



SCANBELT
...makes the world go around...

Læsøvej 12 . DK-9800 Hjørring
Tlf. +45 98 90 90 88 . Fax +45 98 90 96 06
www.scanbelt.com . mail@scanbelt.com

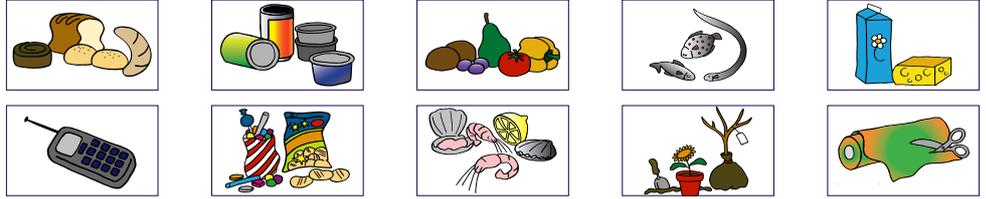
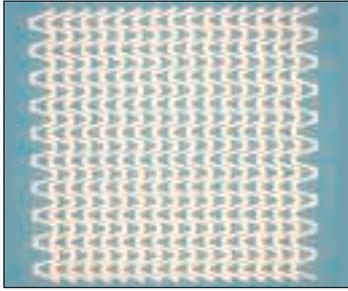
38 MODULAR BELTS



SCANBELT
...makes the world go around...

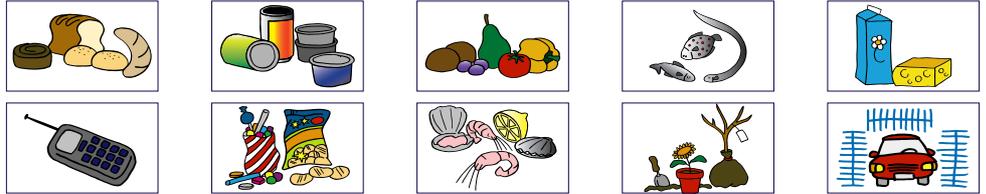
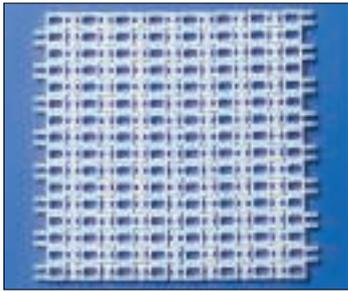
BELT DESCRIPTIONS

Transport S.12



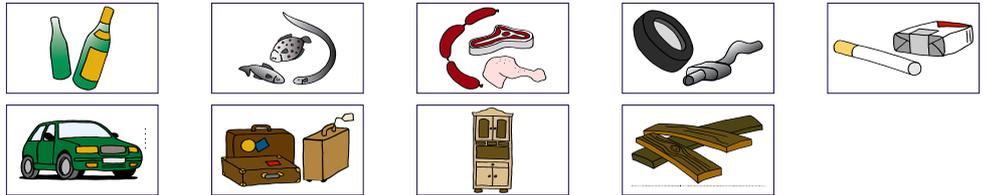
The S.12 "Minipitch" is now available. The module size for this Minipitch belt is 12,5 mm. To begin with, we have concentrated on a very open version of the Minipitch belt. This has already proven very applicable in the bakery industry. Currently, there is only 1 belt available in this range. This is an open belt with a slightly curved surface.

Transport S.25



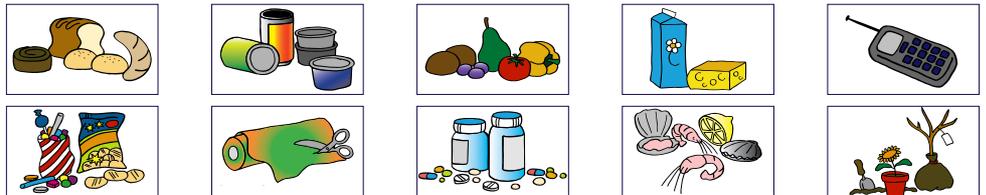
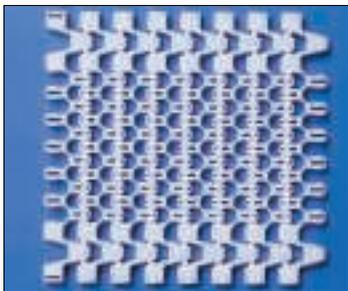
The S.25 range of belt series is suitable for transportation of light products. The module size is 25 mm and the belts are available in widths from 50 mm to 4000 mm. Currently, there are 18 types of belts in this range including various open and closed module designs and two-component and structure surfaces. Accessories, such as varying height side guards and straight and bent flights including round top flights are available in this range.

