



Conveyor Belts

HIGH-QUALITY CONVEYOR BELTS, MADE IN ACCORDANCE WITH THE REQUIREMENTS OF INTERNATIONAL STANDARDS





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SAVA CONVEYOR BELTS

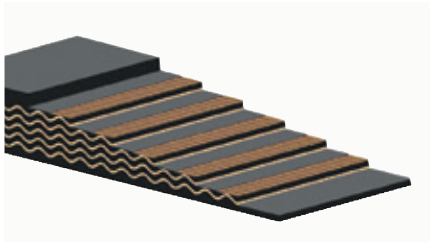
Since 1948 high-tech conveyor belts and technical rubber sheets have been produced in the plant in Kranj, Slovenia, and sold worldwide in different branches of industry. These products are continually perfected using the know-how and experience of our engineers. Our production programme includes conveyor belts for general purpose applications, special purpose conveyor belts and a wide range of Chevron conveyor belts and technical rubber sheets. These products are noted for their safety and long life. Strict quality control criteria are rigorously followed in all phases of production.

The in-house developed rubber compounds are subject to a strict quality control by the Central Laboratory. It holds the ISO 9001, ISO 14001 and OHSAS 18001 certificates. When seeking the right conveyor belt type for your application our specialists are always available to give you an advice.



GENERAL PURPOSE CONVEYOR BELTS

The design of general purpose conveyor belts enables application in all areas of materials handling. Due to the carcass construction and quality of cover, these belts are noted for their reliability and long life in all industrial applications, either for general purposes or handling of sharp-edged and extremely abrasive materials.



The construction of general purpose conveyor belts:

- multiply EP carcass (warp polyester + weft polyamide)
- special rubber layer with good fabric adhesion properties (skimmed layer)
- high abrasion resistant cover
- special quality of cover on request

Designation	Elastomer	Temperature range °C	Hardness ±5 Sh °A	Abrasion max. (mm ³)	Application
Y	SBR	-40 to +80	60	130	Abrasion resistant cover for general purpose.
X	NR	-40 to +80	65	120	High abrasion and high impact resistant cover for heavy duty applications.
W	BR/NR	-40 to +80	60	90	High abrasion resistant cover for extraordinary abrasive materials.
WH	SBR/BR	-40 to +80	75	100	For conveying extraordinary abrasive materials and extremely sharp materials.
WL	BR/NR	-40 to +80	62	55	For conveying extraordinary abrasive materials or wear due to belt cleaning.
SUPRA WL	BR/NR	-40 to +80	64	40	For conveying extremely abrasive materials.

General purpose conveyor belts are suitable for:

- sand, gravel, stone industry
- cement, concrete plants
- heating and power stations, garbage incineration plants
- road construction machinery
- recycling, compost industry, mineral processing plants
- timber industry and sawmills
- slag conveyors
- REA-gypsum
- broken glass
- silica sand or materials containing silica sand
- inclining conveyors with slipping type of material
- clay and argil

Belt widths:

400, 500, 650, 800, 1000, 1200, 1400, 1600, 1800, 2000 mm. Anglo-Saxon and other widths on request. Max width 2100 mm.

Belt constructions:

Various tensile strengths from EP 250 N/mm to EP 3150 N/mm are available.

FIRE AND FLAME RESISTANT CONVEYOR BELTS

At conveying of bulk solids difficulties can sometimes arise such as self-ignition of either the conveyed goods or the conveyor belt itself. Therefore our experts have developed special types of fire and flame resistant rubber to raise safety to the highest level.

Designation	Elastomer	Temperature range °C	Hardness ±5 Sh °A	Abrasion max. (mm ³)	Application
K	SBR/NR	-25 to +60	63	160	<p>Fire and flame resistant rubber conveyor belt for overground applications according to DIN EN 12882.</p> <p>Conveyor belt intended for transport of inflammable and explosive materials. Suitable for coal loading and transportations, coal dust, steel works and foundries, food industries (powders, grain, sugar...), wood industries, aluminium, paper, chemical and fertilizer industries.</p> <p>Conveyor belt meets the following requirements: resistance to burning with covers, antistatic, drum friction test.</p>
S	SBR/NR	-25 to +100	63	160	<p>Fire and flame resistant rubber conveyor belt for overground applications according to DIN EN 12882.</p> <p>Conveyor belt intended for transport of inflammable and explosive materials. Suitable for coal loading and transportations, coal dust, steel works and foundries, food industries (powders, grain, sugar...), wood industries, aluminium, paper, chemical and fertilizer industries.</p> <p>Conveyor belt meets the following requirements: resistance to burning with and without covers (also skim layer fire resistant), antistatic, drum friction test.</p>
SMVO	CR/BR	-20 to +100	68	180	<p>Fire and flame resistant rubber conveyor belt for overground applications according to DIN EN 12882.</p> <p>Conveyor belt intended for use in hazardous installations, with a potentially explosive atmosphere. Suitable for overground minings, flammable goods, potentially explosive areas.</p> <p>Conveyor belt meets the following requirements: resistance to burning with and without covers (also skim layer fire resistant), antistatic, drum friction test, propan burner test.</p>
SMVU	CR/SBR/BR	-20 to +100	68	180	<p>Self-extinguishing conveyor belt intended for use in underground installations according to DIN EN 14973.</p> <p>Conveyor belt intended for use in hazardous installations, with a potentially explosive atmosphere. Suitable for tunnel constructions, underground minings, potentially explosive areas.</p> <p>Conveyor belt meets the following requirements: resistance to burning with and without covers (also skim layer fire resistant), antistatic, drum friction test, propan burner test.</p>

*certificates available upon request

Fire and flame resistant conveyor belts are suitable for:

- heating stations, power stations and garbage incinerating plants
- coal loading, coal transportation
- steelworks and foundries
- closed conveyors
- flammable goods
- potentially explosive areas
- near flame sources
- tunnel constructions
- underground mines



OIL AND GREASE RESISTANT CONVEYOR BELTS

As a rule, oils and greases have a very destructive impact on rubber, however, materials that contain oil or grease are daily conveyed. In order to protect rubber components in the conveyor belts from swelling, types of rubber that are resistant to oil and grease should be applied. Since not all oil and grease types are equally aggressive, the engineers have developed different types of belts to meet all the requirements.

Designation	Elastomer	Temperature range °C	Hardness ±5 Sh °A	Abrasion max. (mm ³)	Application
MOR	NBR/SBR/BR	-20 to +100	61	130	Moderately oil and grease resistant cover. Suitable for products with medium quantity of animal and vegetable fats and oils (grain, oilseed rape and tailings, compost, fodder mixtures, sawdust and wooden chips with a low pitch/terpene content, etc.).
MG PLUS	NBR/SBR	-15 to +100	65	150	Oil resistant cover and moderately oil resistant skim coat. Suitable for materials containing animal fat or vegetable oil. This belt type is used within industries manufacturing and handling grain, fodder mixtures, soybean cakes, tinned goods, cellulose, wooden chips, fertilizers. Used for belts with cut edges and sliding transporters.
GMG	NBR	-25 to +100	60	130	Highly oil resistant type of cover for transportation of products containing mineral oils, diesel fuel, terpene, etc. - even at increased temperatures. This type is resistant to lilmams that are used in fertilizing industry.
KMOR	NBR/BR	-25 to +60	60	150	Oil resistant cover and moderately oil resistant skim coat. Fire and flame resistant cover according to ISO 340. Suitable for handling grain, fodder mixtures, soybean cakes, cellulose, wooden chips, fertilizers. Used in applications with fire safety requirements. Conveyor belt meets the following requirements: resistance to burning with covers, antistatic, drum friction test.
KGMG	NBR	-15 to +60	62	200	Highly oil and grease resistant type. Used in applications with fire safety requirements - fire and flame resistant cover according to ISO 340.
SMOR	NBR/BR	-25 to +60	60	150	Oil resistant cover and moderately oil resistant skim coat. Suitable for handling grain, fodder mixtures, soybean cakes, cellulose, wooden chips, fertilizers. Used in applications with fire safety requirements - fire and flame resistant rubber cover and carcass according to ISO 340. Conveyor belt meets the following requirements: resistance to burning with and without covers (also skim layer fire resistant), antistatic, drum friction test.
RMOR	NBR/BR	-30 to +60	63	150	Moderately oil and grease resistant cover. Suitable for products with a medium content of animal and vegetable fats and oils (grain, oilseed rape and tailings, compost, fodder mixtures, sawdust and wooden chips with a low pitch/terpene content, etc.). Used for working conditions at low temperatures.
RMG PLUS	NBR/SBR	-25 to +60	65	130	Oil and grease resistant cover and moderately oil resistant skim coat. Suitable for materials containing animal fat or vegetable oil. The belt type is used within industries manufacturing and handling grain, fodder mixtures, soybean cakes, cellulose, wooden chips, fertilizers. For belts with cut edges and for sliding transporters. Used for working conditions at low temperatures.

All conveyor belts are antistatic according to DIN EN ISO 284:2004. Oil resistance depends on the construction of the belt (ratio between cover and skim, cut or moulded edges, with or without a bottom cover). These belts are available in different constructions ranging from smooth belts, Supergrip, Finegrip, Noppen up to Chevron belts.

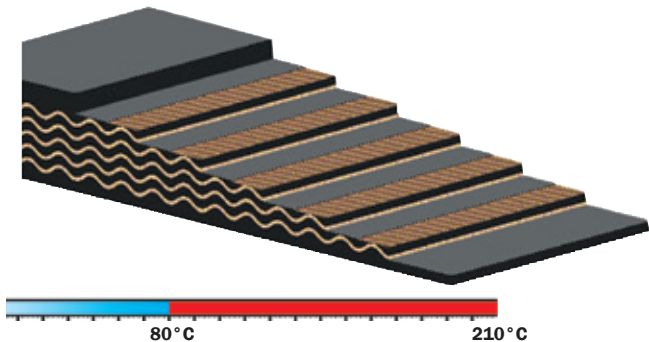
Oil and grease resistant conveyor belts are suitable for:

- concrete plants
- recycling and mineral processing plants, waste sorting and compost machines
- metal processing industry, scrap recycling
- timber industry and sawmills
- excreta and sewage sludge conveying
- corn, rape and soilages conveying
- paper industry
- fertilizers handling



HEAT RESISTANT CONVEYOR BELTS

Hot transported material can very easily damage the conveyor belt. To prevent possible damages, our engineers have developed three types of belts that correspond to different temperature conditions.



With regard to the application and heat resistance properties, three types of conveyor belts are available:

- **T1 type** - *temperature of material up to 125 °C
- **T2 type** - *temperature of material up to 150 °C
- **T3 type** - *temperature of material up to 210 °C

*depends on the ambient temperature, grain size and contact duration

Short time peaks in temperature of material possible up to 400 °C. Please contact us for further details.

Heat resistant conveyor belts are suitable for:

- cement plants
- heating stations, power stations, garbage incineration plants
- chemical industry
- steelworks, metal foundries, metal processing industry
- hot asphalt transportation

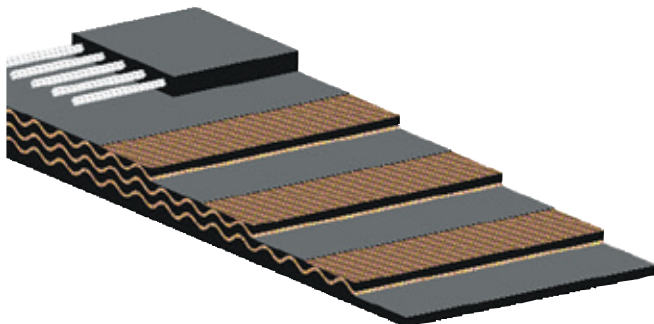
OUR TYPICAL HEAT RESISTANT BELTS									
Belt type	Width								
	500	650	800	1000	1200	1300	1400	1600	1800
EP 400/3 4/2 T1	●	●	●	●	●		●	●	●
EP 400/3 4/2 T2 cut edge	●	●	●	●		●		●	●
EP 400/3 4/2 T3 cut edge	●	●	●	●		●		●	

Other constructions and widths on request.



