



CONVEYOR BELT SERIES



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PRODUCTION

SALES

MAINTENANCE

Excellent quality Trustworthy



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COMPANY PROFILE



CONVEYOR
BELTS

CRUSHER

SCREENING

SCREENING
EQUIPMENT



ABOUT US

Ningbo Kilomega International Trade Co., Ltd. was established in 2009. It is located in Ningbo, China, with over ten years of export experience.

Kilomega is a leading Chinese manufacturer and exporter of various rubber conveyor belts. Our business scope includes multi-ply fabric conveyor belts (EP, NN, CC), Chevron conveyor belts (C5, C10, C15, C25), steel cord conveyor belts, sidewall conveyor belts, PVC conveyor belts, food-grade conveyor belts, V-belts, transmission belts, conveyor rollers, and belt conveyor accessories. We also supply screen mesh and crusher spare parts.



OUR DISTRIBUTION

Our products are exported to over 30 countries, including the USA, Russia, Vietnam, the Philippines, Indonesia, Romania, Kazakhstan, the UAE, Saudi Arabia, and Oman.



OUR COMMITMENT

Kilomega is committed to strict quality control across our entire product range and on-time shipping schedules to uphold our solid reputation. We look forward to establishing business relations with your company and assure you that you will benefit from our years of export experience.

CONVEYING & SCREENING SYSTEMSOLUTIONS

Kilomega is a supplier of stone quarry equipment parts, including conveyor belts and parts, transmission parts, crusher and parts, and screening equipment and parts. We specialize in selecting and providing the best quality and value products to reduce downtime, extend component service life, and enhance productivity.

We adhere to an open strategy of mutual benefit and win-win cooperation, and are willing to work with you to create a better future.



APPLICATION SCENARIOS



Corrugated Conveyor Belt



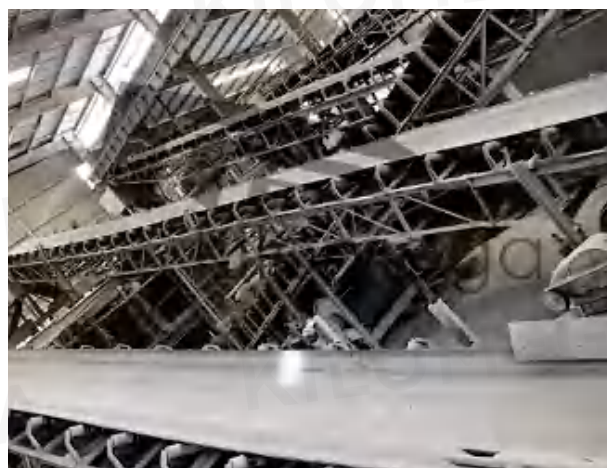
Flame Resistant Conveyor Belt



Oil Resistant Conveyor Belt



Heat Resistant Conveyor Belt



Cold Resistant Conveyor Belt



Tear Resistant Conveyor Belt

OUR ADVANTAGES

Few Chinese suppliers can meet above requirements!

01、High-quality



The structure of conveyor belt is mainly composed of tensile layer and covering rubber.

02、Good flexibility



This equipment is mainly used for transporting granular or medium, grained wear-resistant materials at room temperature.

03、Compliance with multiple standards



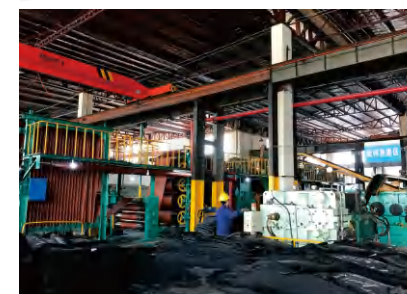
GB/T 7984-2001, DIN 22102, BS 490, AS 1332-2000, SANS 1173:2005 etc.

04、Cost-effective

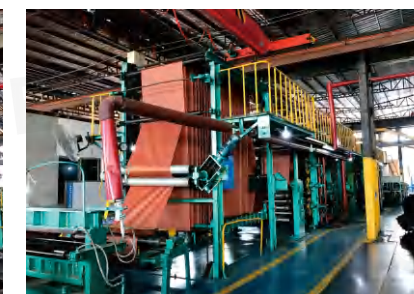


Direct factory pricing-no middlemen, just great value!

