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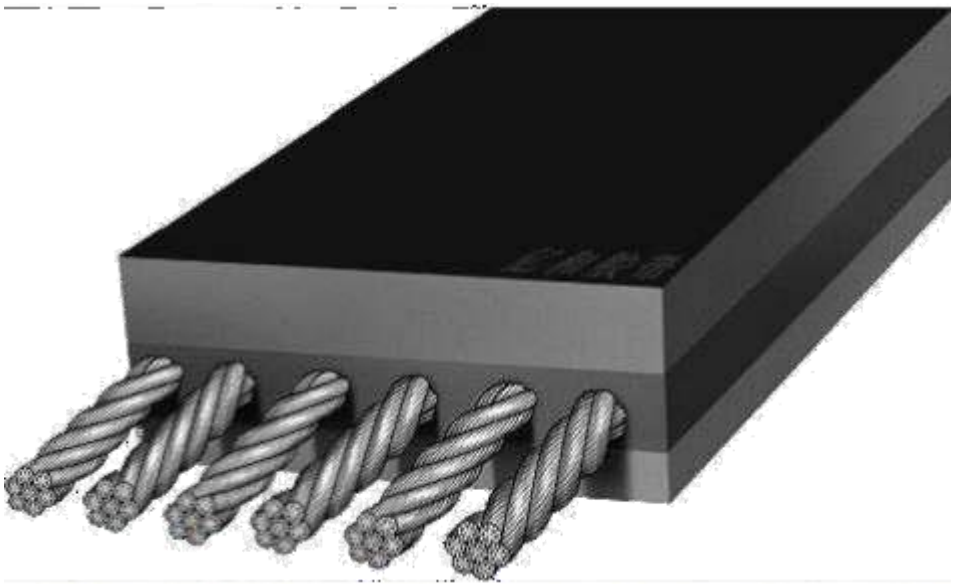
 **AGRICULTURE**	 **CHEMICAL**
 **PORT**	 **RECYCLING**

Products



Steel Cord Conveyor Belt

General Use Steel Cord Conveyor Belt

Usage & Structure

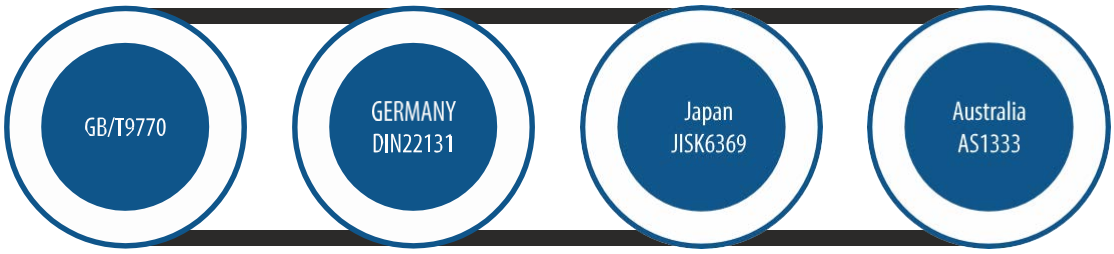
Used in industries including mining, port operations, metallurgy, power plants, chemical plants, etc., the steel cord conveyor belt is extensively used.

The top cover, bottom cover, steel cord carcass, skim rubber, and edge rubber make up the steel cord conveyor. The steel cord conveyor belt is appropriate for moving lumpy or granular goods under demanding circumstances involving long distances and high capacity.

Advantages

- High strength
- Impact resistance
- Excellent adhesion
- Good resilience
- High abrasion
- Low elongation
- Good flexibility & troughability

Standard & Technical



Belt rating	Belt stregnth (N/mm)	Cord pitch (mm)	Cord Diam (mm)	Cord break i ng strength (mm)	Min Cover thickness	Puling out strength ≥	
						Before aging	After aging
ST-500	500	14	3.0	7.6	4.0	60	50
ST-630	630	10	3.0	7.0	4.0	60	50
ST-800	800	10	3.5	8.9	4.0	67.5	57.5
ST-1000	1000	12	4.0	12.9	4.0	75	65
ST-1250	1250	12	4.5	16.1	4.0	82.5	72.5
ST-1400	1400	14	5.0	20.6	4.0	90	80
ST-1600	1600	12	5.0	20.6	4.0	90	80
ST-1800	1800	13.5	5.6	25.5	4.0	99	89
ST-2000	2000	12	6.0	25.6	4.0	105	95
ST-2250	2250	11	5.6	26.2	4.0	99	89
ST-2500	2500	15	7.2	40.0	5.0	123	113
ST-2800	2800	13.5	7.2	39.6	5.0	123	113
ST-3100	3150	15	8.1	50.5	5.5	136.5	126.5
ST-3500	3500	15	8.6	56.0	6.0	144	134
ST-4000	4000	15	8.9	63.5	6.5	148.5	138.5
ST-4500	4500	16	9.7	76.3	7.0	160.5	150.5
ST-5000	5000	17	10.9	91.0	7.5	178.5	168.5
ST-5400	5400	17	11.3	98.2	8.0	184.5	174.5

Specification		Grade		
		H	D	L
Tensile strength Mpa	≥	24	18	15
Elongation at break %	≥	450	400	350
Abrasion mm3	≤	120	100	200
Tensile strength 8 Elongation after aging (700C X 168h)		No less then 75% before aging		
Separation strength between cover and core rubber	≥ N/mm	12		

Steel Cord Conveyor Belt

Mt668 Steel Cord Conveyor Belt For Coal Mining

Usage & Structure

Underground applications make use of the MT668 steel cord conveyor belt, which is anti-static and flame retardant.

The top cover, bottom cover, steel cord carcass, skim rubber, and edge rubber make up the steel cord conveyor. The MT668 steel cord conveyor belt is appropriate for moving lumpy or granular commodities over long distances and with large capacities while operating underground.

Advantages

- High strength
- Impact resistance
- Excellent adhesion
- Good resilience
- High abrasion
- Low elongation
- Good flexibility & troughability

Standard & Technical

MT668-2008 (Steel Cord Conveyor Belt For Coal Mining)

Belt rating	Belt stregnth (N/mm)	Cord pitch (mm)	Cord Diam (mm)	Top/Bottom cover thickness (mm)	Puling out strength ≥	
					Before aging	After aging
ST-630	630	10	3.0	5+5	67	50
ST-800	800	10	3.5	5+5	75	69
ST-1000	1000	12	4.0	6+6	82	77
ST-1250	1250	12	4.5	6+6	90	84
ST-1600	1600	12	5.0	6+6	97	90
ST-2000	2000	12	6.0	8+8	112	105
ST-2500	2500	15	7.2	8+8	130	122
ST-2800	2800	15	7.5	8+8	134	124
ST-3150	3150	15	8.1	8+8	143	135
ST-3500	3500	15	8.6	8+8	151	140
ST-4000	4000	15	8.9	8+8	155	144
ST-4500	4500	16	9.7	8+8	168	157
ST-5000	5000	17	10.9	8.5+8.5	186	175
ST-5400	5400	17	11.3	9+9	192	180

Specification		Grade
Tensile strength Mpa	≥	15
Elongation at break %	≥	350
Abrasion mm^3	≤	200
Tensile strength 8 Elongation after aging (70^0C X 168h)		No less then 75% before aging
Separation strength between cover and core rubber	≥ N/mm	10
Electrical conductivity		≤ 3×10^8 N
Ignition	s ≤	Aggregate of each set of 6 test pieces (with cover) shall be less than 18s . no individual result shall be greater than 10s.
		Aggregate of each set of 6 test pieces (without cover) shall be less than 30s . no individual result shall be greater than 15s.
Drum friction	^{0}C ≤	The temperature of drum surface shall be less than 325^0C.
Laboratory scale tunnel test		The length of the test pieces that remains undamaged shall be not less than 600mm across the whole width of conveyor belt

General Flame-resistance Steel Cord Conveyor Belt

Usage & Structure

The fire resistant steel cord conveyor belt is frequently used for underground non-coal applications, power plants, and coal washing.