Transport S.50



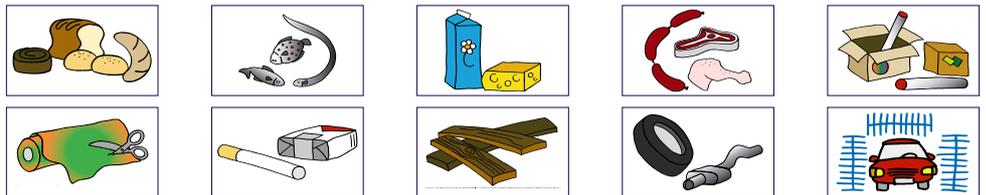
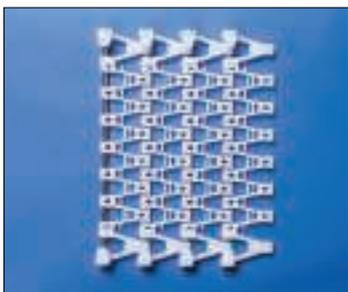
The S.50 range of belt series is suitable for transportation of light products. The module size is 50 mm and the belts are available in widths from 50 mm to 4000 mm. Currently, there are 16 types of belts in this range including various open and closed module designs and two-component and structure surfaces. Accessories, such as varying height side guards and bent and straight flights including round top are available in this range.

Transport S.100



ScanBelt has solved the problem of transporting light products on radius conveyors with the inner radius from 1:1.5 x belt width, by introducing this new modular constructed radius belt. The module size for this series is 25 mm. The belt's design ensures that the products being carried remain stable through the curves. The belt runs in both S and J radius conveyors.

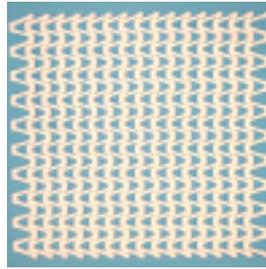
Transport S.250



The S.250, which has a module size of 50 mm, is a modular constructed belt. The belt is ideal for transporting heavy products. It is the ideal solution in cooling/freezing spirals, since the weight per m² is very low. The belts in this series run in both S and J curves. The belt's design ensures that the products being carried remain stable through the curves. The belt pull is significantly increased when fitted with steel reinforcements, but can then only turn in one direction.

BELTS S.25

S.12-400

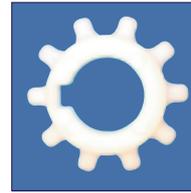


Belt pull PE 310 PP 420 POM 700
Open Area 40%
Approval FDA
Width interval 10 mm

EASY TO CLEAN

Applications: The belt is an open belt with a slightly curved surface. This makes it very applicable as a cooling belt. It can run on very small nose bars down to 14 mm. It has already proven itself as the ideal solution for the bakery industry.

ACCESSORIES



Sprockets for S.12-400 are available with 10-19-24 and 28 teeth, with both round and square bore.

BELTS S.25

S.25-100-600-700



Belt pull PE 540 PP 740 POM 1250
Open Area 100= 3x3mm/20% 600= 1,5x3mm/16% 700= 3x12mm/27%
Approval FDA
Width interval 6 mm

Applications: The belt has a smooth surface, which makes it the ideal choice for sweets, dairy, snacks and seafood industry.

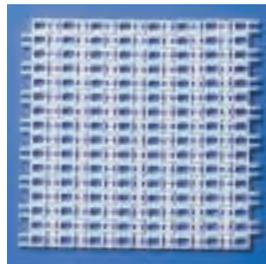
S.25-200



Belt pull PE 540 PP 740 POM 1250
Open Area 3 x 12 mm / 27%
Approval FDA
Width interval 12 mm

Applications: The belt has raised ribs for the use of finger transfer plates, which makes it the ideal choice for bottling, canning and other industries.

S.25-400

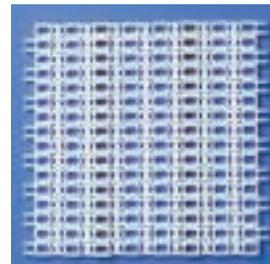


Belt pull PE 630 PP 1060 POM 1500
Open Area 6 x 10 mm / 29%
Approval USDA
Width interval 12,5 mm

EASY TO CLEAN

Applications: The belt is open with a smooth surface, which makes it the ideal choice for seafood, red meat, vegetables, spring rolls, and bakery. It can even be used as a cooling/freezing belt.