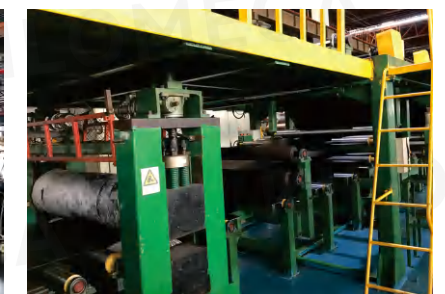
Production process



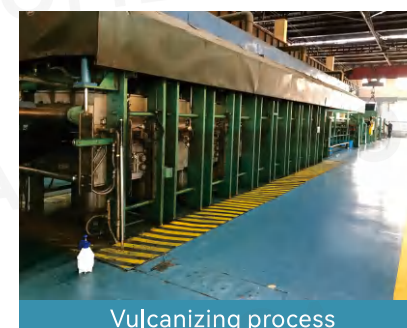
Rubber mixing process



Calendering process



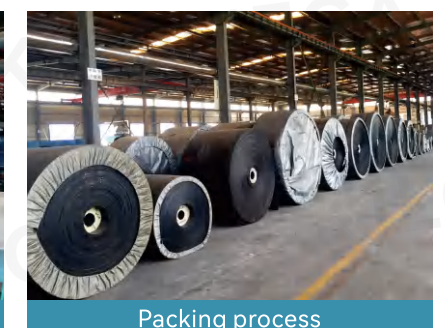
Molding Process



Vulcanizing process



Surface inspection process



Packing process

CONVEYOR BELT

EP CONVEYOR BELT

Product Description

Polyester conveyor belts (EP conveyor belts) are widely used in coal, mining, ports, metallurgy, electric power, chemical industry and other fields to transport materials.

Characteristics:

- 1、High strength, thin belt body, light weight
- 2、Use EP dipped canvas as the skeleton material
- 3、The belt body is soft, has good troughing properties, and has good elasticity.
- 4、Impact resistance, wear resistance, and corrosion resistance.
- 5、Adaptable to larger load capacity, faster speed, and medium and long-distance material transportation.
- 6、Smooth operation and no deviation.

Specifications and technical parameters of polyester multi-layer conveyor belts							
Fabric Type	Fabric structure		Fabric specs	Ply thickness (mm/p)	Strength series (N/mm)		
	Warp	Weft			2layer	3layer	4layer
Polyester (EP)	Polyester	Nylon	EP-100	1.00	200	300	400
			EP-125	1.05	250	375	500
			EP-150	1.10	300	450	600
			EP-170	1.10	340	510	680
			EP-200	1.20	400	600	800
Core material		Adhesion strength					
		Between fabric layers (N/mm)	Between covering layer and cloth layer (N/mm)				
			Thickness of Layer ≤1.5mm		Thickness of Cover ≥1.5mm		
polyester canvas		≥5	≥4.5		≥5		
Extended performance							
Full thickness longitudinal tensile elongation at break				Full thickness longitudinal reference force elongation			
≥10%				≤4%			
Cover Grade	Tensile Strength≥	Elongation at break≥	Wear loss≤		Tensile Strength and Elongation at Break after Aging		
	Mpa	%	mm³		%		
H	24	450	120		-25~+25		
D	18	400	100		-25~+25		
L	15	350	200		-25~+25		

NYLON CONVEYOR BELT

Product Description

Nylon (NN) conveyor belt has the characteristics of thin belt body, high strength, impact resistance, good groove formation, strong inter-laver adhesion, excellent flexibility and long service life. It is suitable for shortand medium distances and high load capacity, transporting materials under high-speed conditions, widely used in mining,, coal fields, chemical industry, metallurgy, construction, ports and other departments.

Features:

- 1、The belt body has good elasticity, impact resistance and wear resistance.
- 2、Good flexibility and easy to groove.
- 3、No mildew corrosion occurs.