The top cover, bottom cover, steel cord carcass, skim rubber, and edge rubber make up the steel cord conveyor. This steel cord conveyor belt is appropriate for carrying bulk, granular commodities over long distances and at high capacities while operating underground.

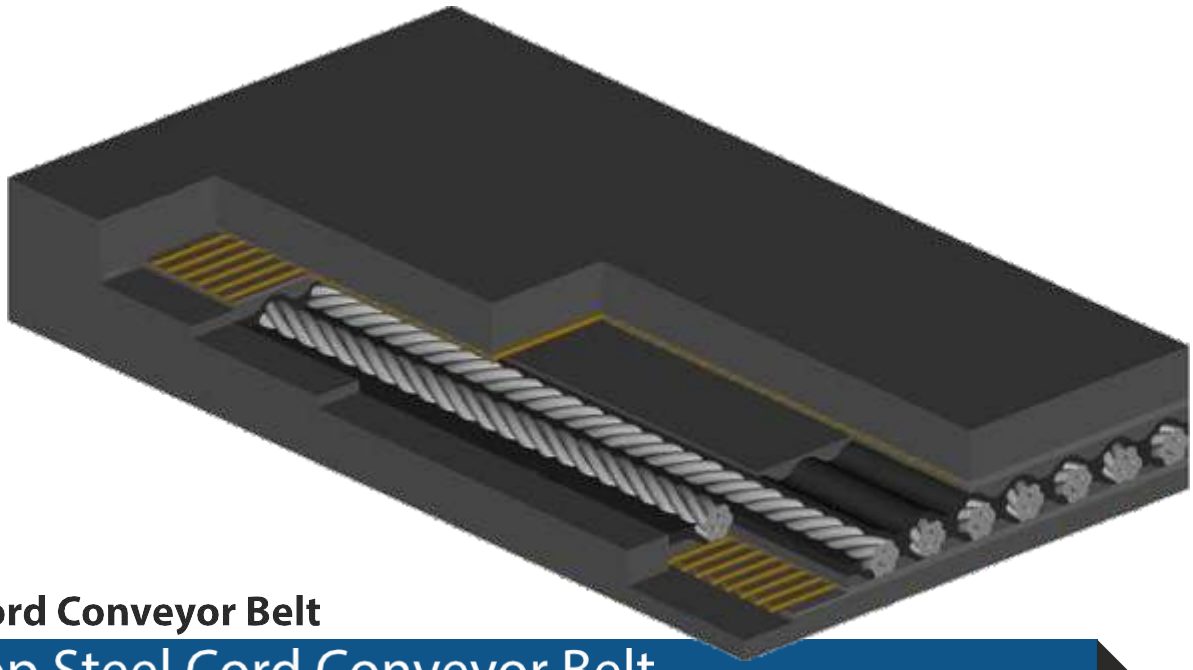
Advantages

- High strength
- Impact resistance
- Excellent adhesion
- Good resilience
- High abrasion
- Low elongation
- Good flexibility & troughability

Standard & Technical

HG/T 3973 (General Use Fire Resistant Steel Cord Conveyor Belt)

Specification		Grade		
		H	D	L
Tensile strength Mpa	≥	20	18	15
Elongation at break %	≥	400	400	350
Abrasion mm^3	≤	200	120	200
Tensile strength & Elongation after aging (70^0C X 163h)		±25%		
Separation strength between cover and core rubber	≥ N/mm	12		
Ignition	S ≤	K2: Aggregate of each set of 6 test wiwwww (with cover) shall less than 45s . no individual result shall be greater than 15s.	K3: Average duration of each set of 3 test pieces (with cover) shall be less than 60s	
Electrical conductivity		≤ 3 x 10^8 N		
Afterflame		Not allowed		



Steel Cord Conveyor Belt

Ripstop Steel Cord Conveyor Belt

Usage & Structure

Various industries, including mining, port operations, metallurgy, power plants, chemical plants, etc., use the rip-stop steel cord conveyor belt.

The top cover, bottom cover, steel cord carcass, break-er layer, skim rubber, and edge rubber make up the steel cord conveyor.

Advantages

To preserve the carcass and resist impact and tearing, this product has a breaker layer (steel or textile) put in the top cover and/or bottom cover.

Standard & Technical

GB/T9770-2013 (General Use Steel Cord Conveyor Belt)

Steel Cord Conveyor Belt

Rip Detector St Conveyor Belt (Embedded Sensor Loops)

Usage & Structure

The product is used extensively in sectors of the economy including mining, port operations, metallurgy, power plants, and chemical plants.

The top cover, bottom cover, steel cord carcass, sensor loop, skim rubber, and edge rubber make up the steel cord conveyor.

Advantages

When the belt is in use, the rip detection system can detect any damage or puncture and send out an immediate signal.

The sensing system can indicate when the belt veers off course at a specific distance, and the belt will then be quickly stopped.

The device may identify the incorrect belt speed during operation and cease operating automatically when the material becomes clogged.

Implementation Standard

GB/T9770-2013 (General Use Steel Cord Conveyor Belt)

Textile Conveyor Belt

Heat-resistance Conveyor Belt

Usage & Structure

The heat resistant convey-or belt is used to carry sinter, coke, iron & steel casting, clinker, and other materials in the metallurgy, cement, power sector, mining, construction, and chemical plant industries.

Carcass can be multi-ply fabric and steel cord .
T1 : working upto 100°C
T2 : working upto 125°C
T3 : working upto 150°C
T4 : working upto 180°C

Advantages

- ⦿ High temperature resistance
- ⦿ Good resistance for aging
- ⦿ Ozone resistance
- ⦿ High adhesion
- ⦿ Long working life

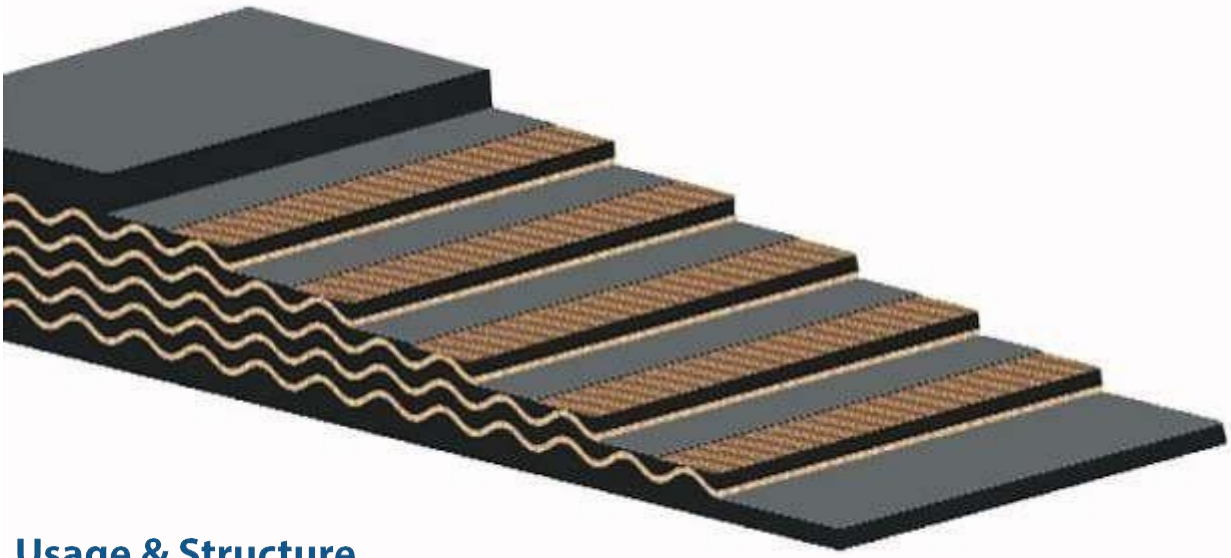
Standard & Technical

GB/T 20021-2017 (Textile Reinforced Heat Resistant Conveyor Belt)

Specification			Polyester - Nylon			
			EP			
Adhesion	Between cover & ply	≥ N/mm	3.5			
	Between plies	≥	4.5			
Full thickness strength in longitudinal		/ N/mm	160~3150			
Elongation at reference in longitudinal		/ % ≤	4			
Specification			T1	T2	T3	T4
Cover property	Hardness (IRRO)	variation of original value	+20			
		Max. value	85			
	Tensile strength (N/mm²)	variation of original value	-25	-30	-40	-40
		Min. value	12	10	5	5
	Elongation (%)	variation of original value	-50		-55	
		Min. value	200		180	

Textile Conveyor Belt

General Use Conveyor Belt 111



Usage & Structure

Moulded edge and Cut edge are two types of edge rubber.
According to the carcass fabric, there are two categories of conveyor belts: NN and EP.