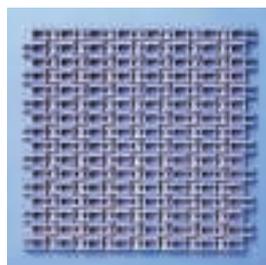
S.25-400F/Two component



Belt pull PE 630 PP 1060
Open Area 6 x 10 mm / 29%
Approval USDA
Width interval 12,5 mm

Applications: The belt has a friction surface, which makes it the ideal choice for transportation of packed goods on a slightly inclined conveyor.

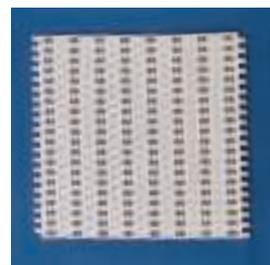
S.25-402



Belt pull PE 630 PP 1060 POM 1500
Open Area 6 x 10 mm / 29%
Approval USDA
Width interval 12,5 mm

Applications: The belt has raised ribs, which makes it the ideal choice for transportation of products which demand a low contact surface.

S.25-406



Belt pull PE 630 PP 1060 POM 1500
Open Area 1 x 6 mm / 13%
Approval FDA
Width interval 10 mm

Applications: The belt has a smooth surface, which makes it ideal for drainage of small products, such as noodles.

BELTS S.25

S.25-408



Belt pull PE 800 PP 1200 POM 2000
Open area Closed
Approval FDA
Width interval 5 mm

Applications: The belt has a flat top, which makes it the ideal choice for transportation of small products, machine components and as a cooling belt for the rubber industry.

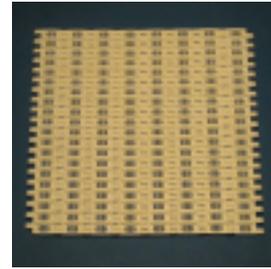
S.25-411



Belt Pull PE 630 PP 1060 POM 1500
Open area 3 x 6 mm / 26%
Approval USDA
Width interval 12,5 mm

Applications: The belt is open and net-like with a curved surface, which makes it the ideal choice for fish, meat and vegetables. It is also suitable for blanching belts and boiling noodles.

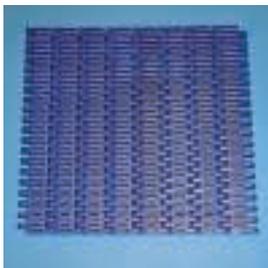
S.25-412



Belt pull PE 630 PP 1060 POM 1500
Open area 1 x 6 mm / 13%
Approval FDA
Width interval 10 mm

Applications: The belt is open and net-like with 2,5 mm flights. It is the ideal choice for medium-heavy duty transportation of fish, meat, vegetables etc. It is also suitable as a blanching belt and boiling of noodles.

S.25-420



Belt pull PE 800 PP 1200 POM 2000
Open area 2 x 10 mm / 14%
Approval FDA
Width interval 10 mm

Applications: The belt has raised ribs for the use of finger transfer plates. This makes it the ideal choice for medium-heavy duty transportations, i.e. for the pharmaceutical industry of small products, such as bottles, glass and machine components

S.25-800

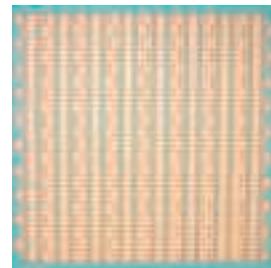


Belt pull PE 550 PP 650 POM 1050
Open area Closed
Approval USDA
Width interval 10 mm

EASY TO CLEAN

Applications: The belt has a flat top, which makes it the ideal choice for small products, meat balls, snacks, berries, fruit, red meat and as trimming lines. The smooth back makes the belt highly cleanable.

S.25-806



Belt pull PE 550 PP 650 POM 1050
Open area 4,5x1,5 mm/10%
Approval USDA
Width interval 10 mm

EASY TO CLEAN

Applications: The belt has a smooth, perforated surface, which is ideal for products requiring light drainage. The smooth back makes the belt highly cleanable.

For technical details please visit: www.scanbelt.com

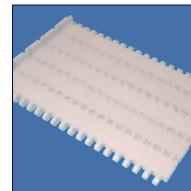
ACCESSORIES



Sprockets for S.25-4XX are available with 6-8-12 and 20 teeth, both with round and square bore.



