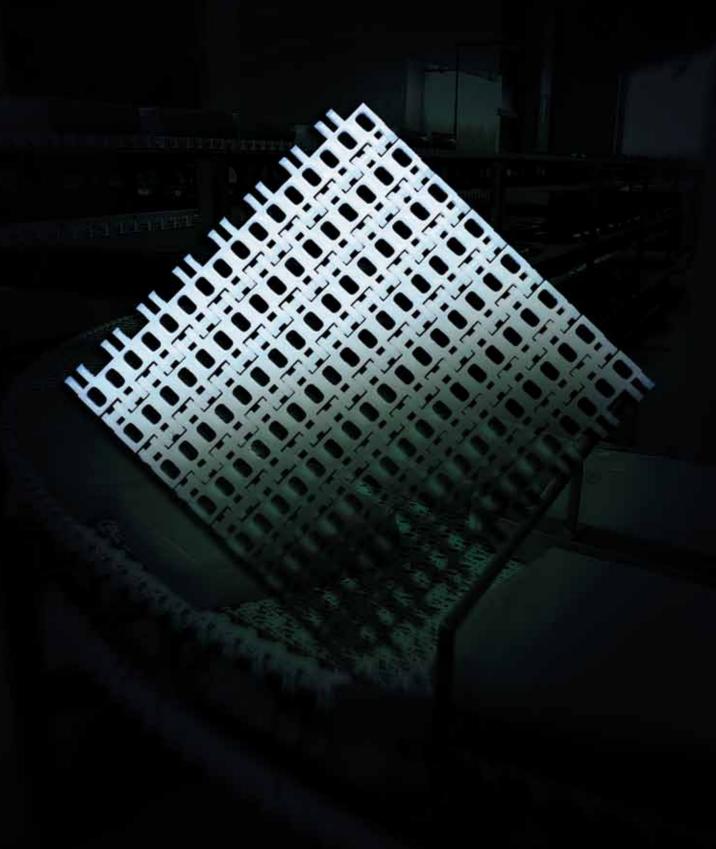
MODULAR BELTS



SCANBELT ...keeping industry moving...

Standard Materials

All belts from ScanBelt are naturally 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 +73° C and is thus suitable for installations in cold areas. It will also be ideal for applications that require a flexible belt material with superior impact strength.

Polypropylene can handle operational temperatures up to 100° C. It is a harder material with a good pulling force. It is suitable for installations in high range temperature areas as well as boilers and dryers to a certain degree. It has excellent chemical resistance towards aggressive cleaning chemicals etc.

Polyacetal is a strong all-round material with a working temperature from ÷43° to +95°. This material has great pulling force and a hard surface, which gives a reduced friction to both the support and the product. It is sensitive to blows or knocks due to low impact strength. Suitable for bottling and canning industry. 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 etc. it will be an advantage to use a temperature stabilised polypropylene material that is not affected by a constant high temperature.

For blanchers and pasteurizers etc., where the belt's thermal expansion may be an issue, we supply belts in **COMPOSITE MATERIAL**. This reduces the thermal expansion coefficient by approx. 75% from normal polypropylene. It furthermore 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 of up to $+150^{\circ}$. This will give a great combination of pulling force and high impact strength.

Reinforced Materials

In areas with distinct necessity for added pulling force, we can supply either fibre or mineral reinforced materials. These will significantly improve the pulling force, but at the same time lower the impact strength.