The noncorrosive transportation of various sizes of materials or packages is suitable for textile carcass rubber conveyor belts, which are frequently used in coalmines, mining, seaports, metallurgy, power plants, chemical industries, casting, building materials, cement, and other industries and locations that require high speed and high efficiency transportation.

textile conveyor rubber carcass The production processes for belts include: compound mixing, calendering, belt buliding, belt vulcanization, inspection, and belt repairing and packing. Belts are made with NN or EP fabric carcasses and several types of cover rubber.

Advantages

The characteristics of NN fabric conveyor belts are light weight, high flexibility, high strength, impact resistance, superior troughability, and suitability for heavy load transportation of various sized materials at high speeds and over long distances. High flexibility, stability in high temperatures, high strength, low elongation, impact resistance, good troughability, suitability for high speed, mid-long distance, heavy load transportation of various sizes of commodities are all characteristics of EP fabric conveyor belts.

Standard & Technical

DIN 22102
AS1332
GB/T7984-2013
SANS1173

DIN 22102

1 item			Type			
			NN, EP			
Adhesion	Cover rubber and ply	Cover thickness > 1.5 mm	4.5 N/mm			
		Cover thickness > 1.5 mm	4 n/m			
	Ply and ply		5 N/mm			
			Z	Y	W	X
Cover rubber physical property	Tensile strength / Mpa ≥		15	20	18	25
	Elongation at break / % ≥		350	400	400	450
	Abrasion loss / mm^3 ≤		20	150	90	120
	Aging test (70^0C)(168h)		Not change by more than 25% from the original value			

SANS1173

1 item			Type			
			NN, EP			
Adhesion	Cover rubber and ply	Cover thickness > 1.5 mm	5 N/mm			
		Cover thickness > 1.5 mm	4 N/mm			
	Ply and ply		7 N/mm			
			N	C	A	M
Cover rubber physical property	Tensile strength / Mpa ≥		17	20	18	24
	Elongation at break / % ≥		400	400	400	450
	Abrasion loss / mm^3 ≤		150	150	70	120
	Aging test (70^0C)(168h)		Not change by more than 25% from the original value			

As1332

1 item			Type			
			NN, EP			
Adhesion	Cover rubber and ply	Cover thickness > 1.5 mm	4.8 N/mm			
		Cover thickness > 1.5 mm	4 N/mm			
	Ply and ply		6 N/mm			
			N	A	M	XCG
Cover rubber physical property	Tensile strength / Mpa ≥		17	18	24	25
	Elongation at break / % ≥		400	400	450	450
	Abrasion loss / mm^3 ≤		150	70	120	110
	Aging test (70^0C)(168h)		Not change by more than 25% from the original value			

Textile Conveyor Belt

Oil-resistance Conveyor Belt

Usage & Structure

Rubber conveyor belts with textile carcasses that are oil-resistant are ideal for moving various-sized goods or commodities that are greasy in either a greasy environment or at room temperature.

The following steps are involved in the production of oil resistant textile carcass rubber conveyor belts: compound mixing, calendering, belt building, belt vulcanization, inspection, and mending and packing.

Advantages

High strength, low elongation, abrasion resistance, oil resistance, aging resistance, extended working life, etc. are all characteristics of oil resistant textile carcass rubber conveyor belts.

Standard & Technical

HG/T3714-2014 DIN22102

DIN 22102

1 item			Type	
			NN, EP	
Adhesion	Cover rubber and ply	Cover thickness > 1.5 mm	4.5 N/mm	
		Cover thickness > 1.5 mm	4 n/m	
	Ply and ply		5 N/mm	
			MDR	OR
Cover rubber physical property	Tensile strength / Mpa ≥		12	14
	Elongation at break / % ≥		350	350
	Abrasion loss / mm^3 ≤		250	200
	Volume change rate % (3#oil, 100°C, 22h) <		+100	+50

Chemical Resistant Conveyor Belt

Usage & Structure

In the chemical, cement, papermaking, etc. industries, acid and alkali resistant rubber conveyor belts can be used to carry a variety of sizes of products or packages containing acid or alkali.

NN or EP fabric carcass and acid and alkali resistant cover rubber are used to make acid and alkali resistant rubber conveyor belts. Other steps in the production process include compound mixing, calendering, belt building, belt vulcanization, inspection, and belt repairing and packing.

Advantages

Rubber conveyor belts that are acid and alkali resistant offer characteristics like good physical attributes, abrasion resistance, etc.

Standard & Technical

HG/T 37782-2015 DIN22102

1 item			Type
			NN, EP
Adhesion	Cover rubber and ply	Cover thickness > 1.5 mm	4.5 N/mm
		Cover thickness > 1.5 mm	4 n/m
	Ply and ply		5 N/mm
Cover rubber physical property	Hardness ShoreA		Original : 55-70 after aging : 75-85
	Tensile strength / Mpa ≥		Original : 15 after aging : 12
	Elongation at break / % ≥		Original 400 after aging : 200
	Abrasion loss / mm^3 ≤		200
	Test condition: ozone concentration(50+/-5)x10-8(volume fraction). temperature (40+/-2)^{0}C, elongation (20+/ -2)%. time 15h. ozone aging test results no crack.		
	Soak solution : 18% concentration HCL, 50% H2504, 48% NaOH . Soak condition : 50^{0}C x 96h , volume change rate less than 10%		

Textile Conveyor Belt

General Use Flame-retardant Conveyor Belt

Usage & Structure

Categorized according to the carcass fabric: NN fabric fire-retardant conveyor belt
EP fabric conveyor belt with fire resistance

Widely used in coalmines, mining, seaport, metallurgy, power plants, chemical industries, casting, building material industries, etc., fire resistant textile carcass rubber conveyor belts are suitable for noncorrosive trans-portation of various sizes of materials or packages. They are particularly suitable for material transportation in coal washeries, power plants, and non-coal mines.

NN or EP fabric carcass and fire resistant cover rubber are used to make fire resistant textile carcass rubber conveyor belts. Other steps in the production process include compound mixing, calendering, belt building, belt vulcanization, inspection, repair, and packing.

Advantages

The characteristics of NN fabric fire resistant conveyor belts are light weight, high flexibility, high strength, impact resistance, superior troughability, and suitability for heavy load transportation of various sized goods at high speeds and over a long distance. High flexibility, stability in high temperatures, high strength, low elongation, impact resistance, good troughability, suitability for high speed, mid-long distance, heavy load transportation of various sized items are all characteristics of EP fabric fire resistant conveyor belts.