Specifications and technical parameters of nylon multi-layer fabric core conveyor belt							
Fabric Type	Fabric structure		Fabric specs	Ply thickness (mm/p)	Strength series (N/mm)		
	Warp	Weft			2layer	3layer	4layer
Nylon (NN)	Nylon (N)	Nylon (N)	NN-100	1.00	200	300	400
			NN-125	1.05	250	375	500
			NN-150	1.10	300	450	600
			NN-200	1.10	340	510	680
			NN-250	1.20	400	600	800
Core material		Adhesion strength					
		Between fabric layers (N/mm)	Between rubber and carcass (N/mm)				
			Thickness of Layer ≤1.5mm		Thickness of Cover ≥1.5mm		
Nylon canvas		≥5	≥4.5		≥5		
Extended performance							
Full thickness longitudinal tensile elongation at break				Full thickness longitudinal reference force elongation			
≥10%				≤4%			
Cover Grade	Tensile Strength≥	Elongation at break≥	Wear loss≤		Tensile Strength and Elongation at Break after Aging		
	Mpa	%	mm³		%		
H	24	450	120		-25~+25		
D	18	400	100		-25~+25		
L	15	350	200		-25~+25		

STEEL CORD CONVEYOR BELT

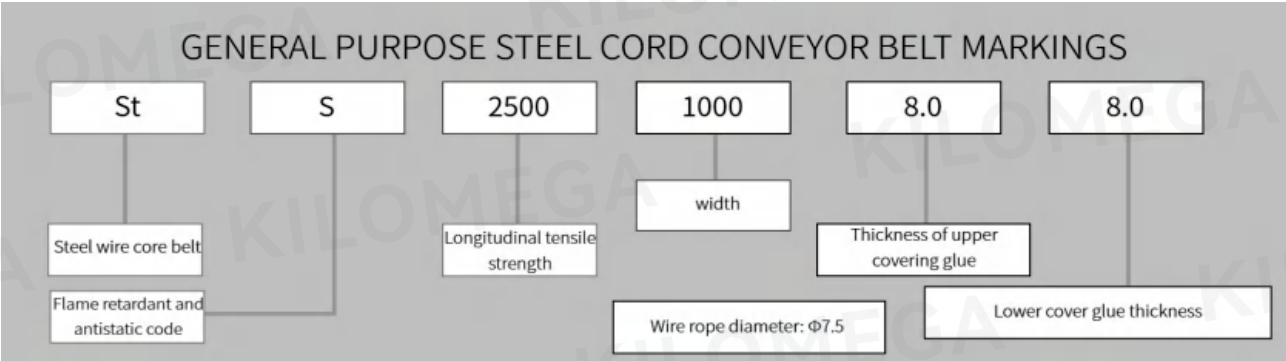
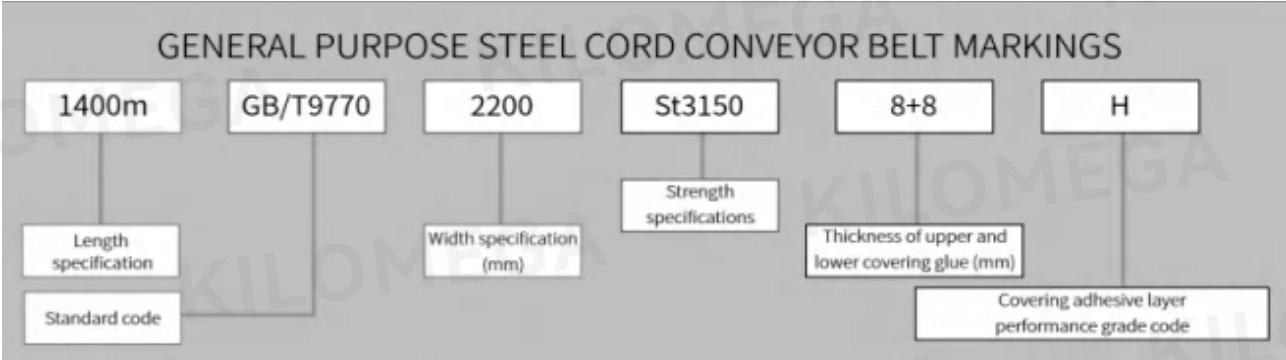
Product Description

Steel cord conveyor belt is a rubber conveyor belt with steel cord as the skeleton. it has the advantages of high tensile strength, good impact resistance, long service life, small elongation in use, good groove formation, and good flex resistance. It is suitable for conveying materials over long distances, large distances, and high speeds. This product is composed of core glue, steel wire rope, covering layer and edge glue.

