.



50-930 Perforated flat top surface with staggered raised rib pattern. Heavy duty transport requiring drainage.



50-938 Flat top closed surface with non-skid pattern. Heavy duty transport. People movers.

- Strongest 50 mm (1.97") belt in the global market
- Designed for heavy duty automotive applications, pallet handling, wood and furniture industries
- Special 80 mm (3.15") molded-to-width skid belt for transporting car bodies
- Variety of surfaces and openings: flat, perforated flat top; both with and without non-skid patterns

### ACCESSORIES

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[www.sparksbelting.com](http://www.sparksbelting.com)





# S.75

The S.75 series is a range of 75 mm (2.95") belts designed for super-heavy transport. The series consists of 2 types of belts with different surface structures. Accessories include comb flights and side guards. Effective sprocket systems with side guiding. Fully bi-directional sprockets for reversing belts. The high pulling force in the series makes it ideal for car and pallet handling.

## S.75-908/S.75-938



75-908 Flat top closed surface. Super-heavy duty transport. Car and people movers.

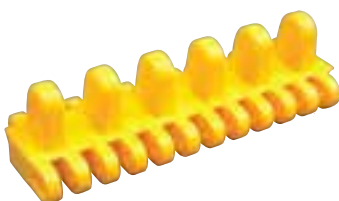


75-938 Flat top closed surface with non-skid pattern. Super-heavy duty transport. Car and people movers.

- Strongest modular belt in the global market
- Designed for heavy-duty applications
- Molded-to-width skid belt for moving car bodies
- Variety of surfaces both with and without non-skid patterns

## ACCESSORIES

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[www.sparksbelting.com](http://www.sparksbelting.com)



# RADIUS BELTS

Belts suitable for both J-curves and S-curves are available. The 25 mm (0.98") range has a market-low collapse factor (from 1.5 x belt width) without compromising the pulling force and product placement. Side guards, line separators, friction top and hold-downs/hooks are all available in this range. The 50 mm (1.97") series is widely used in heavy duty spirals. The reinforced outer links gives a very high pulling force without any steel-to-steel contact.

## S.100R/S.101/S.101TAB/J.101/S.101Track



S.100R Open radius belt with heavy outer links on both sides. Steel reinforcements or molded-in side guards can be supplied.



S.101 Open radius belt with a very low collapse factor. Can run in S- and J-curves for spiral coolers/freezers.



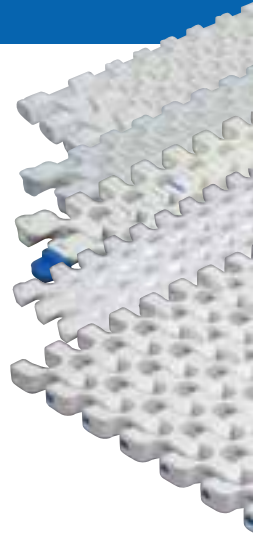
S.101TAB Open radius belt with a very low collapse factor. Can run in S- and J-curves for normal radius applications.



J.101 Open radius belt with a very low collapse factor. Can run in J-curves only for spiral coolers/freezers as well as normal radius applications.



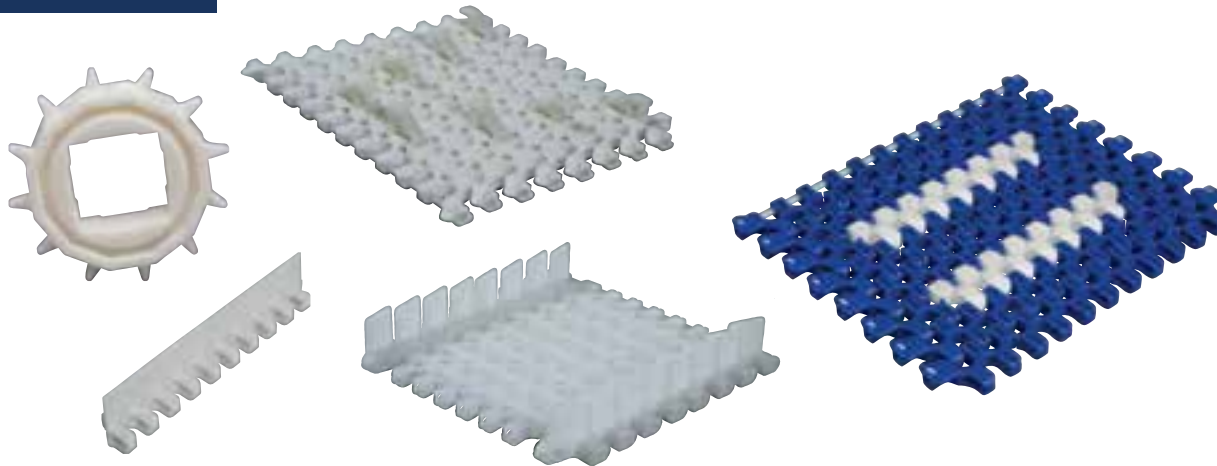
S.101Track Open radius belt with a very low collapse factor. Comes with integrated tracks underneath for easy guiding. Ideal for trays, boxes in the food industry.