Standard & Technical

DIN 22102
GB/T10822-2014

1 item			Type
			NN, EP
Adhesion	Cover rubber and ply	Cover thickness > 1.5 mm	4.5 N/mm
		Cover thickness > 1.5 mm	4 n/m
	Ply and ply		5 N/mm
Cover rubber physical property			K
	Tensile strength / Mpa ≥		18
	Elongation at break / % ≥		400
	Abrasion loss / mm^3 ≤		180
	Aging test (70°C x 168h)		Not change by more than 25% from the original value

Fire resistant property

1 item			Unit	Volume
Anti-static property	Average electrical resistance of both surfaces	max	N	3×10^8
Burning test	Total flame duration for 6 test pieces	max	s	45
	Flame duration for 1 test pieces	max	s	15

Cold Resistant Conveyor Belt

Usage & Structure

Conveyor belts made of cold-resistant rubber are appropriate for moving various-sized materials or packages in situations with low temperatures between -60°C and +50°C.

Cold resistant cover rubber and NN or EP fabric carcasses are used to make cold resistant rubber conveyor belts. Other steps in the production process include compound mixing, calendering, belt building, belt vulcanization, inspection, and belt repairing and packing.

Advantages

The characteristics of cold resistant rubber conveyor belts include resistance to the cold, high flexibility, resistance to impact, resistance to abrasion, etc. capable of operating in -60°C environments.

Standard & Technical

DIN 22102 HG/T 3647-1999

1 item			Type		
			NN, EP		
Adhesion	Cover rubber and ply	Cover thickness > 1.5 mm	4.5 N/mm		
		Cover thickness > 1.5 mm	4 N/m		
	Ply and ply		5 N/mm		
Cover rubber physical property			Y	W	X
	Tensile strength / Mpa ≥		20	18	25
	Elongation at break / % ≥		400	400	450
	Abrasion loss / mm^3 ≤		150	90	120
	Aging test (70°C x 168h)		Not change by more than 25% from the original value		
	Tenile cold resistance coefficient ≤		C1: (-45°C) suitable enviromental temprature -45°C ~ +50°C		0.3
			C2: (-60°C) suitable enviromental temprature -60°C ~ +50°C		0.2

Textile Conveyor Belt

Ozone Resistant Conveyor Belt

Application

Conveyor belts made of rubber that is ozone resistant are ideal for moving various-sized items outdoors in harsh UV situations.

The production processes for ozone resistant rubber conveyor belts include compound mixing, calendering, belt building, belt vulcanization, inspection, and belt repairing and packing. They are made using NN or EP fabric carcasses and ozone resistant cover rubber.

Product Benefit

Ozone resistance, abrasion resistance, and other qualities are present in ozone resistant rubber conveyor belts.

Main Technical Indicators

1 item			Type		
			NN, EP		
Adhesion	Cover rubber and ply	Cover thickness > 1.5 mm	4.5 N/mm		
		Cover thickness > 1.5 mm	4 N/m		
	Ply and ply		5 N/mm		
Cover rubber physical property			Y	W	X
	Tensile strength / Mpa ≥		20	18	25
	Elongation at break / % ≥		400	400	450
	Abrasion loss / mm^3 ≤		150	90	120
	Aging test (70°C x 168h)		Not change by more than 25% from the original value		
	Test condition : ozone concentration(50+/-5)x10-8(volune fraction), texperature (40+/-2)°C, elongation(20+/-2)%. tima 15h-70h, ozone aging teat results no crack.				

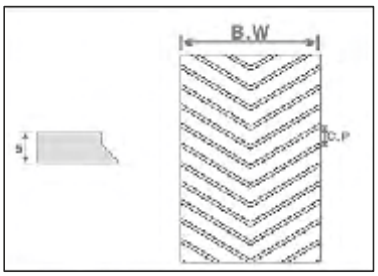
Chevron Belt

Usage & Structure

Belt with an edge moulded into it or one that has been sliced
Patterns include multi-V type, Y type, V type, and U type.
Belt width (13.W): 300 mm to 1600 mm
Cleat heights (C.H): 5 mm, 8 mm, 10 mm, 15 mm, 17 mm, 25 mm, and 32 mm

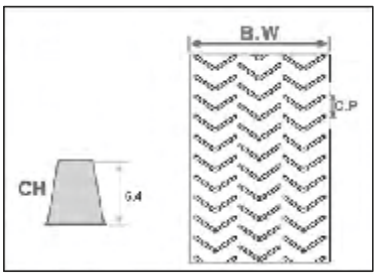
offering mold design services in accordance with customer needs.
Pattern belts have a large conveying capacity, are slip-resistant, and can be utilized in a variety of industries, including the coal industry, mine, port, metal-lurgy, electric power, chemical industry, etc.

Item:C5 V, ClO V
Profile height:5mm, lOrnm



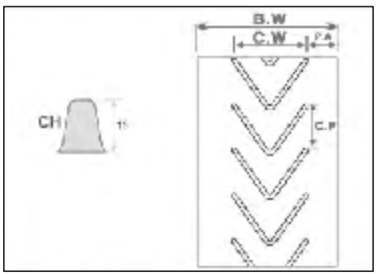
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
5	300~1200	100	300~1200
10	300~1200	100	300~1200

Item:Multi V
Profile height:6.4mm



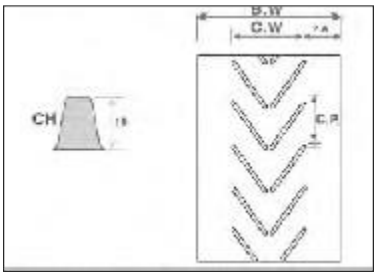
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
6.35	600 1400	76	600~1400

Item:C15V330, C15 V450, Closed V
Profile height:15mm



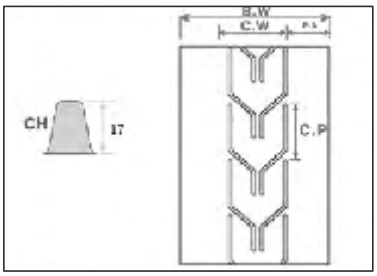
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	300	250	400~1000
15	450	300	500~1000

Item,C15 P330, C15 P385, C15 P420
C15 P450, C15 P520, C15 P600
C15P750, Open V
Profile height:15mm



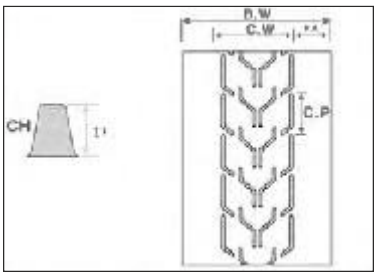
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	385	250	450~1000
15	450	250	650~1000
15	600	250	650~1000
15	750	250	800~1000
15	330	250	450~1000
15	420	250	650~1000
15	520	250	650~1000

Item,C17 P300
Profile height:15mm



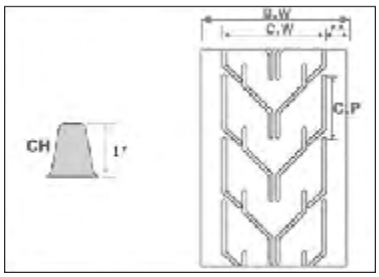
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
17	300	300	400~1000

Item,C17 P440
Profile height:17mm



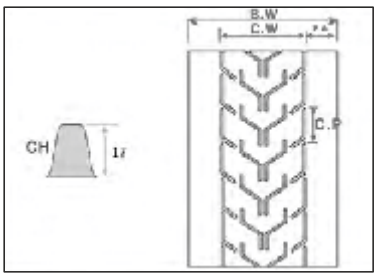
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
17	440	330	500~1000

Item:C17 P550
Profile height:17mm



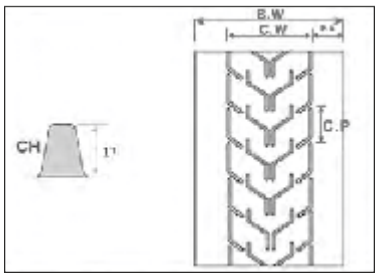
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
17	550	330	600~1000