RIPCHECK CONVEYOR BELTS

Conveying bulk solids can sometimes cause difficulties; sharp-edged, large pieces of undefined shapes, unfavourable feeding conditions, material pile-ups could result in longitudinal cuts or punctures in the belt. Engineers have identified the problem and searched for a technical and cost-efficient solution. Their effort resulted in the development of a Ripcheck conveyor belt with an additional impact-resistant breaker installed above the carcass.



With regard to the intended use and breaker, the following types are available:

- **RC type** - elastic cross-reinforcement with steel cord
- **RCH type** - very narrow and elastic reinforcement with steel cord for severe conditions
- **BR type** - elastic reinforcement with textile cord (for magnetic separators or in devices for metal detection, used in the timber industry)

RIPCHECK STEEL CORD	RC	RCH
Wire diameter (mm)	1,19	1,19
Average distance between the wires (mm)	14,0 (+/- 2,0)	0,9 (+/- 0,2)

OUR TYPICAL RIPCHECK BELTS									
Belt type	Width								
	500	650	800	1000	1200	1400	1600	1800	2000
EP 500/3 + 1RC 5/2 Y		●	●	●	●				
EP 500/3 + 1RC 10/3 Y				●	●	●	●		

Other constructions and widths on request. Ripcheck conveyor belts also available in Chevron version.



ELEVATOR CONVEYOR BELTS

Elevator conveyor belts are designed for application in all areas of the belted-type elevators. Due to their carcass construction, they are known as an "endurance runner" and have proven to be reliable conveyor belts with a long service life. Elevator conveyor belts are the best solution from the technical and cost-efficiency point of view.



Elevator conveyor belts are suitable for:

- sand, gravel and stone industry
- cement, concrete plants
- heating stations, power stations, garbage incinerating plants
- asphalt mixing plants
- recycling, compost, mineral processing plants
- timber industry and sawmills
- farming
- warehousing, silo feeding
- docks, ship loading and unloading
- sugar refineries, salt mines, potatoes and starch factories
- foundries
- waste treatment plants

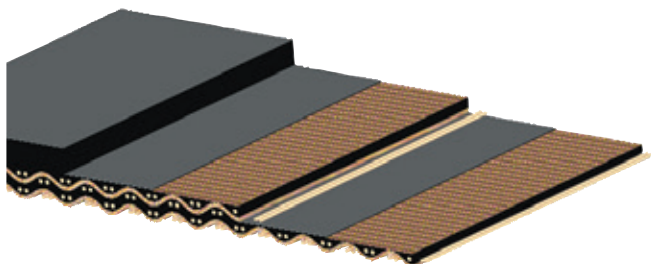
OUR TYPICAL ELEVATOR BELTS	
Belt type	Widths
EP 500/3 1/1 Y cut edge	up to 1800 mm
EP 630/4 2/2 Y cut edge	
EP 800/5 2/2 Y cut edge	
EP 1000/5 2/2 Y cut edge	

Other constructions and widths on request.



SLIDING CONVEYOR BELTS

For technical reasons, a rotating supporting roller cannot be installed in certain types of conveyors. Therefore, a belt requires the so-called sliding table to operate. Such operation does not allow the bottom surface of the belt to be coated with rubber, as this would increase friction between the base and the belt. Our engineers have therefore developed special sliding conveyor belts where friction is decreased to a minimum.



With regard to the application, two types of textiles can be used in these conveyor belts:

- **EP type** - trough-shaped variant
- **EMF type** - cross stable variant for (non-trough) flat conveying

Sliding conveyor belts are suitable for:

- timber industry and sawmills
- recycling, garbage and mineral processing plants
- packaging industry
- airports
- parcel terminals and cardboard plants
- food industry

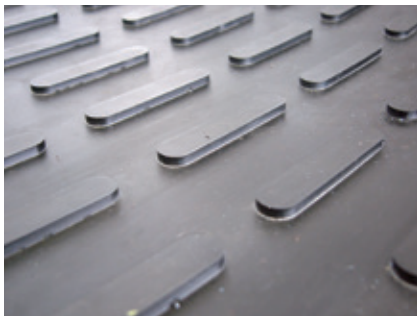
OUR TYPICAL SLIDING BELTS											
Belt type	Width										
	400	500	600	650	800	1000	1200	1300	1400	1600	1800
EP 250/2 2/0 Y cut edge		●		●	●			●			
EP 250/2 2/0 MOR cut edge	●				●		●		●	●	
EP 400/3 2/0 Y cut edge	●	●	●	●	●	●	●	●	●	●	●
EP 400/3 2/0 MOR cut edge	●	●	●	●	●	●	●	●	●	●	●

Other constructions and widths on request.

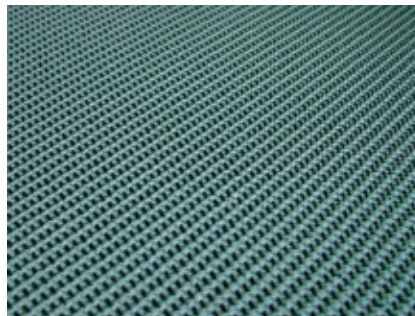


SUPERGRIP, FINEGRIP AND NOPPEN CONVEYOR BELTS

When conveying material in horizontal and especially ascending direction, the material could slip off the smooth conveyor belt. We have found a solution to this challenge. A special rubber coating with a high friction ability and a special surface design both prevent the material from slipping off the conveyor belt. We have developed three types: Supergrip, Finegrip and Noppen. Supergrip conveyor belts are particularly suitable for conveying at high angles and/or in wet and humid conditions. Due to its better cleaning ability, Finegrip conveyor belts are especially used where dust, fine-grained material and spills could affect the tread-pattern. Noppen conveyor belts are suitable when very light material is conveyed. They are noted for a smooth return run and good cleaning ability.



Noppen



Supergrip



Finegrip

With regard to the application, two types of textiles can be used in these conveyor belts:

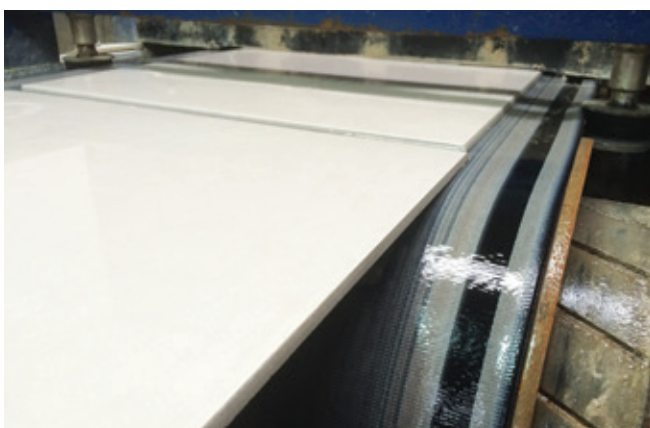
- **EP type** - trough-shaped variant
- **EMF type** - cross stable variant for (non-trough) flat conveying

OUR TYPICAL SUPERGRIP BELT	
Belt type	Width
EP 400/3 SG/0 cut edge	1600 mm

Other constructions and widths on request.

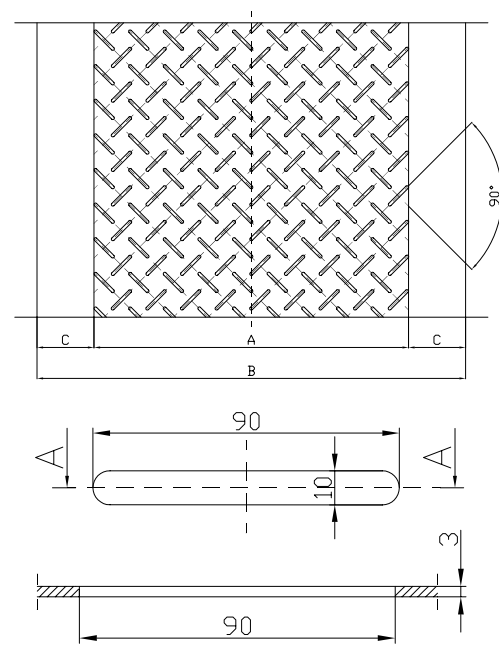
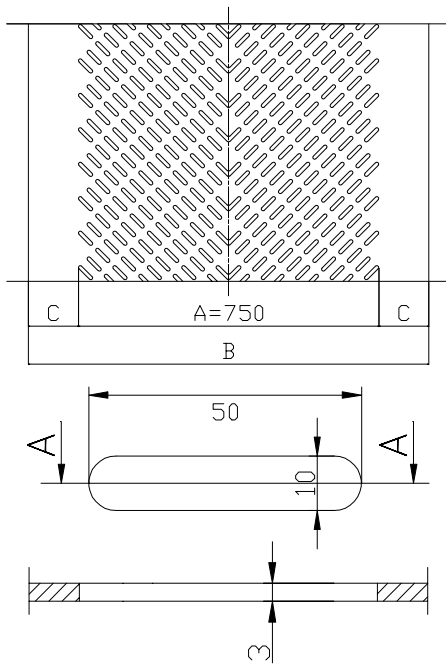
Supergrip, Finegrip and Noppen conveyor belts are suitable for:

- filling of bags and packaging devices
- mail deliveries transport
- transport of bags and reloading conveyor belts
- loading and unloading conveyor belts for piece goods
- transport of boxes and bottles
- transport of baggage (airports, railway stations, etc.)
- passenger transport
- timber, wood chips transport
- round balers
- stone/marble processing



SUPERGRIP, FINEGRIP AND NOPPEN CONVEYOR BELTS

Noppen conveyor belts



Profile type 750		
A (mm)	B (mm)	C (mm)
750	800	25
750	1000	125
750	1200	225

Profile type 540 R (reversible)		
A (mm)	B (mm)	C (mm)
540	650	55
540	800	130
540	1000	225



Profile type 750 R (reversible)		
A (mm)	B (mm)	C (mm)
750	800	25
750	1000	125
750	1200	225

Profile type 1030 R (reversible)		
A (mm)	B (mm)	C (mm)
1030	1200	85
1030	1400	185
1030	1600	285

Profile type 1600 R (reversible)		
A (mm)	B (mm)	C (mm)
1600	1800	100
1600	2000	200

PIPETYPE CONVEYOR BELTS

In cooperation with the operators of conveyors produced by various well-known manufacturers, our engineers have developed a Pipetype conveyor belt. The Pipetype conveyor belt is suitable for use in tougher conditions and requires application of special tubular-type conveyors. Due to its special carcass construction, the belt runs like a tube which opens only when loaded and unloaded. The system remains closed and dust-tight even when bulk solids are conveyed in horizontal or vertical curves.



Pipetype conveyor belts are suitable for:

- cement and concrete plants
- heating stations, power stations, garbage incinerating plants
- REA - or gypsum plants
- lime industry
- tunnel construction
- conveying dusty and fine-grained material
- material of lower density and environmentally hazardous material
- silo conveyors
- conveyors crossing roads (bridge conveyors)





Chevron conveyor belts

CHEVRON CONVEYOR BELTS

Conveyor belts with a smooth carrying surface are useful for conveying of packed and unpacked material up to the angle of inclination 22° as an upper limit.