Electrical Conductivity

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

Non-stick

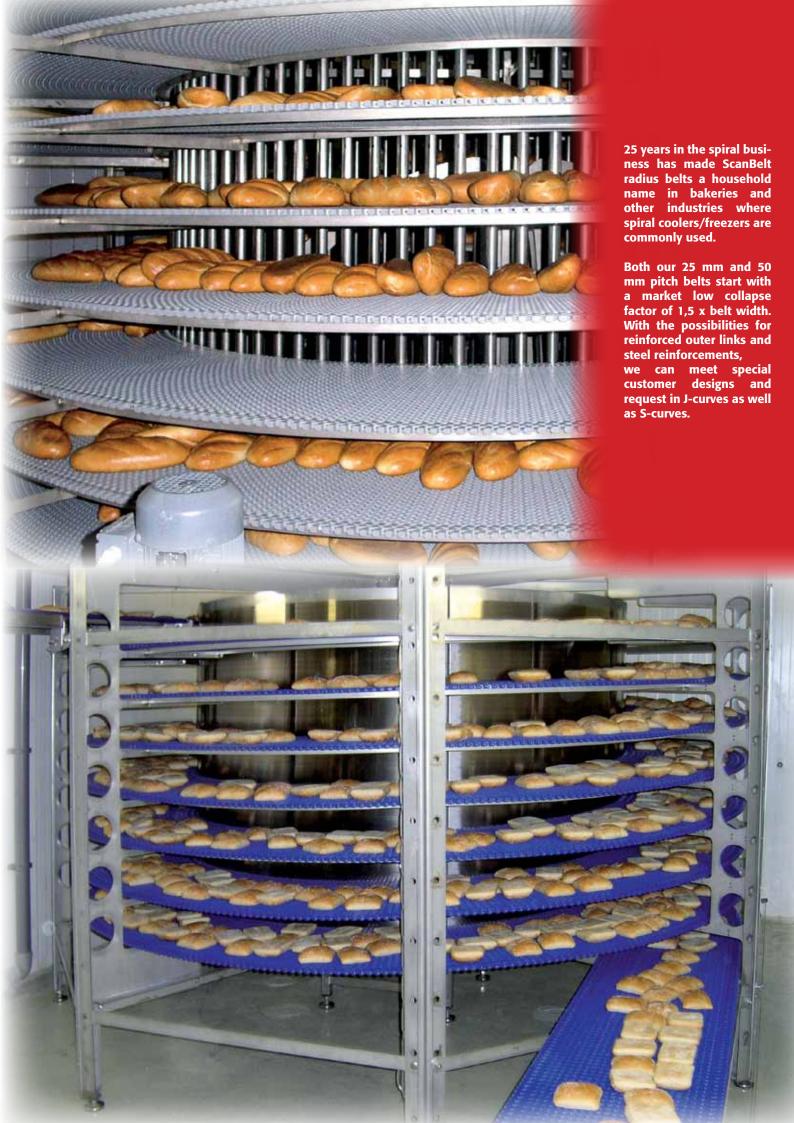
There is often a need for "non-stick" effect particularly for freezing applications, where it is necessary to avoid the products sticking to the belt surface. For this purpose we deliver polyethylene in a non-stick version.

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. Sensibility degrees may vary with customer's 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-O rated materials that will not sustain a flame or burn actively. The material is FDA approved for direct food contact.









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

EASY TO CLEAN

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FOR TECHNICAL DETAILS PLEASE VISIT: WWW.SCANBELT.COM



S.12

A true MINIPITCH with a 12,5mm 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 consequently very easy to clean. The belts can be delivered with flights and rubber top surface.

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



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



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



ACCESSORIES

12-408 Flat top closed surface. Light transport. E/ N Small transfer.

- Smallest pitch in the market and therefore able to obtain very small transfers - Runs on nose bars down to 14 mm
- Easy to clean
- Bakery and shellfish industry for cooling/ freezing, dairy production



12-408F Closed friction top Transport on slightly inclined conveyors.



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

FOR TECHNICAL DETAILS PLEASE VISIT: WWW.SCANBELT.COM

ACCESSORIES

The S.25 is a range of 25 mm 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 very good cleanability for meat and poultry industry. An effective drive system with side guiding and an excellent grip in the belt. Fully bi-directional sprockets for reversible conveyors.

> - The open 25 mm pitch alternative for medium-heavy duty general purposes.
> - Dairy industry, shellfish, bakery sector. 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.

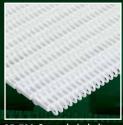
S.25-100/600/700



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



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

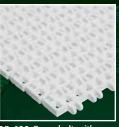


25-700 Open drain belt with smooth surface. For cooling/freezing.

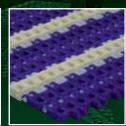
- Very even water flow and airflow for cooling and
- horizontal freezing through the belt. - Rounded ribs for very smooth sideward transfers.
- Light products, such as snack foods and sweets, pasta industry for cooking and drying.

EASY TO CLEAN

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



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



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



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. TO CLEAN

ACCESSORIES

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The S.25 is a range of 25 mm 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 very good cleanability for meat and poultry industry. An effective drive system with side guiding and an excellent grip in the belt. Fully bi-directional sprockets for reversible conveyors.

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



25-406 Perforated surface with 1 mm opening for draining of small products.



25-408 Flat top closed surface general light transportation.



25-413 Perforated surface with 1 mm opening. 1,2 mm longitudinal flights to "lift" products.