Item:C17 P630
Profile height:17mm



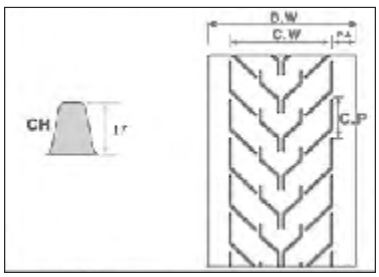
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
17	630	330	700~1000

Item:C17 P750
Profile height:17mm



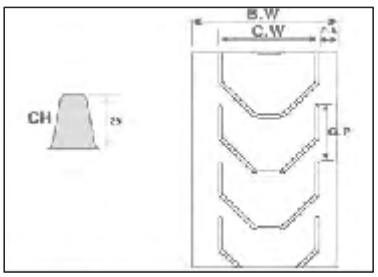
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
17	450	330	850~1200

Item:C17 P950
Profile height:17mm



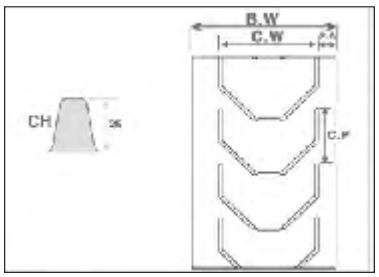
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
17	650	330	1050~1400

Item:C25 P450, Closed U
Profile height:25mm



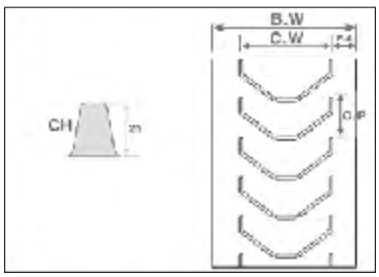
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	450	330	500~1000

Item:C25 P550, Closed U
Profile height:25mm



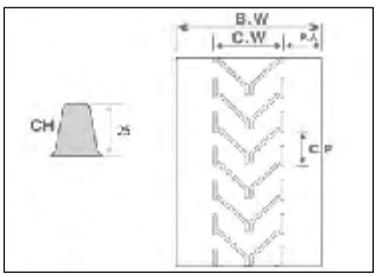
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	550	330	600~1000

Item,C15 P330, C15 P385, C15 P420
Profile height:15mm



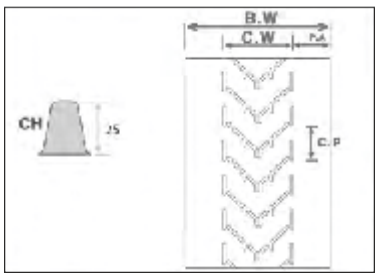
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	750	330	850~1200

Item,C17 P300
Profile height:15mm



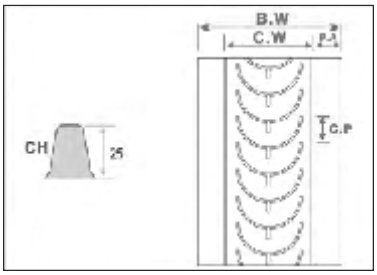
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	540	250	600~1000

Item,C17 P440
Profile height:17mm



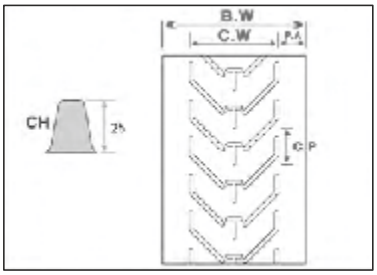
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	840	245	1000~1400

Item:C25 P990
Profile height:25mm



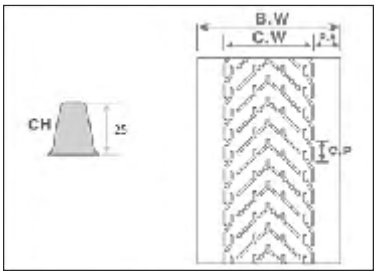
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	990	330	1000~1450

Item:C25 P1000
Profile height:25mm



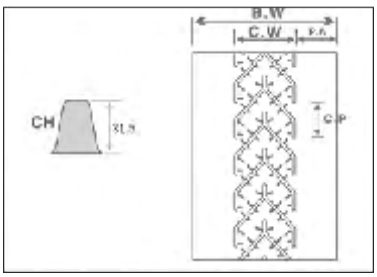
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	1000	400	1200~1450

Item:C25 AH1120
Profile height:25mm



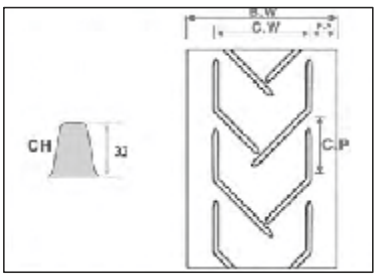
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	550	330	600~1000

Item:C31.5 P590
Profile height:31mm



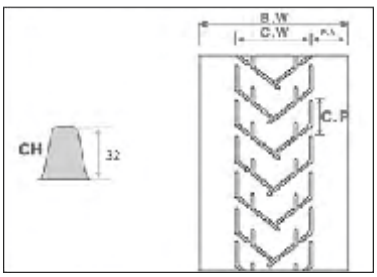
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
31.5	500	330	700~1350

Item:C32 P460
Profile height:32mm



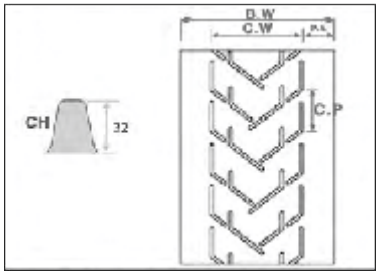
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
32	460	330	550~1000

Item:C25 P580, C32 P630
Profile height:32mm



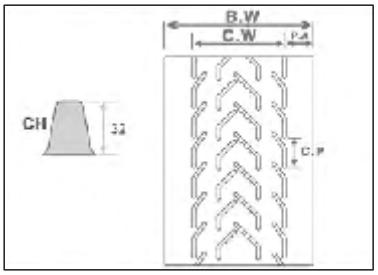
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
32	580	330	700~1000
32	630	330	700~1000

Item:C32 P750
Profile height:32mm



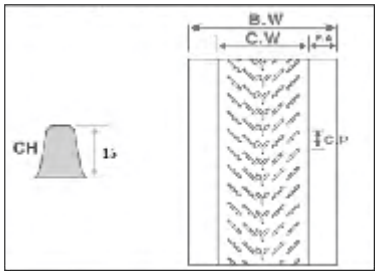
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
332	750	330	850~1400

Item:C32 P1000
Profile height:32mm



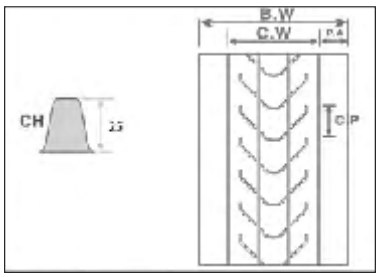
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
32	1000	330	1200~1450

Item:CB15 P890, Cb15 P980
Cb15 P1050, Cb15 P1290
Profile height:15mm



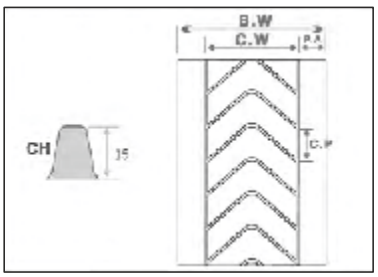
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	890	190	1000~1450
15	980	190	1000~1450
15	1050	190	1000~1450
15	1290	190	1000~1450