Chevron belts are the right belts to meet your requirements when higher angles of inclination are required. For this purpose, our experts have developed high-performance and high-quality Chevron and High-Chevron conveyor belts. They are noted for long service life and flexibility due to homogeneous Chevron profiles, which are vulcanised together with a base belt.



Chevron conveyor belts are suitable for:




- quarries, sandpits
- cement works, lime works
- farming: conveying of beets, grains, potatoes, fertilizers, wooden chips
- coal and coke transport
- sugar refineries
- salt mines
- mobile crushers and screens
- road milling machines



CHEVRON CONVEYOR BELTS

Selection of a profile type and height depends on the material to be conveyed and the angle of inclination:

Type of material	Material example	Max. angle of inclination		
		Height of cleats		
		Profile type A, h: 16 mm	Profile type AH, h: 25 mm	Profile type AF and F, h: 32 mm
POWDERY	Flour, lime, etc.	25°	28°	30°
LOOSE FLOWING	Grains: corn, barley, wheat, rye, dry sand	20/25°	25/30°	25/30°
LOOSE ROLLING	Gravel, ground stone	25°	28°	30°
STICKY	Wet sand, ash, wet loam	30/35°	35/40°	40/45°
PACKED	Sacks, jute sacks, paper sacks	30/35°	35/40°	35/40°

The values given are just an orientation and depend on the type of goods conveyed, loading conditions and the conveyor belt speed.

The maximum inclination of a smooth conveyor belt ranges from 15° to 22° in dependence of the type of material.

Step angle conveyor belts with a profiled surface reach an inclination of 30° to over 40°.

In unfavorable loading conditions only the profiled surface may be loaded. For the rest, the capacity is calculated in the same way as for smooth surface conveyor belts.



Equations:

Volume flow:
 $Q_v = Q_{th} \times k \times v$ m³/h

Mass flow:
 $Q_m = Q_v \times \rho$ t/h

CHEVRON CONVEYOR BELTS

Reduction factor k

Angle of inclination	14°	16°	18°	20°	22°	24°	26°	28°	30°	35°	40°
Loose rolling and rough material	0,91	0,89	0,85	0,81	0,76	0,71	0,66	0,61	0,56	-	-
Sticky material	1			0,93			0,85			0,58	0,47

Theoretical volume flow Q_{th} (m³/h) at two-sectioned idlers

at v=1 m/s, trough angle 20°, material static angle of slide 10°, horizontal conveying, smooth belt

Belt width (mm)	400	500
Q_{th} (m ³ /h)	40	70

Theoretical volume flow Q_{th} (m³/h) at three-sectioned idlers

at v=1 m/s, trough angle 20°, material static angle of slide 10°, horizontal conveying, smooth belt

Belt width (mm)	500	650	800	1000	1200
Q_{th} (m ³ /h)	60	110	172	281	412

Recommended minimum pulley diameters (mm)

Chevron belt with profile height 16 mm	EP 250/2	EP 400/3
Minimum pulley diameter (mm)	Ø 250	Ø 315

High-Chevron belt with profile height 25 and 32 mm	EP 250/2	EP 400/3
Minimum pulley diameter (mm)	Ø 315	Ø 400

Other constructions on request.

Minimum take-up adjustment (% of centre distance)

Fixed or automatic take-up at tail
1,5%

Maximum spacing between rollers

Carrying idler group	0,5 m
Return idler group *	≤ 0,8 m

* it should not be a multiple of a spacing between two cleats

Maximum trough angle

Standard idler group	Profile height 16 mm	Profile height 25 mm and 32 mm
- 3-roll	30°	25° (1)
- 2-roll	30°	20°

(1) Width < 800 mm: 20°

Belt splicing - additional length per splice (m) to be ordered

Type of splice	Belt EP 250/2	Belt EP 400/3	Belt EP 500/4
Hot vulcanised	0,65 m	0,85 m	1,10 m
Cold splicing	0,70 m	0,90 m	1,20 m

Other belt constructions on request. Chevron belts may also be spliced with mechanical clamps.

CHEVRON CONVEYOR BELTS

Type A - profile height 16 mm

Type AH - profile height 25 mm

Pattern	Width (B) (mm)	Pattern width (A) (mm)	Freezone width (C) (mm)	Pitch (mm)
A33, AH33	400	330	35	250
	500	330	85	250
A44, AH44	500	440	30	250
	600	440	80	250
	650	440	105	250
A51, AH51	600	510	45	250
	650	510	70	250
	800	510	145	250
A54, AH54	600	540	30	250
	650	540	55	250
	800	540	130	250
A62, AH62	650	620	15	250
	800	620	90	250
	1000	620	190	250
A72, AH72	800	720	40	250
	1000	720	140	250
A83, AH83	1000	830	85	250
	1200	830	185	250
A94, AH94	1000	940	30	250
	1200	940	130	250
A101, AH101	1200	1010	95	250
	1400	1010	195	250
A112, AH112	1200	1120	40	250
	1400	1120	140	250
A133, AH133	1400	1330	35	250
	1600	1330	135	250
A151, AH151	1600	1510	45	250
	1800	1510	145	250
A156, AH156	1600	1560	20	250
	1800	1560	120	250
A161, AH161	1800	1610	95	250
	2000	1610	195	250

Typical belt construction:

- EP 250/2 3,5/1
- EP 400/3 3,5/1,5
- EP 500/4 4/2

Cover type:

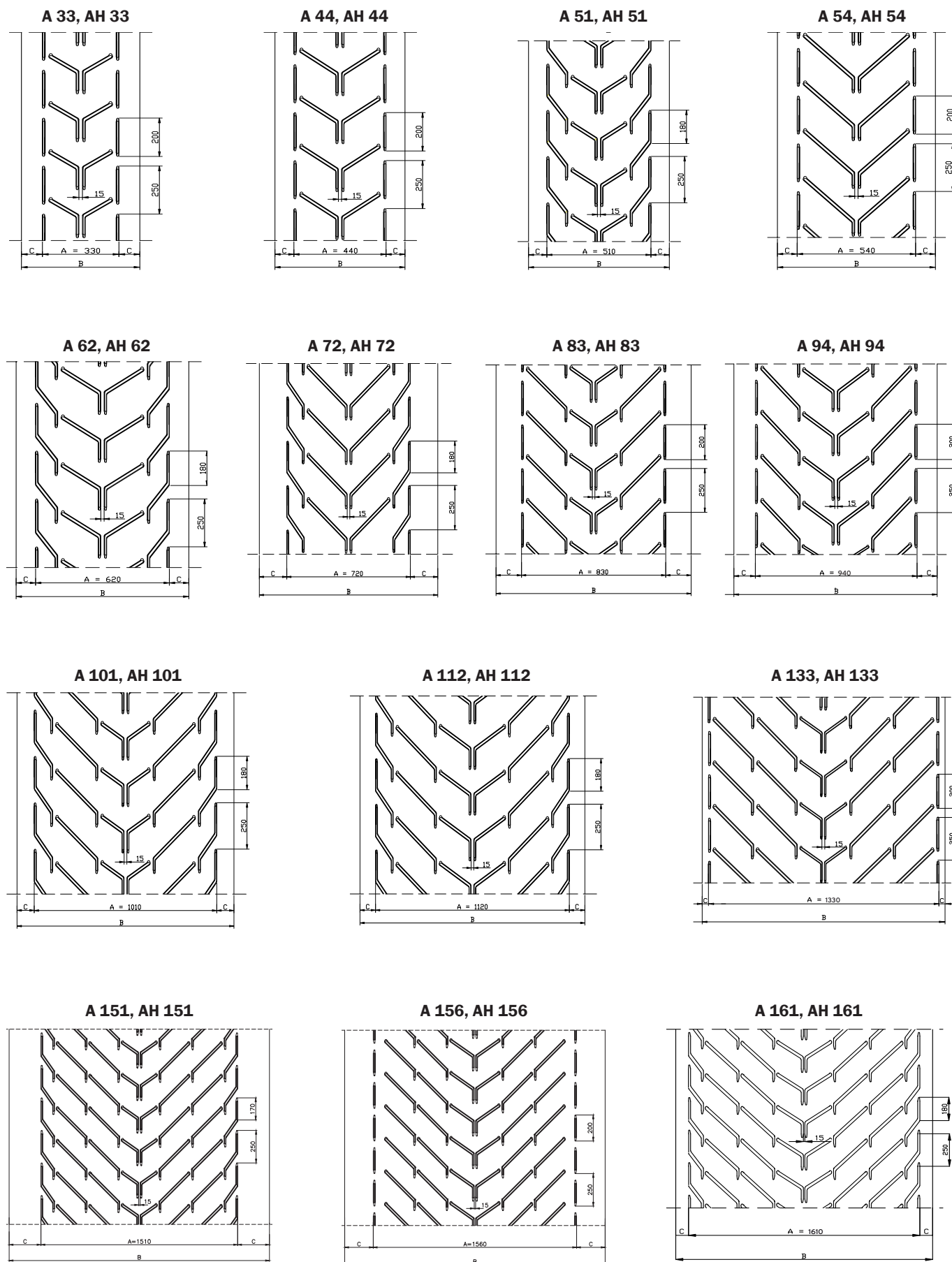
- anti-abrasion
- oil and grease resistant
- heat resistant
- fire resistant
- sliding belts
- food grade

Special application:

- Chevron + Ripcheck
(steel cord reinforcement)

CHEVRON CONVEYOR BELTS

Chevron conveyor belts with A and AH type profiles



CHEVRON CONVEYOR BELTS

Type AF - profile height 32 mm

Being an expert producer of Chevron conveyor belts, Trelleborg is always striving to develop new cutting-edge technology to incorporate it in conveyor belts.

The existing 32 mm high F type Chevron belts have been recognized as one of the best in the industry and are regularly used in the most challenging working environments possible.

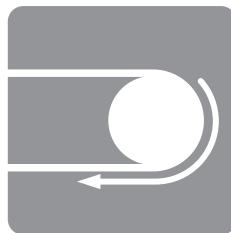
In order to provide you with even better Chevron belts, our engineers have utilized their knowledge and experience and developed a new Chevron conveyor belt with the already known 32 mm profile height, but with a new, improved design for an even better performance on site. The name of the new profile is AF.



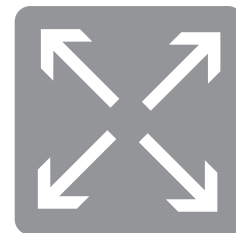
What are the main advantages of the new AF Chevron conveyor belts?



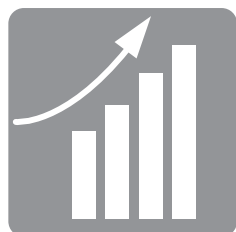
Improved forming of the through on the conveyor.



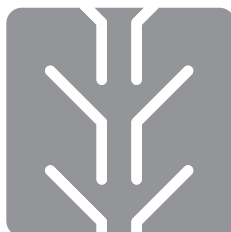
Smoother run on return side – less vibrations, longer service life of the equipment, lower costs.



Better tension distribution and improved crack prevention on chevrons travelling over the drum.



Higher productivity due to improved design and flow of transported material.



Shorter pitch, less material rolling backward.