Flights for S.25-4XX are available in size 3-25 and 50 and bent or with a round top.



Moulded side guards for S.25-408-412 for transportation of very small products.



Sprockets for S.25-800 are available with 6-12 and 20 teeth, both with round and square bore.



Flights for S.25-406-408 are available in size 3-25 and 50 mm and bent or with a round top.



Sprockets for drum motors are available for S.25-4XX in all sizes.



For the S.25, the standard heights of side guards are 25 and 50 mm. These side guards are available for all belts within the S.25 series.



Flights for S.25-100-600-700 are available in size 5-25 and 50 mm and bent or with a round top.



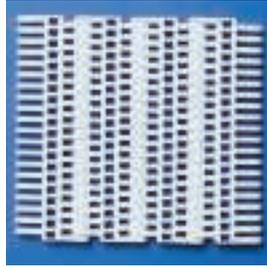
High friction modules for S.25-400F with 3 mm "soft flights" for extra grip

All types of accessories are available in at least 3 types of materials with different strengths.



BELTS S.50

S.50-100



Belt pull PE 1840 PP 2795 POM 4200
Open area 5 x 9 mm / 27%
Approval FDA
Width interval 10 mm

Applications: The belt is open with a smooth surface, which makes it the ideal choice for heavy-duty transportation, fishing industry, glass industry and transportation of raw materials (for further processing.)

S.50-200



Belt pull PE 1840 PP 2795 POM 4200
Open area 5 x 9 mm / 27%
Approval FDA
Width interval 20 mm

Applications: The belt has raised ribs for the use of finger transfer plates, which makes it the ideal choice for boxing, bottling, canning, machine components as well as pasteurisation and accumulation in the brewery and canned goods industry.

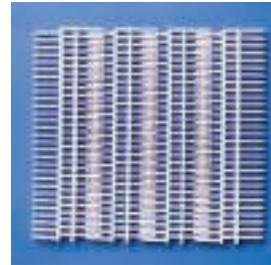
S.50-300



Belt pull PE 1740 PP 2300 POM 3450
Open area 5 x 9 mm / 27%
Approval FDA
Width interval 10 mm

Applications: The belt is open and net-like with 4 mm high ribs across, which makes it the ideal choice for tasks that require the delivery of small products that cannot tolerate normal flights.

S.50-400



Belt pull PE 1640 PP 2160 POM 3240
Open area 5 x 11 mm / 47%
Approval USDA
Width interval 7 mm

EASY TO CLEAN

Applications: The belt is open with a smooth surface, which makes it the ideal choice as a cooling/freezing belt in seafood, bakery, vegetable and meat industries and other areas where large air-flow combined with a small open area is required.

S.50-600



Belt pull PE 1790 PP 2400 POM 3600
Open area 1 x 6 mm / 9%
Approval USDA
Width interval 5 mm

Applications: The belt has a perforated flat top, which makes it the ideal choice for corn, pickles, snacks, meat for mincing, sweets, dairy and other industries that handle products requiring light drainage.

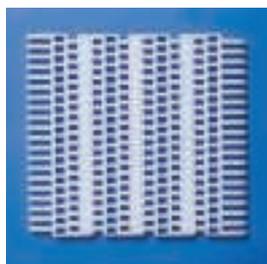
S.50-600F/Two component



Belt pull PE 1790 PP 2400
Open area Closed
Approval USDA
Width interval 5 mm

Applications: The belt is closed with a friction surface, which makes it the ideal choice for transportation of goods on a slightly inclined conveyor.

S.50-601

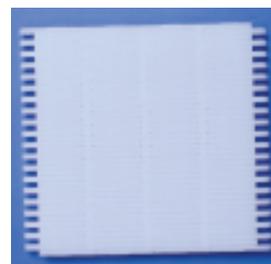


Belt pull PE 1790 PP 2400 POM 3600
Open area 5 x 7 mm / 27%
Approval USDA
Width interval 10 mm

EASY TO CLEAN

Applications: The belt is open with a smooth surface, which makes it the ideal choice for medium-heavy duty transportation, seafood and transportation of raw materials for further processing.

S.50-602



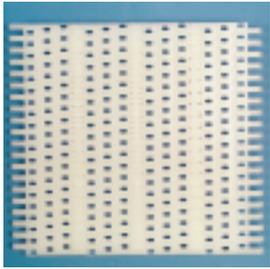
Belt pull PE 1790 PP 2400 POM 3600
Open area Closed
Approval USDA
Width interval 5 mm

Applications: The belt has a flat top with 3 mm high ribs, which makes it the ideal choice for corn, pickles, snacks, meat for mincing, sweets, dairy and other industries that handle products not requiring drainage.