Item:CB15 P890, Cb15 P980
Cb15 P1050, Cb15 P1290
Profile height:15mm



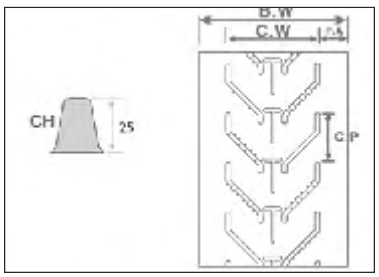
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	1180	400	1400~1500
25	12653	400	1400~1500
25	1350	500	1400~1500
25	1365	500	1400~1500
25	1400	500	1400~1500

Item:S15 P500, S15 P650, S15 P800
Profile height:15mm



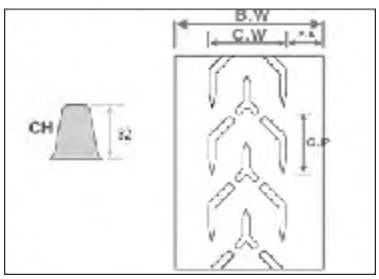
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	500	230	600~1100
15	650	230	700~1100
15	800	300	850~1100

Item:S25 P750, S25 P1000
Profile height:25mm



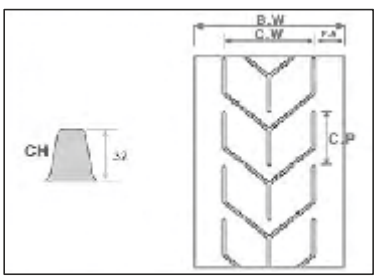
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	750	340	900~1400
25	1000	350	1100~1400

Item,:Y32 P450, Y32 P600
Profile height:32mm



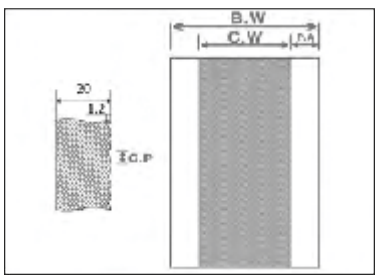
C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
32	450	330	550~1000
32	600	356	700~1000

Item,:Y32 P800
Profile height:32mm



C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
32	800	490	900~1200

Item:herringbone=patten
Profile height:1.2mm



C.H(mm)	C.W(mm)	C.P(mm)	B.W(mm)
1.2	1610	5	700~1500

Tube Conveyor Belt

Usage & Structure

Nylon and EP fabric pipe conveyor belts are used as carcass materials.

Pipe conveyor belt is suited to the coal, mine, port, electric power, metallurgy, building materials, and grain sectors, all of which have stringent criteria for material transportation and environmental protection, as well as for bending in three dimensions.To implement closed conveying, the tape gradually transforms while in use from plane to U shape to tubular shape.

Pipe Conveyor Belt's core body is made up of steel wire rope or canvas with high wear resistance, high strength, and high-quality rubber for the upper and lower covering layers. Pipe Conveyor Belt is the term for the conveyor belt that is paired with the circular pipe belt conveyor, which, by the use of external force, shapes the entire or a portion of the transportation line into the shape of a circular pipe.

Advantages

Due to its affordability, this pipe conveyor belt is ideal for incline hauling (up to 30°). The product's features include flexible, large inclination, round-trip material transportation, fully enclosed material transportation, no material flying, resistance to weather changes, and no environmental impact. When environmental, operating, and maintenance expenses are of the utmost significance, pipe conveyors are increasingly used as an appropriate method of transporting bulk solids. This has the extra benefit of encouraging suppliers to push the boundaries of innovation.

Standard & Technical

Belt Type	ST 600	ST 800	ST 1000	ST 1250	ST 1600	ST 2000	ST 2500	ST 3150	ST 3500	ST 4000	ST 4500	ST 5000	ST 5400
Steel Wire Diameter	3.0	3.5	4.5	4.5	5.0	6.0	7.2	8.1	8.6	9.1	9.7	10.9	11.3
Top Rubber Thickness	5	5	6	6	6	8	8	8	8	8	8	8.5	9
Bottom Rubber Thickness	5	5	6	6	6	6	6	8	8	8	8	8.5	9
Width (mm)													
	73	73	61	61	61	61	49	49					
	95	65	79	79	79	79	64	64	64	64	59	55	55
	105	105	87	87	87	87	71	71	71	71	65	61	61
	124	124	103	103	103	103	83	83	83	83	77	71	71
	145	145	121	121	121	121	98	98	98	98	90	84	84
			151	151	151	151	122	122	122	122	115	106	106
						180	144	144	144	144	137	127	127
						213	172	172	172	172	162	151	151

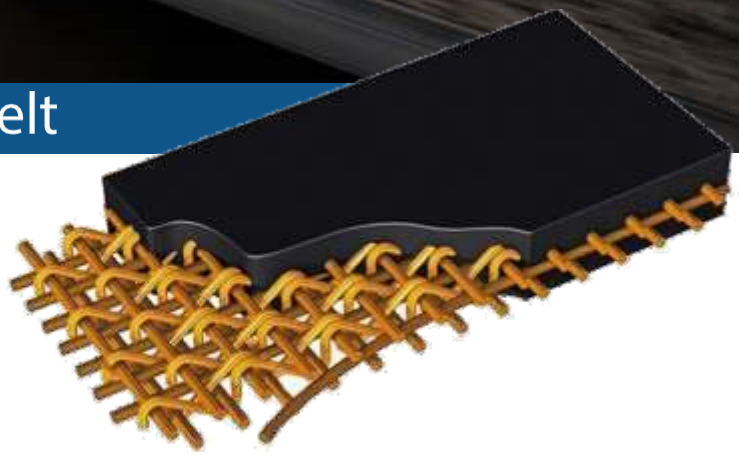
Belt Type (N/mm)	400	500	630	800	1000	1250	1600	2000

Belt Type (N/mm)	150	200	250	300	350	400	500	600
Belt Type (N/mm)	650 (550)	750	1000 (950)	1100	1300	1600 (1650)	1800	2200

Fabric core pipe conveyor belt: horizontal turning radius R>r X 300; vertical turning radius R ≥r X 300
Steel wire core pipe conveyor belt: horizontal turning radius R≥r X 600; vertical turning radius R≥ rX 600
Transition length: fabric type ≥r X 25; steel wire type ≥X 50

Special Conveyor Belt

Straight Warp Conveyor Belt



Usage & Structure

Carcass components: SW Belt Conveyor CFW ARAMID Conveyor Belt Transport Belt

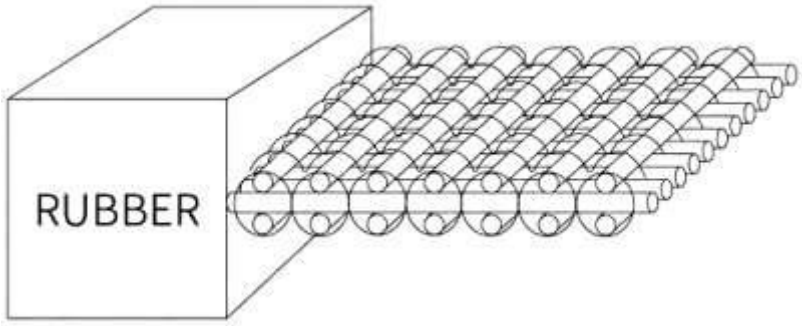
Conveyor belts with longer drop heights, higher loads, and faster speeds, such as those made of SW/CFW/ARAMID, are well suited for these applications. These industries include coal, mining, ports, electric power, metallurgy, building materials, cement, etc. These belts offer high durability in severe conditions and are made to convey enormous volumes of non-corrosive materials.

Advantages

Higher unit strength and good wear, cut, and abrasion resistance are characteristics of synthetic fibers. Unlike traditional crimp woven fabrics, the single layer structure increases resilience to bending fatigue and impact. The developed carcass totally veers away from the conventional laminating idea and structure. Low elongation, superior impact resistance, superior anti-tear performance, low rolling resistance, and high adhesive strength are the characteristics. The belt's service life will be extended by the unique fabric's ability to absorb impact better than regular EP or NN fabric.