CHEVRON CONVEYOR BELTS

Type AF - profile height 32 mm

Pattern	Width (B) (mm)	Pattern width (A) (mm)	Freezone width (C) (mm)	Pitch (mm)
AF33	400	330	35	250
	500	330	85	250
AF44	500	440	30	250
	600	440	80	250
	650	440	105	250
AF51	600	510	45	250
	650	510	70	250
	800	510	145	250
AF54	600	540	30	250
	650	540	55	250
	800	540	130	250
AF62	650	620	15	250
	800	620	90	250
	1000	620	190	250
AF72	800	720	40	250
	1000	720	140	250
AF83	1000	830	85	250
	1200	830	185	250
AF94	1000	940	30	250
	1200	940	130	250
AF101	1200	1010	95	250
	1400	1010	195	250
AF112	1200	1120	40	250
	1400	1120	140	250
AF133	1400	1330	35	250
	1600	1330	135	250
AF151	1600	1510	45	250
	1800	1510	145	250
AF161	1800	1610	95	250
	2000	1610	195	250

Typical belt construction:

- EP 250/2 3,5/1
- EP 400/3 3,5/1,5
- EP 500/4 4/2

Cover type:

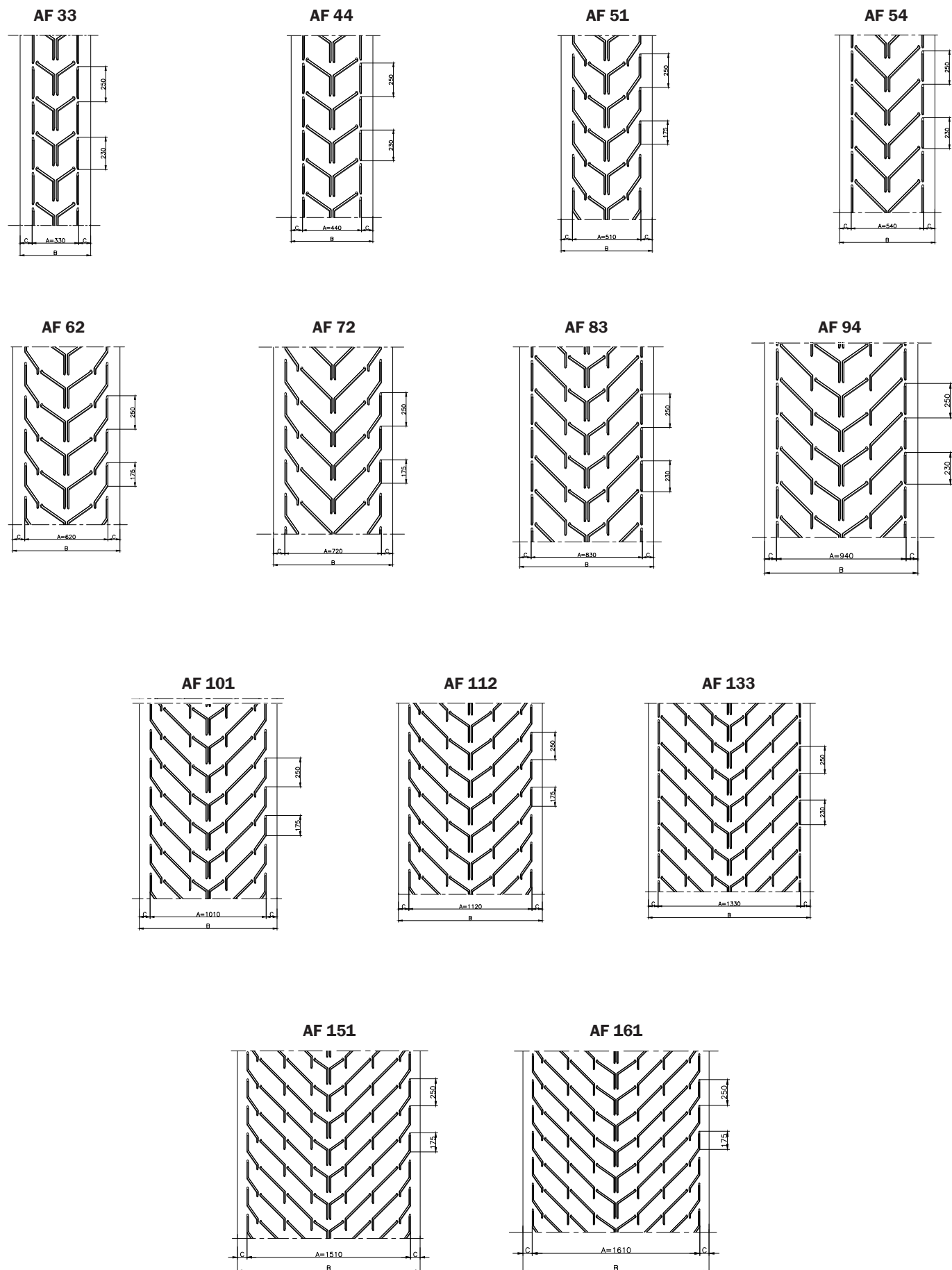
- anti-abrasion
- oil and grease resistant
- heat resistant
- fire resistant
- sliding belts
- food grade

Special application:

- Chevron + Ripcheck
(steel cord reinforcement)

CHEVRON CONVEYOR BELTS

Chevron conveyor belts with AF type profiles



CHEVRON CONVEYOR BELTS

Type F - profile height 32 mm

Pattern	Width (B) (mm)	Pattern width (A) (mm)	Freezone width (C) (mm)	Pitch (mm)
F45	500	450	25	330
	600	450	75	330
	650	450	100	330
F60	650	600	25	330
	800	600	100	330
F70	800	700	50	330
	1000	700	150	330
F90	1000	900	50	330
	1200	900	150	330
F100	1200	1000	100	330
	1400	1000	200	330
F111	1200	1100	50	330
	1400	1100	150	330
F126	1400	1260	70	330
	1600	1260	170	330
F136	1400	1360	20	330
	1600	1360	120	330
F141	1600	1410	95	330
	1800	1410	195	330
F156	1600	1560	20	330
	1800	1560	120	330
F166	1800	1660	70	330
	2000	1660	170	330

Typical belt construction:

- EP 250/2 3,5/1
- EP 400/3 3,5/1,5
- EP 500/4 4/2

Cover type:

- anti-abrasion
- oil and grease resistant
- heat resistant
- fire resistant
- sliding belts
- food grade

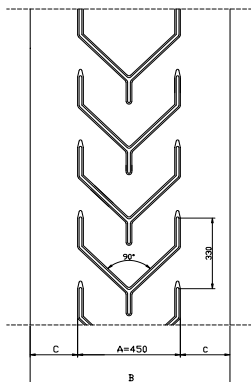
Special application:

- Chevron + Ripcheck
(steel cord reinforcement)

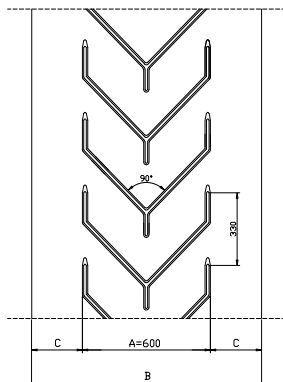
CHEVRON CONVEYOR BELTS

Chevron conveyor belts with F type profiles

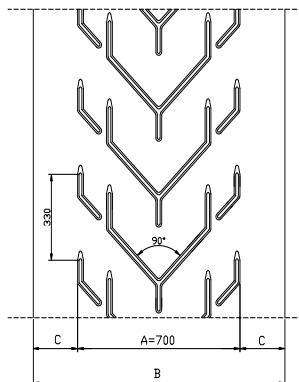
F 45



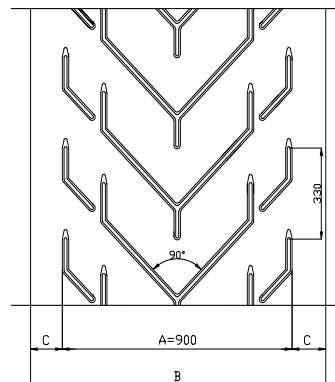
F 60



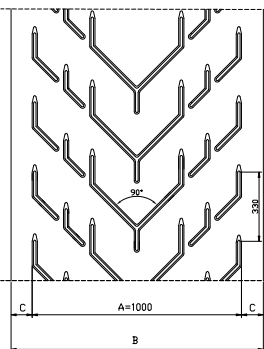
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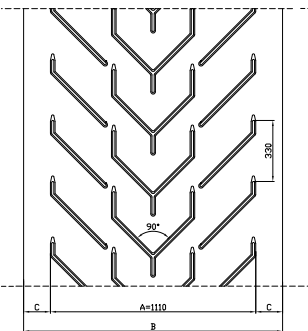
F 90



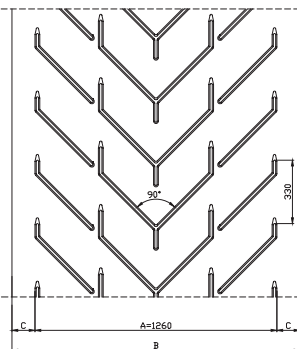
F 100



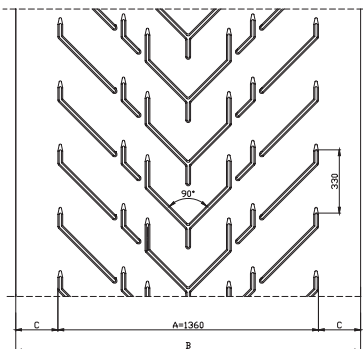
F 111



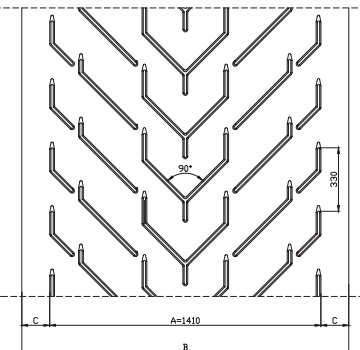
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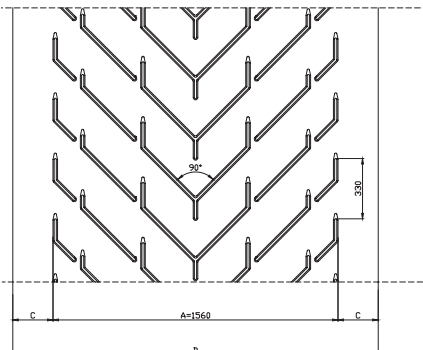
F 136



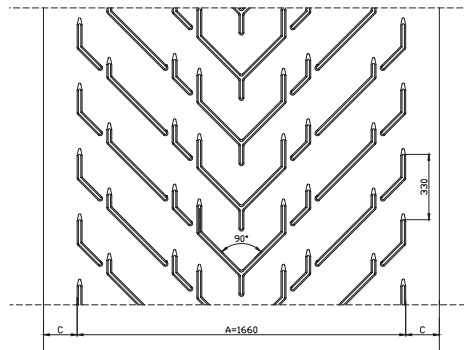
F 141



F 156



F 166

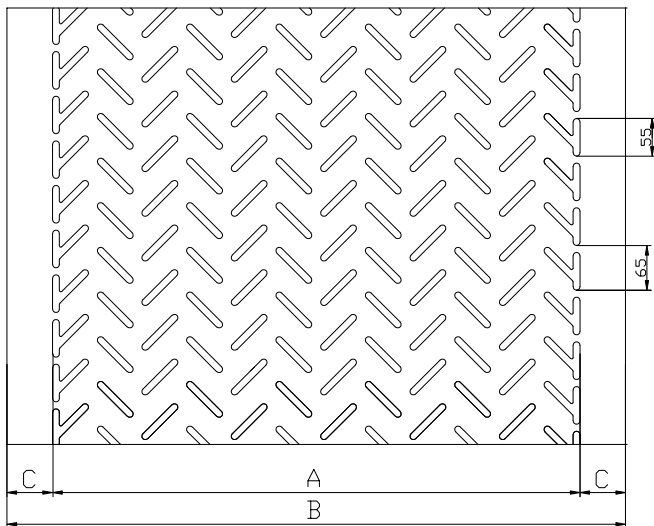


CHEVRON CONVEYOR BELTS

Type L - profile height 8mm (reversible)

Pattern	Width (B) (mm)	Pattern width (A) (mm)	Fleezone width (C) (mm)	EP 400/3 3,5/1,5	EP 500/4 4/2
L 38	500	380	60		
L 51	650	510	70		
L 64	800	640	80		
L 77	1000	770	115		
L 103	1200	1030	85	Only on request	
	1400	1030	185		
L 142	1600	1420	90		
	1800	1420	190		
	2000	1420	290		

Chevron conveyor belts are also available in combination with Ripcheck and in different rubber cover types.