- The 25 mm pitch closed top alternative for medium-heavy duty purposes needing special surfaces.
- Narrow draining opening for minimizing
- product waste (406), mini-flight top (412). Option of moulded-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).



25-418 Closed top with an diamond pattern.



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

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ACCESSORIES



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



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



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



25-808F Closed friction top surface. **EASY TO CLEAN.** Transport on slightly inclined conveyors.

EASY TO CLEAN

- The 25 mm "EASY TO CLEAN" series for super 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 industry
- Large variety of surfaces, including flat, perforated flat top and different cone top patterns



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



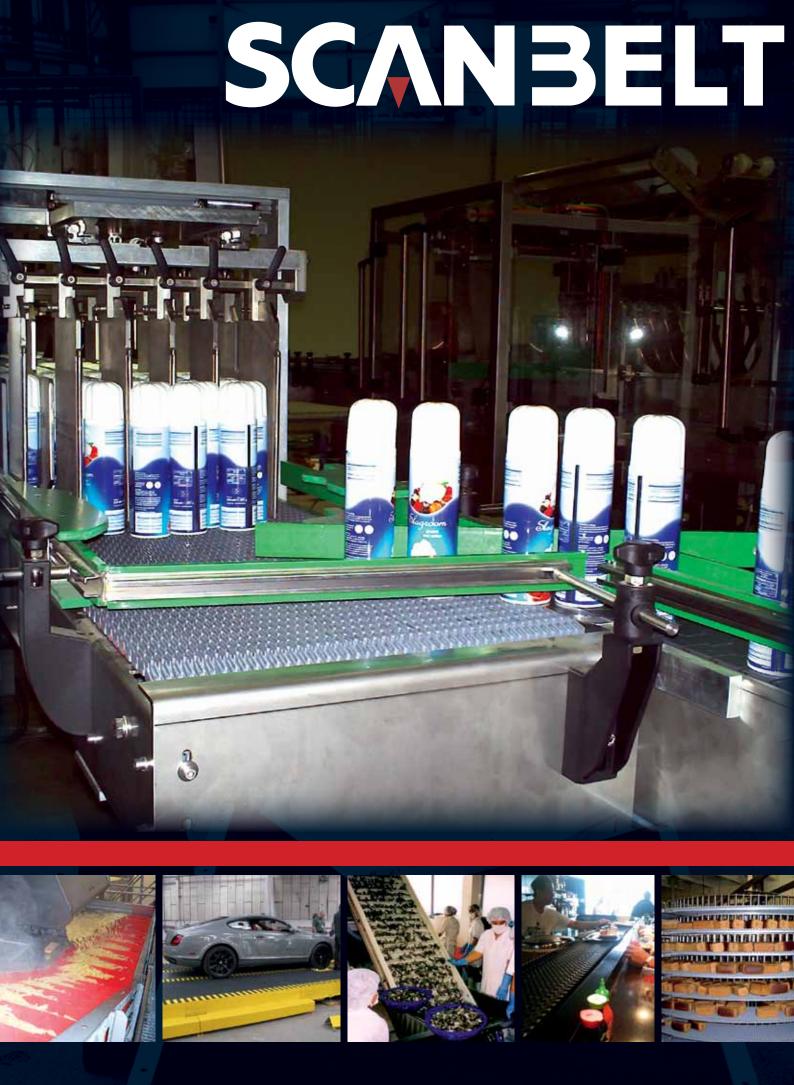
25-836 Perforated nub top surface for light drainage and minimum contact.

EASY TO CLEAN for sweets/ sticky products.

ACCESSORIES

FOR TECHNICAL DETAILS PLEASE VISIT: WWW.SCANBELT.COM

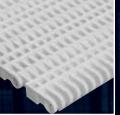






The S.50 series is a range of 50 mm belts designed for medium to heavy transport. The series consists of 19 types of belts with different surface structures and openings. A complete range of easy to clean belts for high hygiene applications. Rubber surface and different nub top structures for good product grip. 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

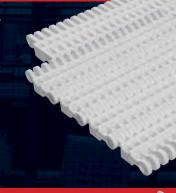


50-100 Open surface for drainage. Medium-heavy duty transport in general.



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

- The open 50 mm alternative 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



- Extremely even water flow and airflow for cooling/freezing.
- Designed for IQF Freezers and freezing tunnels.
- Small single openings in the design.