The single roll length will be 400-500 to reduce loss, and the synthetic fibers of SW/CFW/ARAMID will replace the multilayer structure with 1 or 2 plies to let the belt run smoothly with the smaller pulley.

SW CONVEYOR BELT SKETCH MAP



Standard & Technical

!tem			Type
			NN, EP
Adhesion	Fabric and cover adhesion	Rubber cover thickness > 1.5 mm≥N/mm	5
		Rubber cover thickness0.8~ 1.5mm≥N/mm	4
	Ply-ply adhesion > N/mm		5
Belt ultimate tensile > N/mm			SW350, SW400, SW500, SW630, SW800, SW1000, SW1250, SW1400, Sw1600
Structure			1ply or 2plies

		H	D	L
Cover performance	Tensile strength / Mpa ≥	24	18	15
	Elongation at break / % ≥	450	400	350
	Abrasion / mm^3 ≤	120	100	200
	Aging test (70°C x 168h) Median of tensile strength and elongation at break	More than 75% value before aging test		

Special Conveyor Belt

Sealing Conveyor Belt

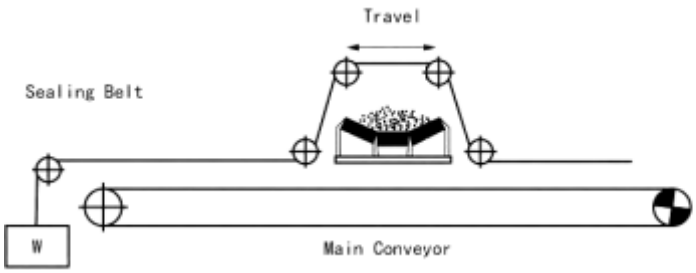
Usage & Structure

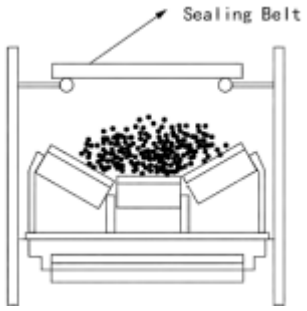
Various reinforcement materials, according to: Belt with a high elastic square steel bar structure. belt with a steel mesh and a rubber seal.

Most industries, including ports, building materials, cement, chemicals, and food, employ rubber sealed cover belts. In order to avoid rain and snow, dust, cover, etc., it is mostly installed above the ship loading and unloading conveyor for transferring bulk goods. Additionally, it must adhere to specifications for cement, grain, and other granular and powdery components that permit free movement of ships. A fixed rail secures one end, and a substantial mound tensions the other. The belt is movable as required.

A large-width, ozone-resistant, flame-retardant rubber sealing cover belt is used for conveyor applications, and the structural belt body's upper and lower sides are flat. To ensure that the belt has a particular rigidity, the belt body uses reinforced square steel bars and rectangular rubber strips that are spaced apart. The rectangular rubber and the reinforcing high-elastic square steel bars are then wrapped together using the dipped canvas. The rubber is then covered and vulcanized. To ensure that the belt surface can support a specific amount of weight and that rain can naturally discharge through the belt edge without precipitation retention, the belt has a particular stiffness in the transverse direction. To make sure the belt can withstand a specific amount of tension, the belt body is longitudinally coated with canvas. To safeguard the belt body and lessen the impact of outside forces, the surface of the belt is coated with a layer of rubber that has a specific thickness. In order for the belt to smoothly pass past the reversing roller when the feeder is moving longitudinally, the belt body must have strong longitudinal bending ability.

Structure and Working Principle of Rubber Sealing Covering Belt





Advantages

To prevent rain, snow, dust, and cover while also accommodating the needs of cement, grain, and other powdery and granular materials suited for free movement of ships, a cover was installed above the ship loading and unloading conveyor.

Standard & Technical

Item		Index		
Adhesion	Cover to fabric / N/mm ≥	5		
		Ordinary		K2 flame retardant
Cover rubber	Tensile strength % ≥	24	20	18
	Elongation at break / % ≥	450	400	450
Abrasion / mm3 ≤		120	150	180
Ozone resistance		50±5pphm X 40±2°C X 24h, No cracks		
Structure of square steel bars mm		Ss400	5 X 5	9 X 9 / 12 X 12
Pitch of square steel bars mm		50	100	150

Can be specially designed and customized according to customers' demands.

Special Conveyor Belt

Cross Rigid Conveyor Belt

Usage & Structure

Depending on the frame's components: foundation belt with a fully stiff fabric structure Base belt with a rigid fabric sandwich construction

Both rigid fabric sandwich structure base belts and rigid fabric base belts are frequently utilized as sidewall belts' bases.

The fabric core conveyor belt has a unique construction made of layers of stiff fabric that have been dipped in rubber as a framework material. These layers are finalized by calendering, building, vulcanizing, etc. before being covered with various qualities of cover rubber.

Advantages

Base belts with rigid fabric structures, such as rigid fabric sandwich structures, are frequently utilized because of their good transverse rigidity.

Special Conveyor Belt

Roto-cure Conveyor Belt

Usage & Structure

For foundation belts of filters, nylon fabric structures are frequently employed.

The single-layer, double-layer dipped nylon fabric structure used to make the special fabric conveyor belt serves as the frame material. Different types of cover rubber are then applied, and the belt is finished using calendering, building, vulcanization, etc.

Special Conveyor Belt

Nylon Cord Tire Fabric Screening Belt

Usage & Structure

based on structure:
belt made of a single sheet of fabric
One fabric structure belt with a naked back.
Backless fabric structure belt both
belt with a patterned rubber surface

in order to transport light materials.

the working surface and non-working surfaces are both bare, the frame is made of a single-layer cloth or a multi-layer fabric, or a particular canvas is used for the patterned surface. Form naked fabric belts, single-layer fabric structure belts, double-layer fabric belts, and patterned rubber fabric belts.

Advantages

Single-layer fabric structures, bare non-working surfaces, bare working surfaces and non-working surfaces together, special canvas used on cover rubber to create patterns, and other special purpose conveyor belts all fully satisfy the various needs of moving light materials in unique environments.

Special Conveyor Belt

White Conveyor Belt

Usage & Structure

The majority of the time, light-colored materials in the form of lumps, granules, powdery solids, or fragments are transported using a white rubber conveyor belt.

The multi-layer dipped nylon canvas and EP canvas used to create the white rubber conveyor belt are then covered in white rubber and put through calendering, building, vulcanization, and other processes to finish it.

Advantages

This product's qualities include light color, cleanliness, and anti-pollution.

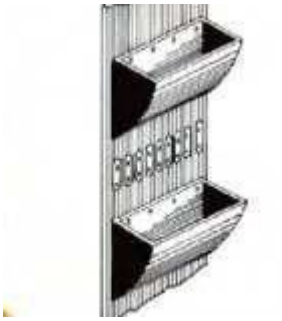
Special Conveyor Belt

Bucket Elevator Conveyor Belt

Usage & Structure

Materials are transported vertically using an elevator conveyor belt. Building materials, mining, chemicals, light industry, machinery, electricity, food, and other industries use it extensively.



Advantages

Fabric and steel cord elevator belts are both types of elevator conveyor belt. The product performs well, operates dependably, and requires little maintenance. It features a small elongation, a big conveying capacity, stable operation, easy maintenance, and superior material adaptability.

Standard & Technical

Categories	Type	Frame materials	Thickness		Width
			Top Cover	Bottom Cover	
Ordinary	CC	CC-56	1.5	1.5	300-2200
	NN	NN100-Mn400			300-2200
	EP	EP100-EP400	3.0	3.0	
	CC	CC-56			300-2200
	NN	NN100-Mn400	4.5	4.5	
	EP	EP100-EP400	6.0	6.0	
	ST	ST630-ST5000			

Note: According to customer' s demand, there are ordinary, heat-resistant and non-flammable and static conductive types, for your choice.