Application: Suitable for transport of grains, woodchips, fertilizers, etc..



Special purpose conveyor belts

SPECIAL PURPOSE CONVEYOR BELTS

AGRICULTURE & FOOD PROCESSING CONVEYOR BELTS

Conveyor belts play an important role in the agriculture and food processing industries. When conveying products that are intended for human consumption, the use of regular black conveyor belts is inappropriate. It is important, that conveyed products are not contaminated by the belt itself and that any particles released from the belt are safe for human health. Conveyor belts are used in most stages of agriculture and food processing industry from harvesting, washing, processing, storage handling to food packaging. We produce a wide range of conveyor belts for use in highly standard-driven food producing industries and agriculture.

Our food grade conveyor belts and rubber sheets meet requirements of:

- Framework regulation (EC) 1935/2004
- German Federal Institute for Risk Assessment (BfR)
- Food and Drug Administration (FDA)
- German Committee for Product Safety (AfPS – GS Specification)



Food/harvest	Recommended belt type	Colour	Properties
FRUITS & VEGETABLES	SAVAGREEN belt	green	food grade
FRUITS & VEGETABLES (if oil resistance required)	SAVAGREEN MOR belt	green	food grade, oil resistant
MEAT & FISH	SAVABLUE MOR belt	blue	food grade, oil resistant
FROZEN FOOD	SAVABLUE MOR belt	blue	food grade, oil resistant, low temperature
NUT PROCESSING	SAVAWHITE MOR belt	white	food grade, oil resistant
REFINED SUGAR & FINE FLOUR	SAVAWHITE SB-K belt	white	food grade, antistatic, oil resistant, fire resistant
REFINED SUGAR & FINE FLOUR	SAVAWHITE SB-K T1 belt	white	food grade, antistatic, oil resistant, fire retardant, temperature resistant
RICE & CEREALS PROCESSING	SAVAWHITE MOR belt	white	food grade, oil resistant
SALT	SAVAWHITE belt	white	food grade
SUGAR BEET, RAPE, POTATO, BAGASSE (and other whole, unpared vegetables)	Flat or Chevron belt	black	anti-abrasive
GRAIN	Flat or Chevron belt	black	anti-abrasive
GRAIN (if oil resistance required)	Flat or Chevron belt	black	oil resistant
MIXED GRAIN HANDLING & STORAGE (SILOS)	KMOR belt, KGMG belt	black	fire retardant, oil resistant
HAY & STRAW	Finegrip round baler belt	black	anti-abrasive
PACKAGING IN FOOD PROCESSING INDUSTRY	Supergrip green belt	green	food grade

Further information available upon request.

SPECIAL PURPOSE CONVEYOR BELTS

AGRICULTURE & FOOD PROCESSING CONVEYOR BELTS

Savagreen conveyor belts

Among different types of conveyor belts we also offer a special food grade rubber conveyor belt, developed for transportation of olives, tomatoes, grapes, apples and for other similar applications where natural and non-toxic materials in production process should be used. Since belts are of distinctive green colour, they are named Savagreen belts.

Savagreen belts are available as smooth or Chevron belts with a great varieties of profiles in different constructions and widths ranging from 400 mm to 2.100 mm. They are available in oil and grease resistant quality too.

Savagreen belts are produced according to EU regulations for the materials which come into contact with food and meet EU requirements concerning food safety.

Our Savagreen conveyor belts for food transport received an award for technological innovation at the 2013 Expoliva fair in Spain.



Savawhite SB-K conveyor belts

Special conveyor belts should be used when transporting powdered food ingredients. Our Savawhite SB-K rubber conveyor belt is food grade according to FDA and German Federal Institute for Risk Assessment, antistatic (according to EN ISO 284) as well as fire and flame resistant (according to EN ISO 340).

Thanks to the combination of these characteristics this belt can be used in hazardous, closed and dusty environments where static electricity could cause major explosions and where food for human consumption is processed. Such environments are very common in transportation of crystallized sugar, cereals in silos, salt, rice and other dust generating crops for human and animal consumption.

Savawhite SB-K belt types:

- SB-K (standard SB-K belt)
- SB-K T1 (temperature resistant SB-K belt)
- SB-K MOR (oil and grease resistant SB-K belt)



SPECIAL PURPOSE CONVEYOR BELTS

CONVEYOR BELTS FOR RECYCLING INDUSTRY

With increasing environmental awareness, grows the importance of recycling as well. We offer a wide range of conveyor belts suitable for many recycling applications. Regardless of whether you need to recycle construction material (concrete, stone, asphalt, wood...) or municipal waste, we can offer the solution that best complies with your requirements.

Recycling of construction material

Belts used in recycling of construction material should be highly resistant to abrasion, cuts and impacts, while for steep-incline conveying, Chevron belts with various profile heights are the right choice.

Some typical applications with the most common conveyor belts:

- asphalt and stone recycling on mobile crushers: Ripcheck conveyor belts, Chevron conveyor belts or combination of both
- screening machines in quarries: Ripcheck, smooth, Chevron conveyor belts



Green waste recycling / biomass processing

Green waste recycling / biomass processing requires belts that are resistant to resin and other oils contained in wood. Smooth or Chevron belts (types A, AH, AF, F, Noppen), Ripcheck and sliding conveyor belts would be a good choice for this application.

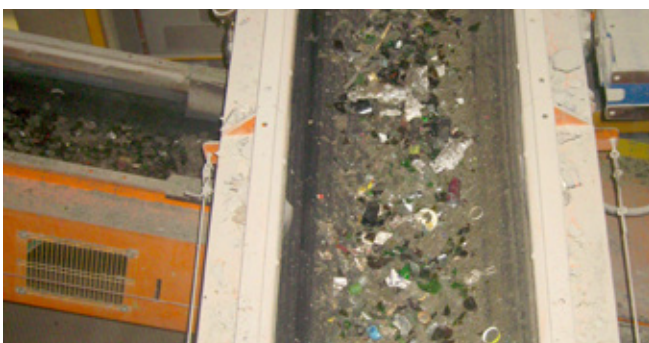


Recycling of municipal waste

Municipal waste usually contains substantial amounts of different oils, greases and other aggressive chemicals to which conveyor belts must be resistant. Depending on the amount and types of aggressive chemicals contained in waste, we can offer conveyor belts with different levels of oil, grease and chemical resistance.

Most common types of conveyor belts used in recycling plants:

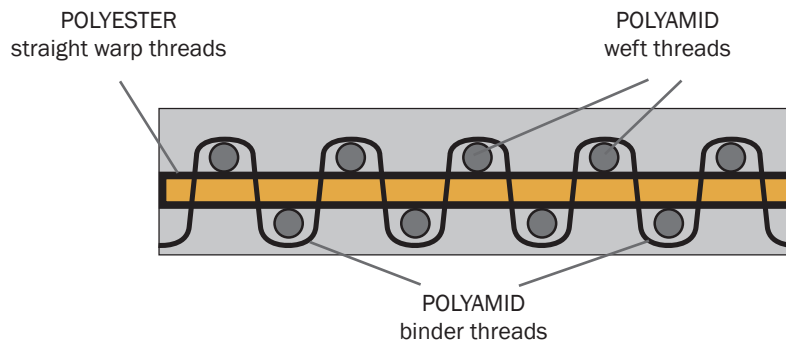
- smooth oil resistant conveyor belts with top and bottom covers as well as in sliding version for belts running on a metal/plastic table
- chevron belts in oil resistant qualities for inclined waste transport with top and bottom covers as well as in sliding version for belts running on a metal/plastic table
- high abrasion resistant conveyor belts for transport of glass in recycling plants



SPECIAL PURPOSE CONVEYOR BELTS

SAVAFLEX CONVEYOR BELTS

Savaflex is a special type of conveyor belt produced with EPP straight warp fabrics. Such belt is the best choice in areas where low maintenance as well as strong impact resistance is required. Compared to the traditional multiply conveyor belts, Savaflex conveyor belts are thinner and lighter, which is why they are energy-efficient and ideal for smaller drum diameters.



The main advantages of Savaflex belts vs. normal EP belts:

- longer belt life – lower replacement frequency
- lower operating cost because of lower belt weight
- lower thickness & weight of the belt with the same tensile strength
- smaller pulley/drum diameter
- greater rip, tear and impact resistance
- low stretch and elongation because of straight warp
- excellent load support, troughability and tracking
- more balanced conveyor belt

Comparison between EPP and EP carcass:

Strength	400		630	
	EPP 400/1	EP 400/3	EPP 630/1	EP 630/4
Construction				
Thickness of carcass (mm)	2,45	2,9	3,35	4,4
Weight of carcass (g/m ²)	1590	3200	2000	4900

Belts can be spliced either using a mechanical or finger splicing method.

Belt constructions:

Savaflex I (1 ply): EPP400/1, EPP500/1, EPP630/1, EPP800/1

Savaflex II (2 ply): EPP1000/2, EPP1250/2, EPP1600/2

Width: max. 1.900 mm

SPECIAL PURPOSE CONVEYOR BELTS

STEELMAT CONVEYOR BELTS

Steelmat conveyor belts are considered as an alternative to textile carcass belts produced with special metal cord used for long-haul conveyors or heavy-duty applications. Due to its great flexibility, they can be used at applications with smaller pulley diameters in combination with high strength.