BELTS S.50

All types of accessories are available in at least 3 types of materials with different strengths.

S.50-606



Belt pull PE 1790 PP 2400 POM 3600
Open area 3 x 6mm / 10%
Approval USDA
Width interval 5 mm

EASY TO CLEAN

Applications: The belt has a smooth surface, which makes it ideal for drainage of small products, such as shrimps.

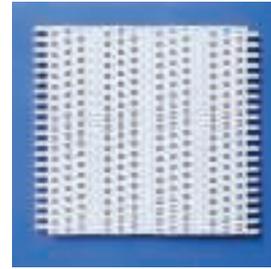
S.50-608



Belt pull PE 1790 PP 2400 POM 3600
Open area Closed
Approval USDA
Width interval 5 mm

Applications: The belt has a flat top which makes it the ideal choice for corn, pickles, snacks, meat for mincing, sweets, dairy and other industries that handle products not requiring drainage.

S.50-610-630



Belt pull PE 1790 PP 2400 POM 3600
Open area 1 x 6 mm / 9%
Approval USDA
Width interval 5 mm

Applications: These belts have a perforated flat top with either 1 mm and 3 mm flights, which makes them an ideal choice for corn, pickles, snacks, meat for mincing, sweets, dairy and other industries that handle products requiring light drainage as well as small flight effect.

S.50-808



Belt pull PE 820 PP 1510 POM 2310
Open area Closed
Approval USDA
Width interval 20 mm

EASY TO CLEAN

Applications: The belt has a flat top, which makes it the ideal choice for red meat, poultry, fruit, sweets and vegetable industries as well as trimming lines in the butchery and fish industry. The smooth back makes the belt highly cleanable.

S.50-908



Belt pull PP 6000
Open area Closed
Approval FDA
Width interval 20 mm

Applications: The belt is closed and has a smooth surface. This belt is the strongest plastic modular belt on the market, thus being suitable for heavy-duty transportation within car production, pallet handling and automatic truck loading systems.

S.50-930

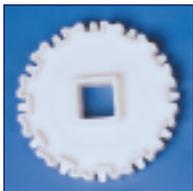


Belt pull PP 6000
Open area 7 x 11 mm / 13%
Approval FDA
Width interval 20 mm

Applications: The belt is open with 3 mm studs on the surface. The belt is ideal as "people mover" in the car industry as well as other tasks where a non-slip surface is required.

For technical details please visit: www.scanbelt.com

ACCESSORIES



Sprockets for S.50-100-200-300-6XX are available with 6-8-10-12 and 16 teeth, both with round and square bore.



Sprockets for drum motors are available in all drum sizes.



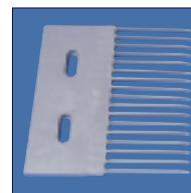
For the S.50 the standard heights of side guards are 50, 75, 100 and 150 mm.



Flights with round top are available in the same sizes as standard and bent flights.



Standard flights are available in 25-100 mm.



Finger transfer plates are available in one single standard in different types of material. These can be adjusted to fit the width.



Flights with ribs – NON-STICK – are available in 50 and 100 mm.



Bent flights are available in 75 and 100 mm.



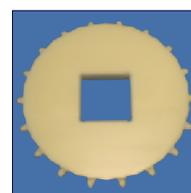
Reinforced flights are available in 75 mm, 150 mm.



Sprockets for S.50-800 are available with 6-8-10 and 12 teeth, both with round and square bore.



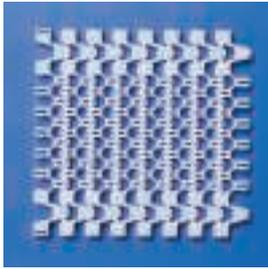
Sprockets for S.50-400 are available with 6-8-10 and 12 teeth, both with round and square bore.



Sprockets for S.50.9XX are available with 12 and 18 teeth. The sprockets have 30 mm wide "shoulders" to ensure ideal support of the belt.