Features:

- 1. High strength and high safety factor,
- 2. Minimal elongation and short tensioning stroke;
- 3. Strong combination of wire rope and rubber, excellent dynamic performance;
- 4. Soft belt body, good troughing properties, and good straight-Line running performance.;
- 5. Excellent impact resistance,
- 6. Reliable joints and long service life.

Germany Specification and technical data of multi-ply Steel Cord conveyor belt													
	REFERENCE ITEM					Width (mm)							
	Minimum Tensile strength N/mm	Maximum wire rope diameter	rope distance mm±1.5	Rubber Cover Thickness (least)	Width	500	650	800	1000	1200	1400	1600	1800
						Width (mm)							
						±5	±7	±8	±10	±10	±12	±12	±14
St1000	1000	4.10	12	4	CORD NUMBER	39	51	64	81	97	114	131	147
St1250	1250	4.90	14	4		34	44	55	69	84	98	112	127
St1600	1600	5.60	15	4		-	-	50	64	77	90	104	117
St2000	2000	5.60	12	4		-	-	64	81	97	114	131	147
St2500	2500	7.20	15	5		-	-	-	64	77	90	104	117
St3150	3150	8.10	15	5.5		-	-	-	64	77	90	104	117
St3500	3500	8.10	15	5.5		-	-	-	64	77	90	104	117
St4000	4000	8.10	15	7		-	-	-	64	77	90	104	117



Rubber cover properties of the belts			
Cover Grade	Tensile strength(Mpa) ≥	Elongation at break(%) ≥	Abrasion(mm³) ≤
D	18	400	100
H	24	450	120
L	15	350	200
P	14	350	200

Note: D—Working conditions with strong wear and tear; H—Working conditions with strong scratches; L—General working conditions; P—Oil-resistant, heat-resistant, general flame-retardant conveyor belts

Rubber cover properties of the belts			
Performance Grade	Tensile strength(Mpa) ≥	Elongation at break(%) ≥	Abrasion(mm³) ≤
W	18	400	90
X	25	450	120
Y	20	400	150
K*	20	400	200

Note: *Applicable to general flame-retardant conveyor belts that comply with DIN22103, and their covering glue meets the requirements of DIN22104

Germany Specification and technical data of multi-ply Steel Cord conveyor belt														
	REFERENCE ITEM					CORD NUMBER	Width (mm)							
	Minimum Tensile strength N/mm	Maximum wire rope diameter	rope distance mm±1.5	Rubber Cover Thickness (least)	Width		500	650	800	1000	1200	1400	1600	1800
							Width (mm)							
							±5	±7	±8	±10	±10	±12	±12	±14
St1000	1000	4.10	12	4		39	51	64	81	97	114	131	147	
St1250	1250	4.90	14	4		34	44	55	69	84	98	112	127	
St1600	1600	5.60	15	4		-	-	50	64	77	90	104	117	
St2000	2000	5.60	12	4		-	-	64	81	97	114	131	147	
St2500	2500	7.20	15	5		-	-	-	64	77	90	104	117	
St3150	3150	8.10	15	5.5		-	-	-	64	77	90	104	117	
St3500	3500	8.10	15	5.5		-	-	-	64	77	90	104	117	
St4000	4000	8.10	15	7		-	-	-	64	77	90	104	117	

ENDLESS CONVEYOR BELT

Product Description

Endless conveyor belt has been made into endless without obvious joint, defect in the belt surface. The belt shall not be shortened in service life due to early failure in joints of the belt. The belt is flat in surface and even in tension, thus it runs smoothly with low elongation in working.