Steelmat conveyor belts are suitable for:

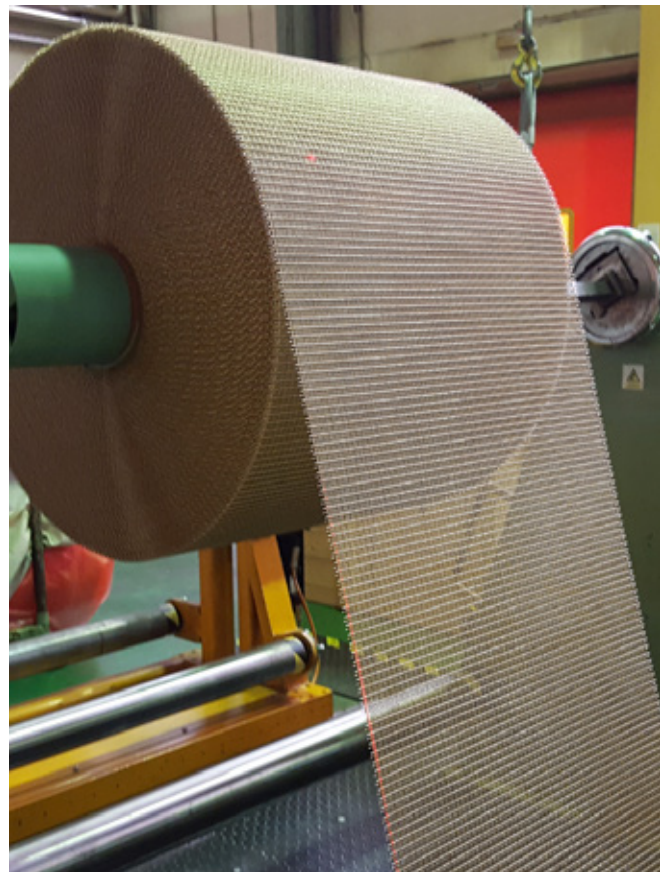
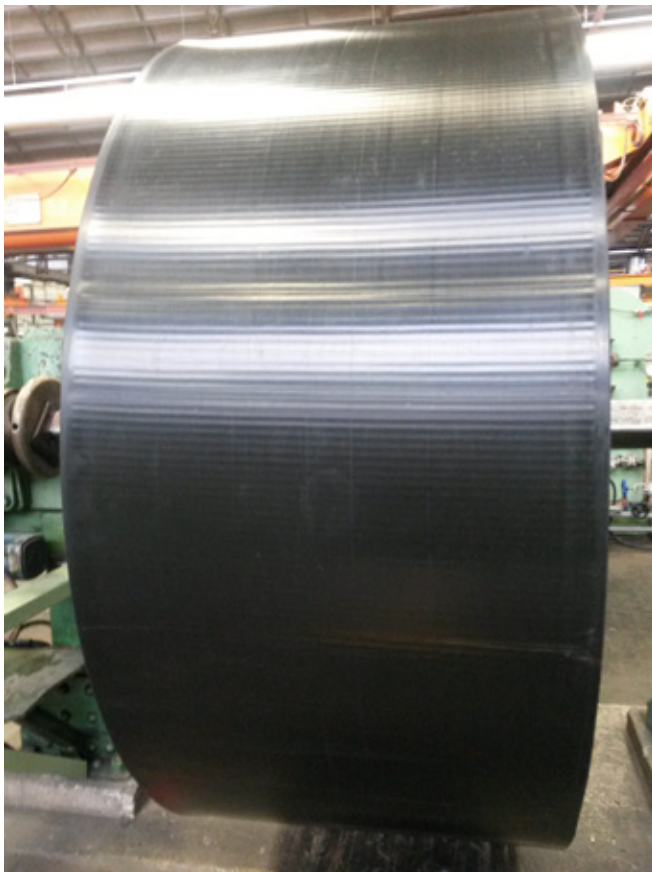
- conveyors with long center distance due to low elongation of metal cord
- heavy-duty applications due to high impact resistant metal cord
- elevator belts with bucket attachment
- belts with high lateral stability

Steelmat conveyor belts available in following cover types:

- anti-abrasion
- temperature resistant
- PAH free (free of polycyclic aromatic hydrocarbons)
- other qualities upon request

Steelmat cord types	Warp	Weft	Belt range (N/mm)	Application
IW	E	HE	350-1600	Conveyors designed for textile or steel reinforced belts.
IW-R	R	HE	630-2000	Long-haul conveyors.
SW-HE	E	HE	350-2000	Elevator belt, cross-stable belts.
SW-RE	E	RE	350-2000	Elevator belts with bucket attachment.

Other belts range on request.

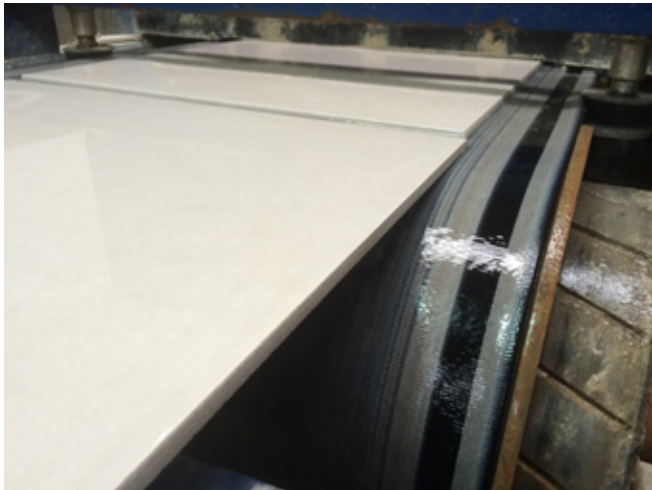


SPECIAL PURPOSE CONVEYOR BELTS

CONVEYOR BELTS FOR SPECIFIC APPLICATIONS

Conveyor belts for stone, marble and ceramics processing industry

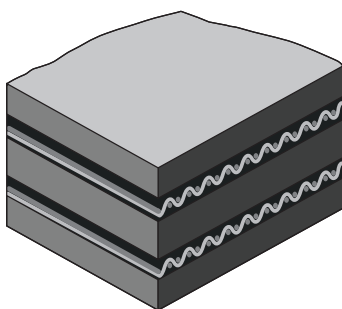
Stone, marble and ceramics processing industries require special conveyor belts with low thickness tolerances that can handle heavy loads and ensure strong grip between the transported material and the conveyor belt in any part of the process – cutting, polishing or sizing. We produce sliding finegrip conveyor belts that perfectly comply with these requirements.



Cross-stable conveyor belts

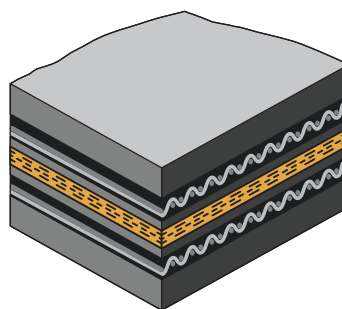
Cross-stable conveyor belts are used in applications such as sliding conveyor belt or a base belt for corrugated sidewall conveyor belts (with top and bottom covers), which are used for vertical conveying (sharp upturns). These types of belts should remain rigid throughout the width (weft direction) and should not form any trough like conventional conveyor belts do. They are flexible along the belt's length (warp direction) which ensures smooth operation over the conveyor drums and pulleys.

We offer different types of cross-stable conveyor belts:



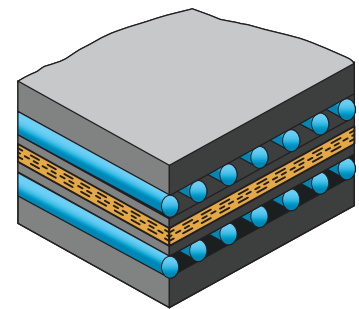
Type EMF

Consists of EMF textile layers.



Type XE

Combination of EP textile carcass in the middle and EMF textile on top and bottom.



Type XE-SC

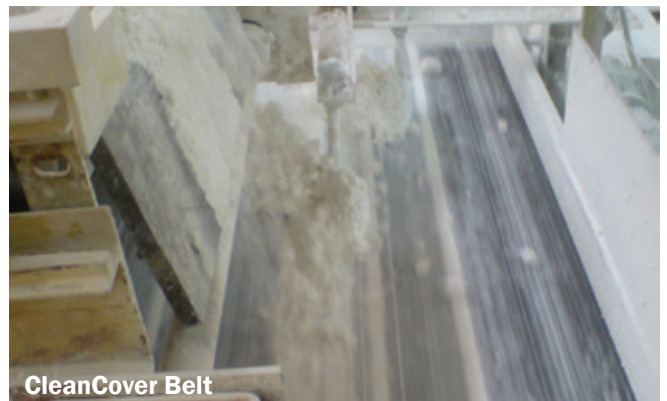
Combination of EP textile carcass in the middle and steel cord layers on top and bottom.

SPECIAL PURPOSE CONVEYOR BELTS

CLEANCOVER CONVEYOR BELTS



Standard belt



CleanCover Belt

One of the biggest problems with transportation of bulk material is sticking of material to the belt surface. The result is a large and undesired amount of material on the conveyor belt's underside, which disturbs and interrupts its continuous operation. Uninterrupted operation is only possible if the belt is being continually cleaned, for instance with scraping devices, but often even such scrapers cannot guarantee fault-free operation.

Therefore, our engineers have developed a new type of special rubber compound that reduces sticking of material to the belt's surface. It provides CleanCover belts with very good anti-sticking characteristics, which allows to reduce the pressing force of scrapers, thereby substantially extending the service life of the belts.

CleanCover belt properties:

Property	CleanCover belt
CARCASS	Various tensile strengths of fabric and number of plies available.
COVER	Various thickness of upper and lower cover available.
TYPE OF COVER	High abrasion resistant cover - CC type; extremely abrasion resistant cover - CC WLH, oil and grease resistant cover - CC MOR type
CLEANING	Cleaning of the belt possible with all systems of cleaning including rubber, polyurethane, metal and brush (rotation) cleaners.
AMBIENT TEMPERATURE (°C)	From -40 to +80.
DURABILITY	CleanCover belt has anti-sticking characteristics through the cross-section, therefore it can be used through the entire thickness of the cover. With the new cover type the pressing force of scrapers can be reduced to prolong the belt's service time.
SPLICING	Cold splicing, hot splicing or with mechanical fasteners.
SPECIAL TYPE	Sliding conveyor belts, Ripcheck, Noppen belts and other types on request.
CC	Suitable for conveying sticky materials such as: clay, sand and gravel, tailing and mud, REA gypsum, cement, titanium dioxide and other materials.
CC WLH	Suitable for conveying extraordinary abrasive sticky materials such as sand, concrete, bauxite or wear due to belt cleaning. This belt type provides longer service life in application where slightly higher forces of scrapers are necessary.
CC MOR	Moderately oil resistant cover, suitable for conveying sticky products with a low content of animal and vegetable fats and oils such as waste, compost, fertilizers and other materials.

The advantages of CleanCover belts:

- various belt constructions (tensile strength of fabric, number of plies, thickness of cover) are available
- suitable for conveying of highly abrasive (CC type, CC WLH type) as well as for material containing oil and grease (CC MOR type)
- cleaning with rubber, polyurethane, metal and brush (rotation) cleaners
- the reduced pressing force of scrapers due to good anti-sticking properties of our CleanCover belts
- anti-sticking properties are retained throughout the cover thickness
- splicing with hot vulcanisation, cold vulcanisation or with mechanical fasteners
- suitable for special applications as well as for sliding belts, Ripcheck, Noppen belts and other types on request

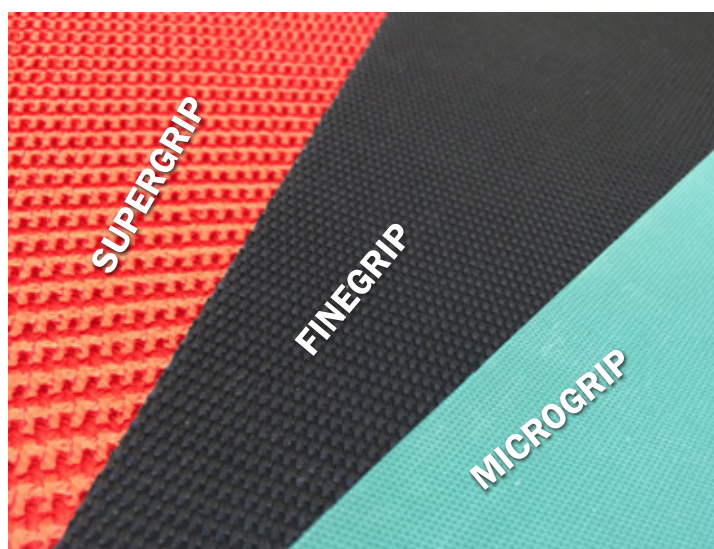
The background features three distinct textures: a teal-colored smooth surface on the left, a red textured surface on the top right, and a blue grid-patterned surface on the bottom left. A diagonal teal band separates the smooth teal area from the red textured area.