## ACCESSORIES

FOR TECHNICAL DETAILS PLEASE VISIT:  
[www.sparksbelting.com](http://www.sparksbelting.com)

- Collapse factor starting from 1.5 x belt width
- Designed for spiral coolers/freezers
- Both S-curves and J-curves
- Varied accessories, such as high friction, side guards and steel reinforcements



## S.201/S.201Hook/J-450



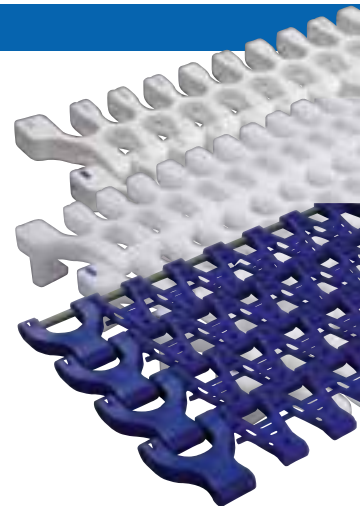
S.201 Open radius belt with a very low collapse factor. Can run in S- and J-curves for spiral coolers/freezers as well as normal radius applications.



S.201Hook Open radius belt with a very low collapse factor. Can run in S- and J-curves for spiral coolers/freezers as well as normal radius applications.



J-450 Very open radius belt with heavy duty outer link. For longer spirals. Runs in J-curves only.



## ACCESSORIES

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## STANDARD MATERIALS

All belts from Sparks Belting Company are available in the traditional materials; Polyethylene (PE), Polypropylene (PP) and Polyacetal (POM). All standard materials are FDA approved for direct food contact.

**Polyethylene** can handle operational temperatures down to -100°F which makes it suitable for installations in cold areas. It is also ideal for applications which require a flexible belt material with superior impact strength.

**Polypropylene** can handle operational temperatures up to +212°F. It is a harder material with good pulling force. It is suitable for installations in high temperature areas. It has excellent chemical resistance towards aggressive cleaning chemicals.

**Polyacetal** is a strong all-around material with a working temperature from -45°F to +200°F. This material has superior pulling force and a hard surface which gives reduced friction to both the support and the product. However, its density results in lower impact resistance. It should be used with caution in installations that use cleaning agents containing acid and/or chlorine.



## SPECIAL MATERIALS

In order to solve tasks out of the ordinary, we are able to deliver a variety of special materials as well as additives.

### High Temperature Areas

For cookers, steamers and air dryers, a temperature stabilized polypropylene material which is not affected by a constant high temperature can be used.

For blanchers and pasteurizers where the belt's thermal expansion may be an issue, we offer belts in COMPOSITE MATERIAL. This reduces the thermal expansion coefficient by approximately 75% from normal polypropylene material. It also has an excellent chemical resistance and will help dissipate static charges that might build up in certain applications.

For more general applications in high temperature areas, we recommend various nylon types with a range up to 302°F. This features a good combination of strong pulling force and high impact strength.

### Reinforced Materials

In areas with distinct necessity for added pulling force, we can supply either fiber or mineral reinforced materials. These will significantly improve the pulling force; however, will lower the impact strength.

### Electrical Conductivity

Most material can be delivered as electrically conductive or antistatic. The electrical conductivity can be varied to suit your requirements.

### Non-Stick

There is often a need for non-stick effect, particularly for freezing applications, where it is necessary to avoid the products sticking to the belt surface. For this purpose, we deliver Polyethylene in a non-stick version.

### Detectable Polypropylene

The material is highly relevant in food applications where there is a risk of contamination. The compound is designed to be detected by metal detectors and X-ray machines. Sensitivity degrees may vary with customer equipment. The material complies with FDA regulations for use in food processing and packaging.

### Flame Retardant Materials

For use in fire hazardous areas, we can supply V-0 rated materials that will not sustain a flame or burn actively. The material is FDA approved for direct food contact.



# Installation Services

Sparks has a true nationwide footprint that allows us to call on and service any customer in the continuous 48 states. With 75 years in business, we make commitments to our clients like few others in the industry. Bottom line is—

**When you need us, we are there.**



*DURA•LOCK*  
SCANBELT

## Contact us!

[www.sparksbelting.com](http://www.sparksbelting.com)  
[customerservice@sparksbelting.com](mailto:customerservice@sparksbelting.com)  
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