Classification of performance: General belt; Oil resistant; Heat resistant; Chemical resistant; Fire Resistant; Cold Resistant; Abrasion Resistant; High Temperature Resistant.

Structure: Cut edge , Mould edge

Feature: Endless conveyor belt type. The belt is done by hot vulcanization, so it is strong as the belt body. When manufacture we make the endless conveyor belt by hot vulcanizing, the feature is that the fabric is twining with no joint, which makes sure of the stable service life of the belt. The surface of the belt is smooth. It can runs smoothly even in tension. It's elongation in work is low.

Applications: It is very suitable for mid-short distance and high-speed conveying.

Optional sidewall/cleats can be added

Standards:Can be manufactured following various fabric standards:
GB/T7984, GB/T10822, HG3714, HG3782, DIN2210, AS1332, JISK6322

Note: Recommend to use impact wire mesh for carcass, combined with heat resistant and ageing resistant cover compounds, will be more suitable for conveying high temperature materials.

Endless Conveyor Belt Splicing:

Conveyor belt can be rendered endless by jointing the two ends of a length of belt either by vulcanized splicing or by using mechanical fasteners. The former is recommended for better results. Hot vulcanizing method of belts are followed by HIC for best durability.

Splicing: V shaped (often called diamond) type of joints are strongly recommended.The extra length required to make the belt endless to requisite size shall be calculated by the following formula:Splice Length = W + 150 (N-2) + 25 mm where.

W is width of belt (in mm)
N is the number of plies.

For splicing procedure, please refer our separate detailed manual and for your splicing tool requirements viz. Vulcanizing machine, tools & instruments, solution & cover compound, kindly call us.

CALCULATION OF BELT ROLL DIMETRS
Where D = Roll Diameter (m)
d = Belt Thickness (m)
L = Belt Length (m)
K = Diameter of Core (m)

$$D = 4d \cdot L / P + K^2 \text{ (M)}$$

FLAME RETARDANT CONVEYOR BELT

Product Description

This product is made of polyester canvas and nylon canvas through calendering, molding, vulcanization and other processes. This product is suitable for non-corrosive transportation in flammable and explosive environments such as coal mines.

A variety of materials in the form of lumps, granules, and powders without spikes, such as coal and other bulk materials or finished items.

Overlay Performance			
Project	unit	level L	level D
Tensile Strength	Mpa	≥14	≥18
Elongation at break	%	≥400	≥450

Project	Flame retardant performance level	
	K2	K3
flame duration	Flame duration <15s	Average flame duration <60s
Static conductive properties	≤3*10 ⁸ Ω	
Reignitability	There should be no re-appearance of flame on any specimen.	

Flame retardant conveyor belts test based on EN/SO 340:

- Anti-static: ≤3x10⁸
- Drum friction: no flame under the condition of 325℃C
- Buring test:

A. For individual test sample of fire resistant conveyor belts,the time it takes to self-extinguish should beno more than 15 seconds.

B. For each group of six test pieces,the maximum cumulative time they take to self-extinguish should beno more than 45 seconds.



Flame retardant conveyor belt sample



Normal conveyor belt sample



Put six individual samples of the belt on a naked flame



Put six individual samples of the belt on a naked flame



The flame goes out within 10 seconds after leaving the fire



Continue to burn after leaving the fire

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HEAT -RESIATANT CONVEYOR BELT

Product Description

The belt core of this product is made of polyester canvas with high modulus, low shrinkage and extremely high tear strength. The covering rubber is made of EPDM or chlorinated butyl rubber with good hightemperature resistance, and is combined with high temperature resistant materials for composite molding.

Is refined through vulcanization and other processes. After special impregnation and shaping treatment, the belt core of this product has high bonding strength, small elongation and deformation and excellent wear performance under normal use conditions below 180°C, it is mainly used in metallurgy, construction and ther industries to transport high-temperature materials such as sinter, coke, cement clinker and so on.