Technical rubber sheets

TECHNICAL RUBBER SHEETS

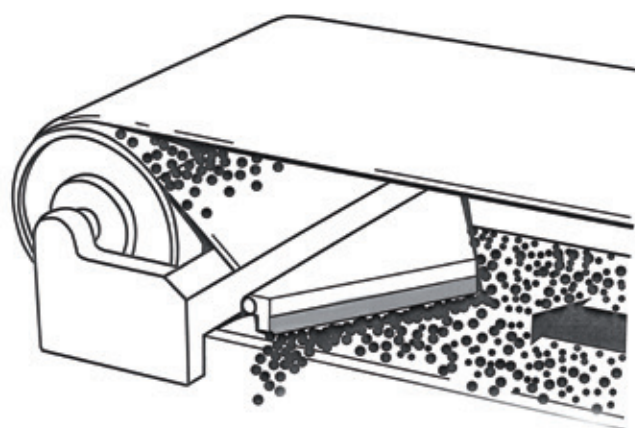
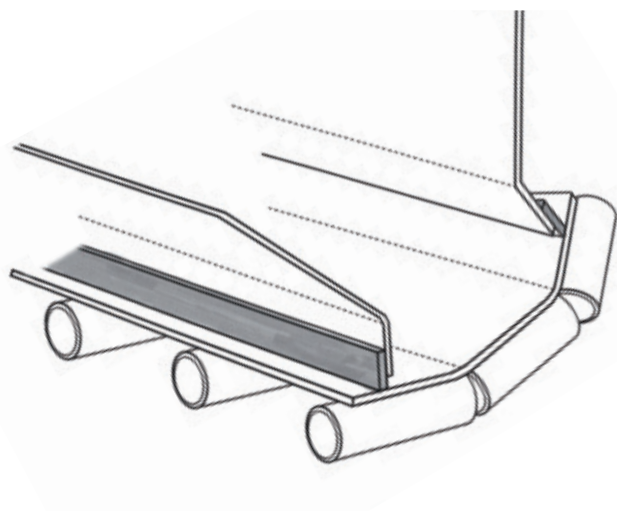
We offer a wide range of technical rubber sheets in various elastomer types, dimensions and hardness grades.

Thickness	standard range from 0,5 mm to 40 mm
Width	standard range from 1000 mm to 1600 mm, on request up to 2000 mm
Length	rolls from stock: 10-50 m; minimum production length for special orders: <ul style="list-style-type: none"> • 100 m (thicknesses 0,5 mm-15 mm) • 50 m (thicknesses 20 mm-40 mm)
Fabric	with or without fabric plies
Surface	smooth (one or both sides) or textile pattern (one or both sides): <ul style="list-style-type: none"> • Supergrip • Finegrip • Microgrip
Bonding layer	rubber sheets with or without CR layer (chloroprene rubber)



Application:

- conveyor belts cleaners
- drum lagging
- mechanical protection against impacts
- protection against heat, vibrations, noise and humidity
- electric insulation and antistatic protection
- washers
- gaskets
- anti-dust covers, tank covers, curtains
- lining



TECHNICAL RUBBER SHEETS

TYPE OF TECHNICAL RUBBER SHEETS

Type	Elastomer	Product - application	Properties
A	NR - natural rubber	P40 orange red: food grade, used in food industry for gaskets that come into contact with food A35 black: dust sealing, used in cement plants for shredding stones as anti-dust cover A40 red or grey: non-staining, used for washers A65 black: non-staining, abrasion-resistant (max 120 mm ³), smooth or fabric impression pattern	<ul style="list-style-type: none"> - good elasticity and flexibility - high physical and mechanical values - resistant to diluted acids and bases, salt - not resistant to gasoline and oils
B	SBR - styrene butadiene rubber	B55: used for cleaners B60 standard and W black: abrasion-resistant rubber B63 WL: abrasion-resistant (max. 55 mm ³) B67 black: antistatic quality (max. 5000 Ω), used in gas work plants, lacquering plants, precision mechanical workshops for lining to prevent discharges of static electricity B70 grey: electric-insulation, 35kV and 50kV, used in electrical industry, in transformers for lining to prevent electrical conduction B75: high elasticity and hardness	<ul style="list-style-type: none"> - quite good temperature resistance - good mechanical properties - resistant to diluted acids and bases, salt - not resistant to gasoline and oils
C	NBR - acrylonitrile rubber	C60 blue: medium oil and grease resistant + food grade C70 black: oil and grease resistant quality, used in automotive and processing industry for gaskets that come into contact with oils, fat and gasoline	<ul style="list-style-type: none"> - good mechanical properties - resistance to vegetable and mineral oils - resistant to gasoline with not more than 30% aromats - low elasticity - weaker ozone existence
CI IIR	IIR - butyl, CI IIR - cyclobutyl rubber	CI IIR45 black: resistant to acid and heat, used in chemical factories and water treatment plants for gaskets and tank coverings	<ul style="list-style-type: none"> - good temperature resistance - good ozone existence - resistant to polar solutions - resistant to acids and bases - not resistant to gasoline and oils
D or CR	CR - chloroprene rubber	CR layer for very good adhesion properties (used for drum lagging or other technical rubber sheets)	<ul style="list-style-type: none"> - high physical and mechanical values - good ozone existence - resistant to aliphatic oils - not resistant to gasoline
E	EPDM - ethylene propylene rubber	E60 black: ozone and heat resistant with or without EP ply, used in building industry in flooring installation and roof covering as gaskets, coverings, dilatations; rubber sheets with EP ply used production of agricultural machinery and wood processing industry as curtains for the machines or wood drying rooms	<ul style="list-style-type: none"> - good temperature resistance - good ozone existence - resistant to polar solution

TECHNICAL RUBBER SHEETS

APPLICATION-SPECIFIC TYPES

When choosing from many types of technical rubber sheets we offer, it is important that you know which type is most suitable for your specific application. For this reason, we are listing some of the most common applications where our technical rubber sheets can be applied.

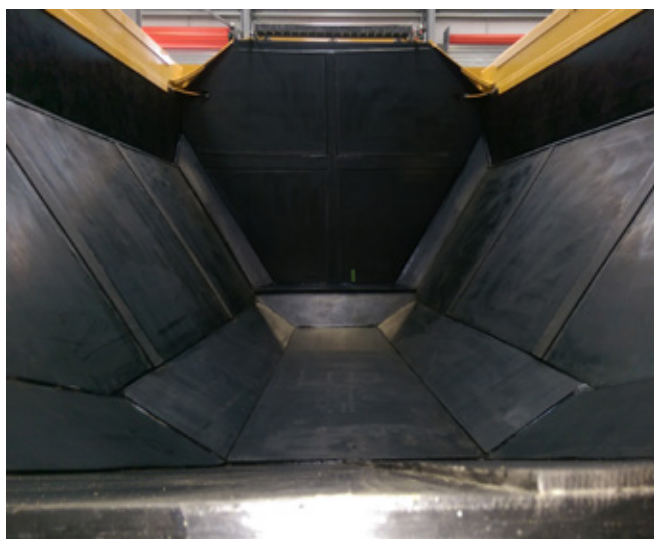
Rubber lining

Our technical rubber sheets can be used as lining material for trucks, pipes, drums, etc., with the main goal of protecting the basic construction against either wear or corrosion damage.

Abrasion and wear protection

If you need to protect your medium against abrasion and wear you can choose from the following qualities of our technical rubber sheets:

Designation	Elastomer	Colour	Hardness (+/-5 Sh ° A)	Max. abrasion (mm ³)
A35	NR	black	35	120 / 5N
A40	NR	red	40	80 / 5N
A48	NR/SBR	red	48	180
TR50	NR/SBR	green	48	180
B55	SBR	black	53	180
B60-Y	SBR	black	60	130
B60-W	NR/BR/SBR	black	60	90
B63-WL	BR/NR	black	62	55
B65	SBR	black	65	160



TECHNICAL RUBBER SHEETS

APPLICATION-SPECIFIC TYPES

Corrosion and chemical protection

For corrosion and chemical protection, we offer the following technical rubber sheets qualities:

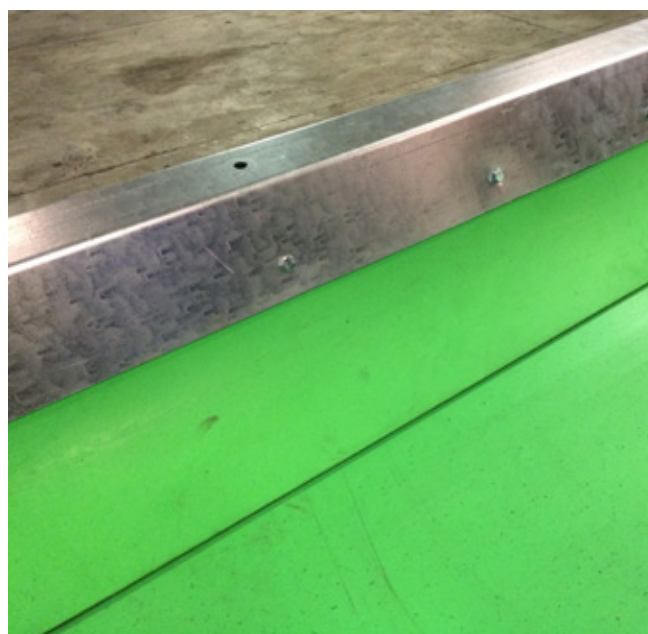
Designation	Elastomer	Colour	Hardness (+/-5 Sh ° A)	Properties
C70	NBR	black	68	oil and grease resistant
CI IIR45	CI IIR	black	46	resistant to acid and temperatures up to 180 °C
D68	CR/BR	grey or black	68	resistant to sea water and ozone
E60	EPDM	black	61	ozone resistant

Skirting boards and cleaners

Material usually travels fast on conveyor belts, especially in the area of loading and unloading chutes. As material spillage occurs very easily in those parts of conveyor, a spillage prevention system has to be installed.

Technical rubber sheets can be used as skirting boards, which direct material on conveyor belt and thus prevent its spillage and risks of operational breakdowns.

When transporting sticky materials, it is of great importance to ensure cleanliness of the structure and the belt itself for their long life span. For this reason, conveyor belt cleaners are used on different parts of conveyor to clean the belt and prevent material build-up on either the conveyor belt or the conveyor structure (drums, rollers, etc.). Our rubber sheets are suitable for such applications, too.