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

ACCESSORIES

FOR TECHNICAL DETAILS PLEASE VISIT:



EASY TO CLEAN

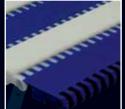
S.50-600/600F/602/606/608/610/630



50-600 Perforated flat top for light drainage.



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



50-602 Flat top with 3 mm ribs. For handling sweets, vegetables and other small products.

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

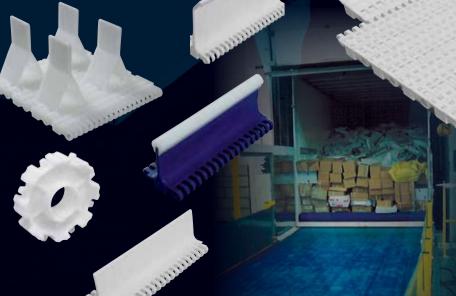


50-608 Flat top closed surface. General transportation.



50-610/630 1 mm/3 mm staggered flight pattern top. Minimal contact.





The S.50 series is a range of 50 mm 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 grip. 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



50-804 Open surface for drainage. **EASY TO CLEAN** for fish industry and other applications requiring drainage.



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



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



EASY TO CLEAN

FOR TECHNICAL DETAILS PLEASE VISIT: WWW.SCANBELT.COM



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



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



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



- Even lines on the back side ensure uninterrupted flow of cleaning fluids.
- Conical link design maximizes the access for cleaning around the hinge area
- Read meat, poultry and fishing industry: trimming, cutting and boning lines
- 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.



- Designed for heavy duty automotive applications, pallet handling,
- wood and furniture industry.

 Special 80 mm moulded-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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50-930 Perforated flat top surface with 3 mm staggered flight pattern. Heavy duty transport requiring drainage.



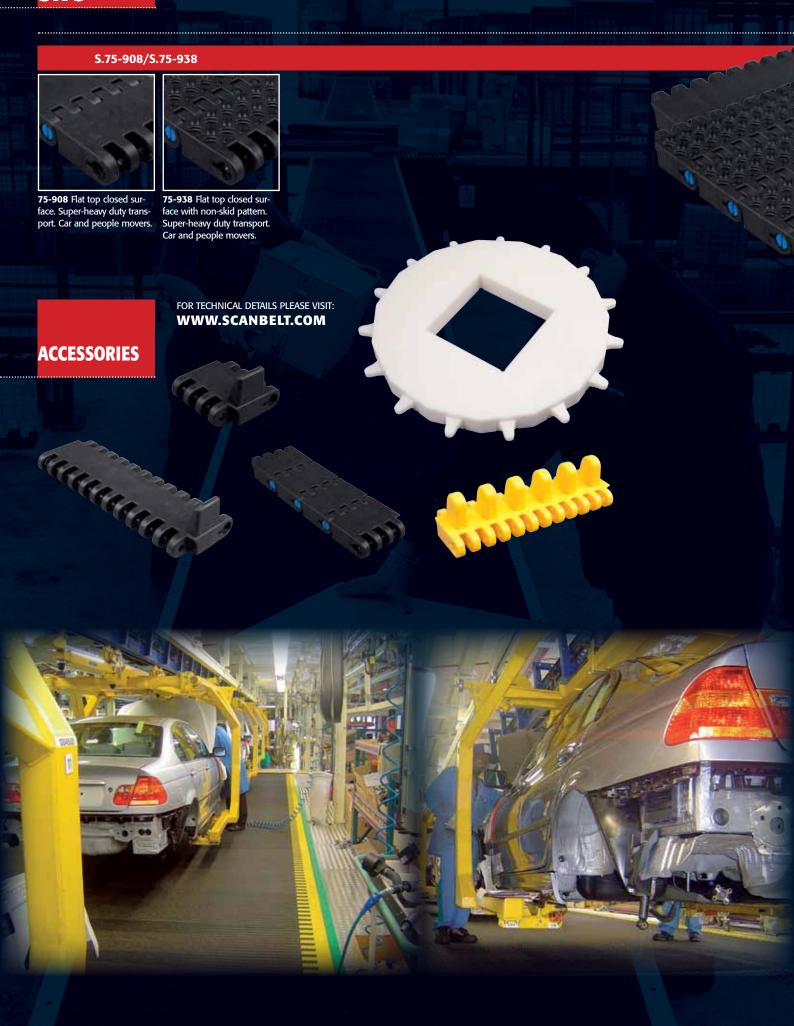
50-938 Flat top closed surface with non-skid pattern. Heavy duty transport. People movers.