Physical performance indicators					
Project		Category			
		T1	T2	T3	T4
		Experimental temperature			
		≤100℃	≤125℃	≤150℃	≤180℃
		Allowed range of variation			
hardness	After aging - before aging	+20	+20	±20	±20
	Maximum value after aging	85	85	85	85
Tensile Strength	Performance change rate	-25	-30	-40	-40
	Minimum value after aging Mpa	12	10	5	5
Elongation at break	Change rate after aging	-50	-50	-55	-55
	lowest value after aging	200	200	180	180

Typical Applications

This conveyor belt is widely used in industries requiring stable performance under high temperature, abrasion, and chemical environments, including:

- Cement plants for clinker and cement conveying
- Steel and metallurgy industry for sinter and coke transportation
- Chemical industry for acid and alkali material conveying
- Mining and quarry operations for bulk materials
- Construction industry for hot and abrasive materials

Working Conditions

- Continuous working temperature: ≤180℃
- Short-time peak temperature: ≤200℃
- Suitable for dry or slightly wet bulk materials
- Applicable for heavy-duty and continuous conveying systems

ACID AND ALKALI RESISTANT CONVEYOR BELT

Product Description

Acid and alkali resistant conveyor belt is a kind of conveyor belt suitable for contact with acid and alkali, such as phosphate fertilizer manufacturing, seawater sun salt, covering rubber is blended with rubber and plastic and filled with excellent acid and alkali resiatance inert material.

Project			Tensile Strength Mpa	Elongat ion at break %	Amount of wear mm³	hardness	Ozone aging
Cover glue	Physical properties	before aging	≥ 14.0	≥ 400	≤ 250	55-70	No cracks
		After aging	≥ 12.0	≥ 340	—	60-75	—
	Acid and alkali resistance	Category	Soaking solution	concent ration	Soaking conditions	Performance change rate before and after soaking	
		A1	hydrochloric acid	18%	50℃×96h	the following +10%	Within +10%
		A2	sulfuric acid	50%	50℃×96h	the following +10%	Within +10%
		A3	sodium hydroxide	48%	50℃×96h	the following +10%	Within +10%

Product Structure

- Top Cover: Heat, acid and alkali resistant rubber compound
- Carcass: High-modulus, low-shrinkage polyester fabric
- Bottom Cover: Anti-aging and abrasion resistant rubber

Key Advantages

- Excellent resistance to high temperature and thermal aging
- Strong bonding between layers with low elongation
- Stable performance after long-term aging
- Suitable for harsh industrial environments

OIL RESISTANT CONVEYOR BELT

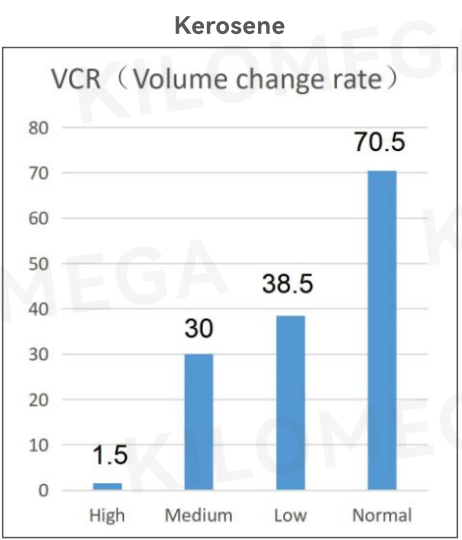
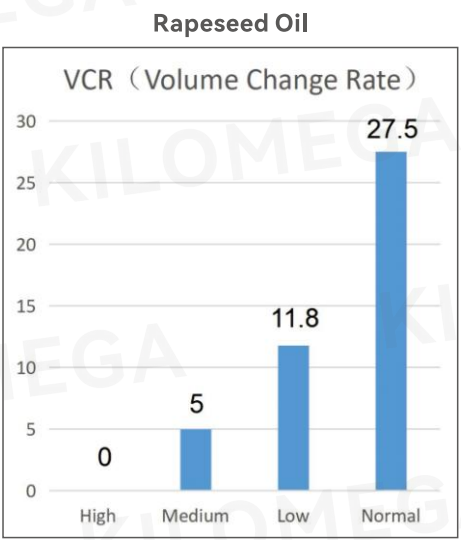
Product Description

Oil-resistant conveyor belts are made of nylon canvas and polyester canvas through processes such as calendering, molding and vulcanization. They have relatively good oil resistance and are suitable for conveying oil-containing materials, as well as in some situations where oily and chemical solvents may occur. Specific volume changes occur. It has the advantages of low efficiency, high strength and wide range of use.