RADIUS BELTS

S-100 R

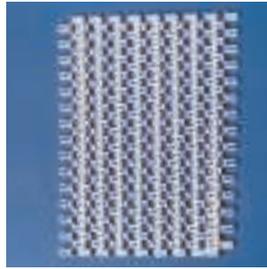


Open area	12 x 8mm / 52%
Approval	FDA
Width interval	20 mm

Applications: The belt, which has an radius from 1.5 x the belt width, can turn in all directions. The belt is cleanable and thus suited for packed as well as unpacked products. The belt is ideal for even heavy transportation in curves and spirals.

Belt data		
Belt material	Rods	Max. Belt pull kg.
Polyacetal (POM)	PP	75
	Nylon	110
	Steel	150
Polyporpylene (PP)	PP	60
	Nylon	90
	Steel	100
Steel reinforcements	Steel	350

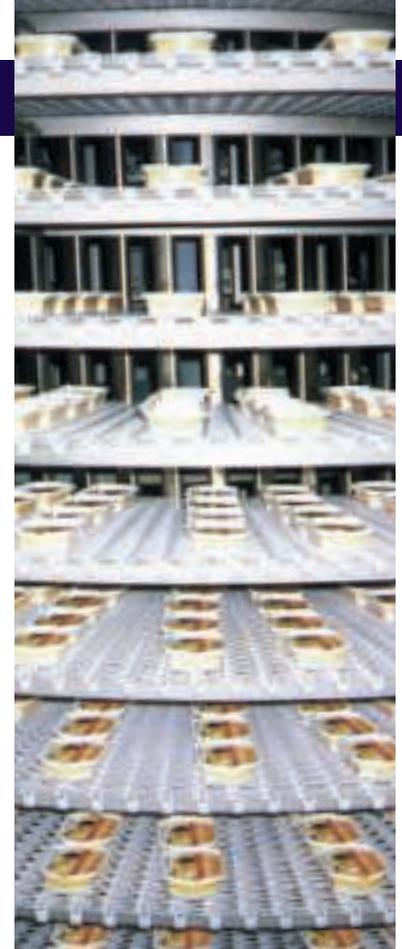
S-100 C



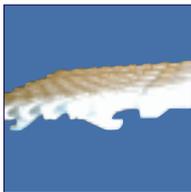
Open area	12 x 8mm / 52%
Approval	FDA
Width interval	20 mm

Applications: The belt, which has an inner radius from 1.5 x the belt width, can turn in all directions. The belt is ideal for light transportation in curves and as straight running belts in combination with curves.

Belt data		
Belt material	Belt pull Radius	Belt pull Straight runing
PE	50	570
PP	60	950
POM	90	1350



ACCESSORIES



ScanBelt S-100 can be supplied with hooks, which at the same time will work as Hold-Down.

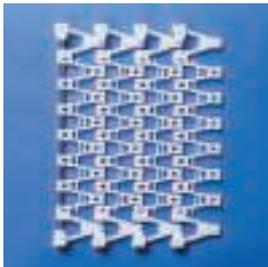


Flights for the S-100 are available in the sizes: 25, 50 and 75 mm. The friction flights come in the same sizes.



Sprockets for the S-100 are available with 8, 12 and 20 teeth, all with both round and square bore.

S-250

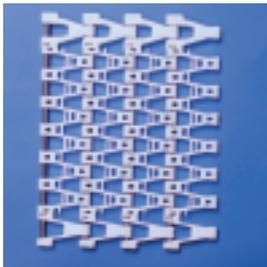


Open area	20 x 33 mm 67%
Approval	FDA
Width interval	33 mm

Applications: The belt, which has an inner radius from 1.5 x belt width, is ideal for radius conveyors with a medium-heavy load. It runs with hooks, which means that the whole belt width can be used. The hooks make the belt highly cleanable. The belt runs in S-curves. If provided with a steel reinforcement, the belt pull is significantly increased, however, it limits the belt turning in only one direction. Side guards and 3 mm friction modules are available as accessories.

Belt material	Belt data		
	Max. Belt pull kg.		
	S-250	J-350	J-450
Polyacetal (POM)	250	350	450
Polypropylene (PP)	140	196	
Steel reinforcements	400	400	

J-350



Open area	20 x 33 mm 67%
Approval	FDA
Width interval	33 mm

Applications: This type of belt runs in U-profile in the radius conveyors. Ideal for heavy transportation, especially when the belt has steel reinforcements. Can only turn in one direction. Has an inner radius from 1.5 x the belt width. The belt is the ideal solution for cooling spirals, both with smooth and rippled drums. 3 mm friction modules are available as accessories.