S.75

The S.75 series is a range of 75 mm 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.



RADIUS BELTS

25 years in spiral and radius belt business has resulted in a range of 25 and 50 mm pitch belts going in curves. Belts suitable for both J-curves and S-curves are available. The 25 mm range has a market low collapse factor (from 1,5:1 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 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 moulded-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.SCANBELT.COM**

Collapse factor starting from 1,5 x belt width
Designed for spiral coolers/freezers.

- References dating back to 1988 for ScanBelt radius belts.
- 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.

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ACCESSORIES



Туре							Nominal pitch	Belt surface	Open Area
	Bakery	Fish	Bottle/can	Meat/poultry	Light Duty	Heavy Duty	piteri		%
06-401	х	х			х		6,25 mm	Open, smooth	40%
12-401	х	х			х		12,5 mm	Open, smooth	40%
12-406	х	х	х		х		12,5 mm	Perforated flat top	8%
12-408	х	х	х		х		12,5 mm	Closed flat top	Closed
12-408F	х	х			х		12,5 mm	Friction surface	Closed
12.448	х				х		12,5 mm	Closed with inverted diamant	Closed
25-100/600	х	х	x		х		25 mm	Open smooth	16-20%
25-700	х	х					25 mm	Open, smooth	27%
25-400	х	х		х	х		25 mm	Open, smooth	29%
25-400F	х	х	x	х	х		25 mm	Friction surface	29%
25-402		x			х		25 mm	Raised ribs, drained	29%
25-406	х	x			x		25 mm	Perforated flat top	13%
25-408	x	x	x		x		25 mm	Closed flat top	closed
25-411	x	x		x	x		25 mm	Open net, curved surface	26%
25-413	x	x		x	x		25 mm	Open net with 1,2 mm flights	13%
25-418	x	x			x	x	25 mm	Closed	Closed
25-420	^	^	x		x	x	25 mm	Raised ribs, drained	14%
25-800	х	x		x	x	^	25 mm	Closed flat top	Closed
25-806	x	x	x	x	x		25 mm	Perforated flat top	17%
25-808F	^		<u> </u>		^		25 mm	Friction surface	Closed
25-830		x		x	х		25 mm	Structure with 3 mm cones	Closed
25-836		^		^	x		25 mm	Perforated flat top with 3 mm cones	Closed
50-100	х	x	x		^	X	50 mm	Open, smooth	27%
50-300	^	x	^			x	50 mm	Open grid surface	27%
50-401	х	x	х	x	х	x	50 mm	Open, smooth	61%
			, x	X	X		50 mm	Perforated flat top	9%
50-600 50-600F	х	x x	x	x		X X	50 mm	Closed friction surface	Closed
50-602		^	^	^		x	50 mm	Closed flat top with 3 mm ribs	Closed
50-606	х	x				x	50 mm	Perforated flat top	10%
50-608	x	x				x	50 mm	Closed flat top	Closed
50-610/630	x	^				x	50 mm	Perforated flat top w. 1/3 mm flights	9%
50-804	^	x		x		x	50 mm	Perforated flat top	24%
50-806		x	x	x		x	50 mm	Open, smooth	20%
50-808	х	x	x	x		x	50 mm	Closed flat top	Closed
50-808F		x		x		x	25 mm	Friction surface	Closed
50-830		x		x		x	50 mm	Structure with 3 mm nubs	Closed
50-838		x			х	x	50 mm	Structure with 3 mm cones	Closed
50-906		,				x	50 mm	Perforated flat top	13%
50-908						x	50 mm	Closed	Closed
50-930						x	50 mm	Open with 3 mm non skid pattern	13%
50-938						x	50 mm	Closed with 3 mm non skid pattern	Closed
75-908						x	75 mm	Closed	Closed
75-938						x	75 mm	Closed with 3 mm non skid pattern	Closed
5.100R	х	x	x	x	х		25 mm	Open, smooth	52%
S.100K	x	x	x	x	x		25 mm	Open, smooth	52%
S.101TAB	x	x	x	x	x		25 mm	Open, smooth	52%
J.101	x	x	x	x	^	x	25 mm	Open, smooth	52%
S.101Track	x	x	^	^	х	^	25 mm	Open, smooth	52%
S.201	x	x	х	x	^	x	50 mm	Open, smooth	47%
5.201 S.201Hook	x	x	x	x		X	50 mm	Open, smooth	47%
		^	^	^				Open, smooth	
J-450	Х					Х	50 mm	Open, smooth	67%