Designation	Elastomer	Colour	Hardness (+/-5 Sh ° A)	Max. abrasion (mm ³)
A35	NR	black	35	120 / 5N
A40	NR	red	40	80 / 5N
A48	NR/SBR	red	48	180
TR50	NR/SBR	green	48	180
B55	SBR	black	53	180
B60-Y	SBR	black	60	130
B60-W	NR/BR/SBR	black	60	90
B65	SBR	black	65	160

TECHNICAL RUBBER SHEETS

APPLICATION-SPECIFIC TYPES

Drum/pulley lagging

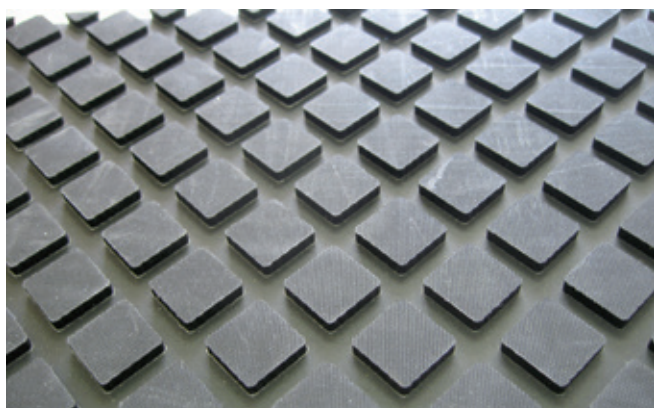
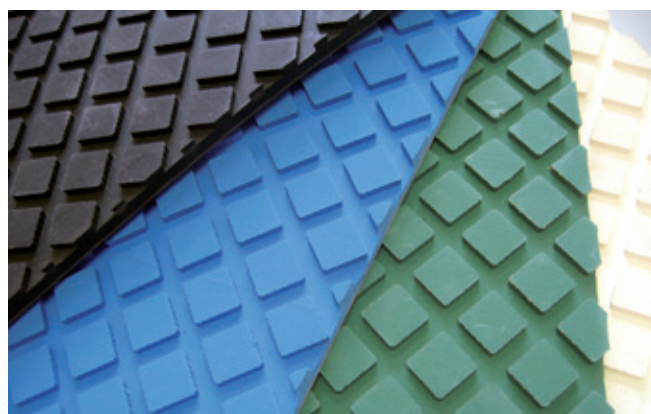
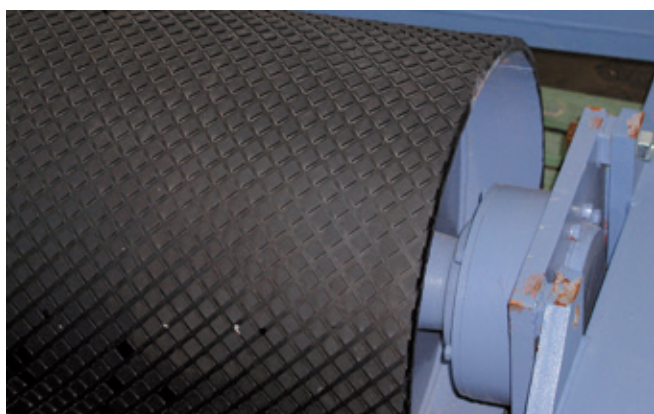
Good friction between conveyor belt and their leading components (drive drum, tail drum) has to be achieved for smooth operation (straight run, no belt slipping, etc.). The best possible friction is achieved if drums are lined with special type of rubber material – drum lagging (or pulley lagging).

We offer drum lagging in mini square pattern in abrasion resistant black rubber, oil resistant/food grade quality blue rubber, green or white rubber.

Drum lagging can be produced also with special grey chloroprene rubber layer on the bottom (called also CR or bonding layer). Due to its great adhesion properties, it is perfect for bonding drum lagging rubber to the metal surface of conveyor drums.

The following table shows our drum lagging assortment with available thicknesses and widths:

		Typical roll dimensions			
Pattern	Designation	Hardness (+/-5 sh °a)	Thickness (mm)	Width (mm)	Lenght (m)
MINI SQUARE	B60 standard	60	8 - 15	1600 and 1800	10 - 50
	C60 blue, MOR+FDA	58	8 - 10	1600 and 1800	
	TR50 green	48	8 - 10	1600 and 1800	
	B60-W	60	8 - 15	1600 and 1800	
	B60-WL	62	8 - 15	1600 and 1800	



Mini square

TECHNICAL RUBBER SHEETS

SPECIAL PURPOSE

So far we have presented the most typical types of technical rubber sheets and applications; however, this is just one part of our product assortment. We further offer many special types of technical rubber sheets for very specific applications, described below.

Rubber sheets for food processing industry

Like conveyor belts, also rubber sheets play an important role in the agriculture and food processing industry. Regular black rubber sheets are appropriate only for use in the initial stages of food production process, for example when harvesting crops from fields. In later stages, special types of food grade rubber sheets should be used. Engineers have therefore developed different types of food grade rubber sheets to meet the needs of food processing industry.

Designation	Elastomer	Colour	Hardness (+/-5 Sh ° A)	Application
P40	NR	red	40	Gaskets, skirt boards, protection in food processing industry.
B60-Savagreen	SBR/EPDM	green	60	Skirt boards and cleaners in food processing industry and agriculture.

Rubber sheets for electrical insulation

Rubber can act as a good insulator and is suitable for use in the electrical industry. Our engineers have developed a special product used for rubber lining - B70, which prevents electrical conductivity in two strengths: the first approved up to 35kV and the second approved up to 50kV. They are produced in grey rubber according to SIST EN 60243-1:2001 standard.

Designation	Elastomer	Colour	Hardness (+/-5 Sh ° A)	Properties	Application
B70	SBR	grey	70	electrical insulation	Power stations, transformers.



TECHNICAL RUBBER SHEETS

SPECIAL PURPOSE

Fire resistant and antistatic protection rubber sheets

Some environments, such as underground mines, closed conveyors, steel factories, foundries, etc., require fire resistant rubber sheets. Our B62-K rubber sheets are ideal for use in such applications.

Another product we supply is the B67 rubber sheet with antistatic properties. This rubber sheet can be used as a lining for prevention of static electricity discharge in environments where such discharge could lead to fatal consequences, e.g. in precision mechanical workshops, lacquering plants, gasworks, etc..

Designation	Elastomer	Colour	Hardness (+/-5 Sh ° A)	Properties	Application
B62-K	SBR/BR	black	63	fire resistant	Environments with potential fire danger due to friction or flame (underground mines, closed conveyors, steel factories, foundries). Used also as fire resistant drum lagging.
B67	SBR	black	67	antistatic according to ISO 284	Gas companies, paint shops.

Rubber sheets for wood drying chambers

If ozone and heat resistant technical rubber sheets are required in the application, we can offer EPDM rubber. Such a product (usually textile reinforced) is used as a curtain in wood drying chambers, machines, etc.. Rubber sheets without a textile reinforcement can be used as gaskets, coverings or dilatations in the building industry.

Designation	Elastomer	Colour	Hardness (+/-5 Sh ° A)	Properties	Application
E60	EPDM	black	61	ozone and heat resistant up to 150 °C	Curtains (with textile reinforcement) are used in wood drying chambers, warehouses. Rubber sheets without textile reinforcement are used as gaskets, coverings or dilatations in building industry.

Non-staining and non-marking rubber sheets

For applications where non-staining and non-marking black rubber sheets are required we can offer our A65 rubber sheet.

Designation	Elastomer	Colour	Hardness (+/-5 Sh ° A)	Max. abrasion (mm ³)	Application
A65	NR	black	65	120	Abrasion and wear protection where non-staining and non-marking black rubber sheet is required.

TECHNICAL RUBBER SHEETS

SPECIAL PURPOSE

Extremely abrasion resistant rubber sheets

We produce extremely abrasion and wear resistant rubber sheets B63-WL SUPRA.

Designation	Elastomer	Colour	Hardness (+/-5 Sh ° A)	Max. abrasion (mm ³)	Application
B63-WL SUPRA	NR/BR/SBR	black	64	40	Abrasion and wear protection against extremely abrasive materials.

Rubber sheets for gaskets, sealing systems

When searching for appropriate rubber sheets for sealing purposes, we can offer many different types. With regard to the conditions in which gaskets will be used, they can be supplied in oil resistant or food grade quality. Rubber sheets for use in dust sealing systems are available too.

Designation	Elastomer	Colour	Hardness (+/-5 Sh ° A)	Application
C70	NBR	black	68	As gaskets in contact with oils and grease.
P40	NR	red	40	As gaskets in food processing industry.
A35	NR	black	35	Dust sealing systems.

Rubber sheets used in screening systems

Rubber sheets used in screening systems can be produced with or without a textile ply. Maximum thickness of the screening rubber is 60 mm.

Custom-made rubber sheets

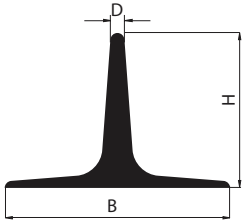
Some specific applications may require unique technical rubber sheets, which are not included in this catalogue. Those requirements might refer to special dimensions, elastomer types, special textiles, etc.. Please contact us and we will be glad to prepare a special offer that will best comply with your requirements.



Cleats and profiles

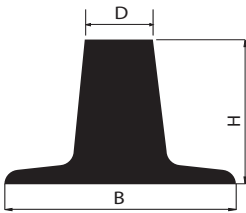
CLEATS AND PROFILES FOR CONVEYOR BELTS

Standard T cleats



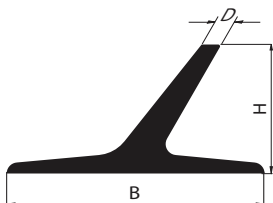
Designation	H (mm)	B (mm)	D (mm)	Code	Lenght (m)	Pulley Diameter min Ø (mm)	Packed
T 20	20	40	4	02 165 B6	5	160	5 × 5 m
					20		2 × 20 m
T 25	25	40	4	02 228 B6	5	160	5 × 5 m
T 35	35	70	4.6	02 230 B6	5	160	5 × 5 m
T 40	40	70	4.6	02 162 B6	5	160	5 × 5 m
T 55	55	80	5	02 163 B6	5	160	5 × 5 m
T 60	60	80	4.2	02 211 B6	5	160	3 × 5 m
T 75	75	100	7	02 167 B6	5	200	3 × 5 m

Block T cleats



Designation	H (mm)	B (mm)	D (mm)	Code	Lenght (m)	Pulley Diameter min Ø (mm)	Packed
TB 20	20	40	8	02 158 B6	5	160	5 × 5 m
TB 30	30	40	8	02 102 B6	5	160	5 × 5 m
TB 40/1	40	80	10	02 173 B6	5	160	5 × 5 m
TB 40/2	40	110	20	02 198 B6	5	160	3 × 5 m
TB 50	50	80	25	02 227 B6	5	200	3 × 5 m

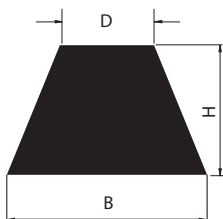
Inclined C cleats



Designation	H (mm)	B (mm)	D (mm)	Code	Lenght (m)	Pulley Diameter min Ø (mm)	Packed
C 35/1	35	55	4	02 237 B6	20	160	1 × 20 m
C 35/2	35	70	5	02 221 B6	5	160	5 × 5 m
C 55	55	90	7	02 210 B6	5	200	3 × 5 m
C 75	75	90	7	02 171 B6	5	200	3 × 5 m

CLEATS AND PROFILES FOR CONVEYOR BELTS

V guide profiles



Designation	H (mm)	B (mm)	D (mm)	Code	Length (m)	Packed
K 13/1	8	13	7.2	10 106 B6	100	1 × 100 m
K 13/2	9	13	8	09 189 B6	100	1 × 100 m
K 16	12	16	10	09 190 B6	100	1 × 100 m
K 17	11	17	8	10 101 B6	100	1 × 100 m
K 23	16	23	10	09 191 B6	50	1 × 50 m

Dimensional tolerances:

If no reference is made to measurement tolerances in drawings, the E3 class of ISO3302-1 standard applies.



Notes



Trelleborg Slovenija, d.o.o.
PA Conveyor belts

Trelleborg Slovenija d.o.o., (former Savatech d.o.o.), was established in 1948. Product range covers conveyor belts for general purpose applications, a wide range of Chevron conveyor belts, special purpose conveyor belts and different kinds of technical rubber sheets. We always strive to satisfy our customers' needs and expectations, which helps us maintain a strong position on global market.

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General purpose conveyor belts | Fire and flame resistant conveyor belts | Oil and grease resistant conveyor belts
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Supergrip, Finegrip and Noppen conveyor belts | Pipetype conveyor belts | Chevron conveyor belts
Special purpose conveyor belts | Technical rubber sheets | Cleats and profiles

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