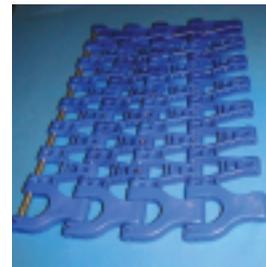


Sprockets for S-250, J-350 and J-450 with 11 teeth with both round and square bore are available. Can also be delivered in steel.



25 mm side guard for the S-250.

J-450



Open area	20 x 33 mm 67%
Approval	FDA
Width interval	33 mm

Applications: This type of belt has been developed for spirals and has a heavy outer module for high belt pull and a light inner module to ensure a low collapse factor. Different types of middle modules are available, i.e. high friction modules. This belt is patented.



Sprockets for J-350 and J-450 with 6 teeth with both round and square bore.



Turning shoe for the S-250.

ACCESSORIES

For technical details please visit:
www.scanbelt.com

MATERIAL DESCRIPTION

POLYETHYLENE

Thermal plastic with a weight mass of approx. 0.92 grams/cm³.
Suitable for use in cold areas.
Temperature range from \div 73°C to + 66°C.
High chemical resistance.
FDA approved.
Tough yet flexible material with high impact strength.

POLYETHYLENE PLUS

Thermal plastic with a weight mass of approx. 0.93 grams/cm³.
Suitable for use in medium temperature areas.
Temperature range from \div 20°C to + 80°C.
FDA approved.
Same characteristics as Polyethylene, with approx. 30% larger tensile strength as well as reduced impact strength.

POLYPROPYLENE

Thermal plastic with a weight mass of approx. 0.92 grams/cm³.
Suitable for use in high temperature areas.
Temperature range from + 5°C to + 100°C.
High chemical resistance.
FDA approved.
A strong material with a medium tensile strength and low impact strength at low temperatures.

POLYPROPYLENE with 10% TALCUM

Thermal plastic with a weight mass of approx. 0.98 grams/cm³.
Suitable for use in high temperature areas.
Temperature range from + 40°C to + 130°C.
High chemical resistance.
FDA approved.
Medium tensile strength, low impact strength at low temperatures.

POLYPROPYLENE with 30% GLASS

Thermal plastic with a weight mass of approx. 1.14 grams/cm³.
Suitable for use in high temperature areas.
Temperature range from + 50°C to + 150°C.
High chemical resistance.
A strong and consistently stable material. Extremely high tensile strength, but gives a larger friction between the support and the belt. Low impact strength at low temperatures.

POLYPROPYLENE ANTISTATIC

Thermal plastic with a weight mass of approx. 0.98 grams/cm³.
Suitable for use in areas requiring electrical diversion.
Temperature range from + 5°C to + 100°C.
High chemical resistance.
Tensile strength as normal polypropylene.

POLYACETAL (POM)

Thermal plastic with a weight mass of approx. 1.4 grams/cm³.
Suitable for use in both warm and cold areas.
Temperature range from \div 43°C to + 95°C.
Has a limited resistance to certain chemicals. If in doubt please contact ScanBelt.
FDA approved.
Consistently stable material with high tensile strength
Low friction between belt and support.
Low impact resistance at low temperatures.

POLYACETAL ANTISTATIC

Thermal plastic with a weight mass of approx. 1.4 grams/cm³.
Suitable for use in areas requiring electrical diversion.
Temperature range from \div 43°C to + 95°C.
Other characteristics are the same as polyacetal.

NYLON 6

Thermal plastic with a weight mass of approx. 1.1 grams/cm³.
Suitable for use in both warm and cold areas.
Temperature range from \div 45°C to + 110°C.
High chemical resistance. Not suitable in damp areas at high temperatures.
FDA approved.
Tough yet flexible material with high tensile strength as well as high impact strength.

NYLON 6.6

Thermal plastic with a weight mass of approx. 1.1 grams/cm³.
Suitable for use in both warm and cold areas.
Temperature range from \div 45°C to + 150°C.
High chemical resistance, though not suitable for use in very damp areas at high temperatures.
Tough yet flexible material with high tensile strength as well as high impact strength.

NYLON ANTISTATIC

Thermal plastic with a weight mass of 1.1 grams/cm³.
Suitable for use where electrical diversion is required.
Temperature range from \div 45°C to + 110°C.
High chemical resistance. Not suitable in wet areas.
Tough yet flexible material with high tensile strength as well as high impact strength.