Special Conveyor Belt

Corrugated Sidewall Conveyor Belt

Usage & Structure

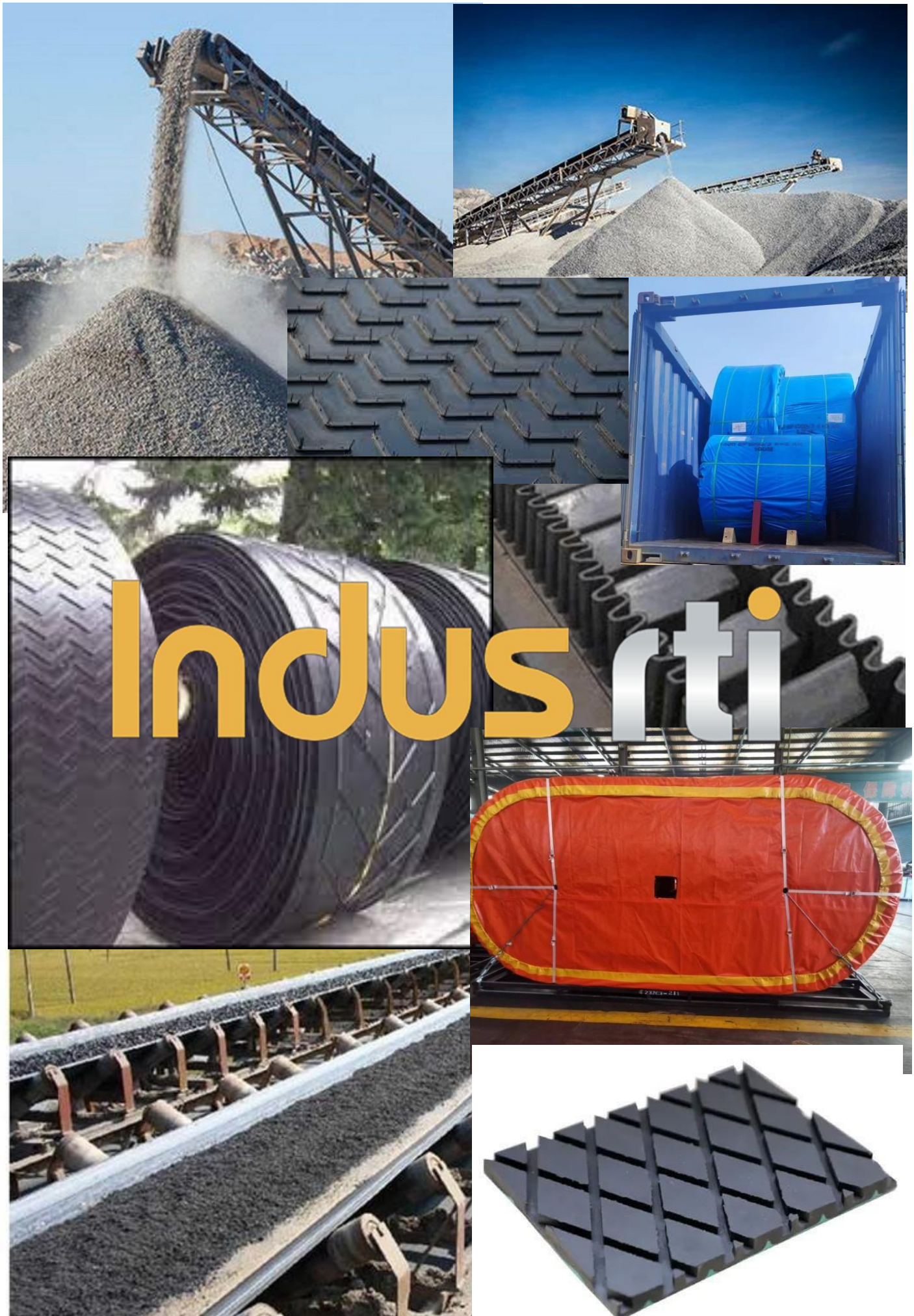
Features include: 1. It may significantly reduce the conveyor area while saving space.
2. To prevent excessive wear and tear, there is no need to use the sidewall when in use.
Type of Product: t T- or L-type horizontal cleats are both possible. c
Use of the product: It may transport bulk materials with a large inclination angle, up to a maximum of 75°, including powder or blocks.

Corrugated sidewall conveyor belt needs to have a certain tensile strength and wear resistance. The longitudinal direction of the corrugated sidewall conveyor belt with empty edges must have great flexibility, and the transverse direction must have a specific amount of rigidity in order to meet the requirements of angle changes.
The base belt's design is as follows: The top cover, bottom cover, carcass, and transverse stiff layer make up the base belt. The top cover often has a thickness of 3-6mm, while the bottom cover typically has a thickness of 1.5-4.5mm. Tensile force is supported by the carcass. Steel cord (ST), nylon (NN), polyester (EP), canvas, or cotton (CC) can be used as the material. The reinforced rigid layer is a unique reinforcement layer that is applied to the belt carcass in order to strengthen the transverse stiffness of the basic belt. The foundation belt's breadth is equivalent to that of a regular belt and complies with national regulations.
Corrugated sidewall: To improve the tear and flexibility resistance, prevent tear from tugging and compression, and lengthen the life of the sidewall, a tear-resistant canvas layer is within the corrugated sidewall. Light (N), medium (S), and heavy (ES) sidewalls belong to the S type, according to capacity.
Cleat: Constructed of a fiber composite material, which increases impact resistance and prevents deformation from force. The cleat can be turned into a mosaic type, like the TS and TCS, enabling simple repair in cases of extreme wear and tear. The choice is T type or TS type when the conveyor's inclination angle is less than 40°. If the inclination angle is greater than 40°, choose type C, TC, or TCS. To avoid material leaking from the space between them and creating a dead angle when unloading, the pitch of the cleat should be thought of to match the crest of the sidewall. Secondary low-temperature thermal vulcanization is used to join the sidewall, cleat, and base belts as well as the corrugated sidewall belt that our company manufactures. The bonding is strong, stable, smooth, and difficult to break. Bolts that join the cleat and sidewall together boost overall rigidity, enhance performance, and address the issue of material leak.

Standard & Technical

Type of sidewall	Height of sidewall(H)	Distance of crest(T)	Distance of crest(T)	Width of bas(BF)	Pre square meter(SK)	Clent (H)	Type of Clent (H)	Width of base (F)	Pre square meter(CTK)
S	60	44	42	45	0.61	50	CT	55	0.55
S	80	44	42	50	0.75	75	CT	70	1.29
S	120	44	42	50	1.69	110	CT	100	1.76
S	160	65	65	80	2.68	150	CT	100	2.24
S	200	70	65	90	3.53	180	CT	160	3.39
S	240	80	65	90	4.75	220	CT	160	5.00
S	300	90	70	95	7.03	280	CT	160	7.05

Width of base belt mm	Height of sidewall mm	Height of cleat mm	Width of sidewall base mm	Distance between sidewall mm	Di stance of edges between sidewall and base belt mm
300	40	35	25	180	35
	60	55	50	120	40
	80	75			
400	60	55	50	180	60
	80	75			
	100	90			
500	80	75	50	150	75
	100	60			
	120	110			
650	100	90	50	350	100
	120	110			
	160	140	75	300	
800	120	110	50	460	120
	160	150	75	410	
	200	180			
100	160	140	75	550	150
	200	180			
	240	220			
1200	160	140	75	690	180
	200	180			
	240	220			
	300	280	105	630	
1400	200	180	75	830	210
	240	220			
	300	280	105	770	
	400	360			
1600	200	180	75	970	240
	240	220			
	300	280	105	910	
	400	390			
1800	240	220	75	1110	270
	300	280	105	1050	
	400	360			
	500	460	125	1010	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