Open Area	Accessories	Belt Pull			Weight per m²			FDA Approval	USDA Accepted
mm		PE	PP	РОМ	PE	PP	РОМ		
4x8	n/a	n/a	n/a	min 250	n/a	n/a	2,8	х	х
6x8	Flights	600	800	1450	3.5	3.5	5	х	х
4x2,5	Flights	600	800	1450	4.5	4.5	6	х	х
Closed	Flights	600	800	1450	4.5	4.5	6	х	х
Closed	Flights	750			6	n/a	n/a	х	х
Closed	Flights	600	800	1450	4.5	4.5	6	х	х
1,5x3 / 3x3	Flights, side guards	540	740	1250	4.5	4.5	6	х	
3x12	Flights, side guards	540	740	1250	4.5	4.5	6	х	
6x10	Flights, side guards	630	1060	1500	5	5	7	х	х
6x10	Flights, side guards	630	n/a	n/a	7	n/a	n/a	х	х
6x10	Flights, side guards	700	1120	1500	6	6	7.5	х	х
1x6	Flights, side guards	900	1250	2400	6	6	8	х	
closed	Flights, side guards	900	1250	2400	6	6	8.5	х	
3x6	Flights, side guards	630	1060	1620	6	6	7.5	х	х
1x6	Flights, side guards	900	1250	2400	6	6	9	х	х
Closed	Flights, side guards	900	1250	2400	6	6	8.5	х	
10x2	Finger transf. plates	900	1250	2400	8	8	11	х	
Closed	Flights, side guards	550	650	1050	5	5	7.5	х	х
2x5	Flights, side guards	550	650	1050	5	5	6.5	х	х
Closed	Flights, side guards	600	n/a	n/a	7	n/a	n/a	X	х
Closed	Flights, side guards	550	650	1050	5.5	5.5	8	X	х
Closed	Flights, side guards	550	650	1050	5.5	5.5	8	X	х
5x9	Flights, side guards	1840	2795	4200	8	8	12	х	
5x9	Flights, side guards	1740	2300	3450	7	7	10	X	
3,5x11	Flights, side guards	1230	1600	2850	6	6	8	x	х
1x6	Flights, side guards	1790	2400	3600	7	7	10	x	х
Closed	Flights, side guards	1790	n/a	n/a	9	n/a	n/a	X	X
Closed	Flights, side guards	1790	2400	3600	8	8	11	X	x
1x6	Flights, side guards	1790	2400	3600	7	7	11	x	x
Closed	Flights, side guards	1790	2400	3600	7	7	11	X	х
1x6	Flights, side guards	1790	2400	3600	7	7	11	x	х
10x12	Flights, side guards	1200	1400	2060	7	7	10	X	x
2,5x11	Flights, side guards	1200	1400	2060	7	7	10	x	x
Closed	Flights, side guards	1200	1400	2060	8	8	12	x	x
Closed	Flights, side guards	600	n/a	n/a	7	n/a	n/a	x	x
Closed	Flights, side guards	1200	1400	2060	8	8	12	x	x
Closed	Flights, side guards	1200	1400	10250	8	8	12	x	x
7x11	Flights, side guards	4800	6000	10250	13	13	19	x	^
Closed	Flights, side guards	4800	6000	10250	13	14	21	x	
7x11	Flights, side guards	4800	6000	10250	13	14	21	X	
Closed	Flights, side guards	4800	6000	10250	14	14	21	X	
Closed	Flights, side guards	n/a	n/a	15000	n/a	n/a	33	X	
Closed	Flights, side guards	n/a	n/a	15000	n/a	n/a	33	X	
Ciosed	Flights, side guards	n/a	Max 90 (100)	Max 120 (150)	n/a	4.5 (10)	7 (12)	X	х
	Flights	n/a	Max 90 (100)	Max 120 (150)	n/a	4.5 (10)	7 (12)	x	
	Flights, side guards	n/a	Max 90	Max 120	n/a	4.5	7		X
	Flights, side guards Flights		Max 160	Max 120		4.5	7	X	X
		n/a	Max 70		n/a			X	X
	Flights	n/a		Max 105	n/a	4.5	7	X	X
	n/a	n/a	Max 205	Max 305	n/a	6	8	X	X
	n/a	n/a	Max 205	Max 305	n/a	6	8	X	X
	Side guards	n/a	Max 200	Max 450	n/a	7.5	7	Х	х



SCANBELT ...keeping industry moving...

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