FIRE RETARDING POLYPROPYLENE

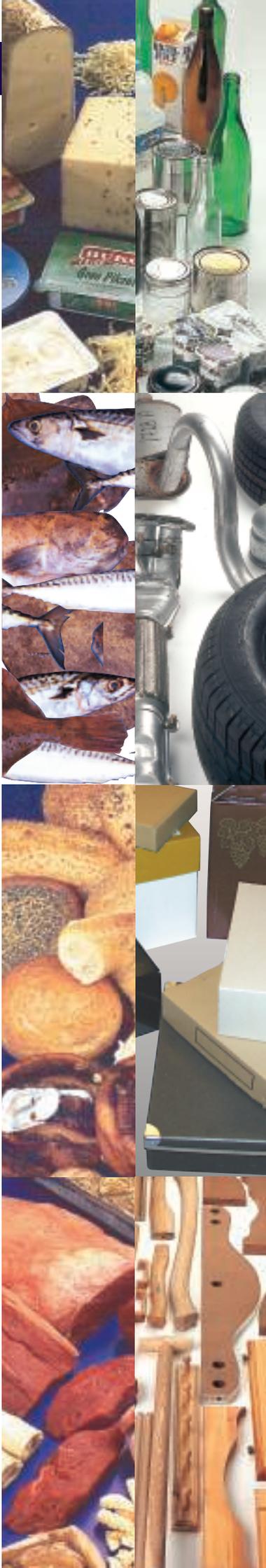
Thermal plastic with a weight mass of approx. 0.98 grams/cm³.
Suitable for use in fire hazard areas, as microwave ovens and the like.
Temperature range from + 5°C to + 120°C.
High chemical resistance.
Flammability VO (3.2 mm)
FDA approved.
Strong material with medium tensile strength. Low impact strength at low temperatures.

FRIKTION MATERIAL

Thermal plastic with a weight mass of approx. 1.14 grams/cm³.
Suitable for use in both warm and cold areas.
Temperature range from \div 25°C to + 80°C.
High chemical resistance.
FDA approved.
Soft material with high friction, low tensile strength.
Suitable to put on the surface of PE and PP belts.
Used for belts with slight inclination.

SILICONE AND TEFLON MATERIAL

An additive added to polyethylene and polypropylene. This material prevents products from freezing or sticking to the belt.
FDA approved.
The characteristics of the basic material are not changed essentially.



BELT DESCRIPTIONS

BELT DESCRIPTIONS

Type	Open area		Belt pull kg/m belt width PE	Belt pull kg/m belt width PP	Belt pull kg/m belt width POM	Approval
	%	mm.				
12,5 mm						
12-400	40	6x8	310	420	700	USDA
25 mm						
S-100C	52	12x8		950	1350	FDA
25-100	20	3x3	540	740	1250	FDA
25-200	27	3x12	540	740	1250	FDA
25-400	29	6x10	630	1060	1500	USDA
25-400F	29	6x10	630	1060		USDA
25-402	29	6x10	630	1060	1500	USDA
25-406	13	1x6	630	1060	1500	FDA
25-408		CLOSED	800	1200	2000	FDA
25-411	26	3x6	630	1060	1500	USDA
25-412	13	1x6	630	1060	1500	FDA
25-420	14	2x10	800	1200	2000	FDA
25-600	16	1,5x3	540	740	1250	FDA
25-700	27	3x12	540	740	1250	FDA
25-800		CLOSED	550	650	1050	USDA
25-806	10	4,5x1,5	550	650	1050	USDA
50 mm						
50-100	27	5x9	1840	2795	4200	FDA
50-200	27	5x9	1840	2795	4200	FDA
50-300	27	5x9	1740	2300	3450	FDA
50-400	47	5x11	1640	2160	3240	USDA
50-600	9	1x6	1790	2400	3600	USDA
50-600F		CLOSED	1790	2400		USDA
50-601	27	5x7	1790	2400	3600	USDA
50-602		CLOSED	1790	2400	3600	USDA
50-606	10	3x6	1790	2400	3600	USDA
50-608		CLOSED	1790	2400	3600	USDA
50-610	9	1x6	1790	2400	3600	USDA
50-630	9	1x6	1790	2400	3600	USDA
50-808		CLOSED	820	1510	2310	USDA
50-908		CLOSED	6000		FDA	
50-930	13	7x11		6000		FDA
Radius belts 25 mm						
S-100 R	52	12x8			Max. 350	FDA
S-100 C	52	12x8		Max. 60	Max. 90	FDA
Radius belts 50 mm						
S-250	67	20x33			Max. 250	FDA
J-350	67	20x33			Max. 350	FDA
J-450	67	20x33			Max. 450	FDA