Technical indicators

- Oil-resistant conveyor belts are divided into two types: wear-resistant type (D) and general type (L) according to the performance of the covering rubber.
- Oil resistance is divided into two levels: Y1 and Y2.

Volume Change Rate / Type Of Belt



FILTER CONVEYOR BELT

Basic product description

The filter conveyor belt enables continuous washing, filtering, drying and filter cloth regeneration. It has high filtration efficiency, large production capacity, good washing effect and low filter cake moisture. Flexible operation and other characteristics. This conveyor belt is matched with the belt vacuum dehydrator. It is widely used in continuous filtration and dehydration in chemical industry (especially fertilizer) production; mining production of aluminum hydroxide, coal slurry, metal concentrate, metal flotation and comprehensive utilization, and mining tailings dehydration: especially in smoke removal in electric power and other industries. In environmental protection projects such as gypsum dehydration in gas desulfurization and solid-liquid separation in sewage treatment.

COLD-RESISTANT CONVEYOR BELT

Product Description

Using nylon canvas or polyester canvas as the belt core can be used normally in an environment of minus 40°C. The covering glue is a combination of natural rubber and butadiene rubber, which has high elasticity, impact resistance and cold resistance and other characteristics.

Nominal thickness of upper and lower covering layers/mm		limit deviation		
≤4		Upper deviation: Not specified Lower deviation: 0.2mm		
>4		Upper deviation: Not specified Lower deviation: 5% of the basic size		
Cover physical properties Project		index		
		H	D	L
Tensile strength/Mpa is not less than		24	18	15
Elongation at break/% is not less than		450	400	350
Wear amount/mm³		120	100	200
Aging test		-25~+25	-25~+25	-25~+25
Cold resistance	Tensile strength change rate/%	C1(-45°C)	±20	
		C2(-50°C)	±25	
	Change rate of elongation at break/%	C1(-45°C)	±20	
		C2(-50°C)	±30	



HIGH WEAR-RESISTANT CONVEYOR BELT

Product Description

Through measures such as light weighting the conveyor belt body, improving rubber elasticity and reducing the rubber friction coefficient, the running resistance caused by the conveyor device on the belt surface during the operation of the conveyor belt is greatly reduced, and a reasonable transmission friction coefficient is achieved to save electricity by 10 - 15% effect. The surface covering layer has high elasticity and excellent wear resistance, making the conveyor belt wear-resistant and impact-resistant, and extending its service life. It is suitable for medium and long-distance material transportation in mining, docks, electric power, metallurgy, chemical industry, coal and other industries. Product advantages: save electricity, no need for equipment modification.

ENDLESS CONVEYOR BELT

Basic product description

The endless conveyor belt refers to the fact that after the production of the flat conveyor belt is completed, due to the environment or conditions of use, when the endless conveyor belt must be used, the flat conveyor belt will be vulcanized (also called hot-bonded) to make it a circular conveyor belt.

INTELLIGENT CONVEYOR BELT

Basic product description

Tear alarm: When the conveyor belt encounters foreign matter puncture and damages the induction ring embedded in the belt body during operation, the signal is transmitted to the central console, emergency braking is initiated and the alarm is triggered.

Deviation alarm: When the conveyor belt deviation occurs during operation, and the distance between the induction coil and the sensor in the belt body exceeds the set value, the signal is transmitted to the central console, emergency braking is initiated and the alarm is issued.

Blockage alarm: Material blockage occurs during the operation of the conveyor belt. The sensor detects abnormal running speed of the conveyor belt, and the signal is transmitted to the central console, which initiates emergency braking and alarms. This product can be used for long-distance solid materials transportation in mining, docks, electric power, metallurgy, chemical industry, coal and other industries.

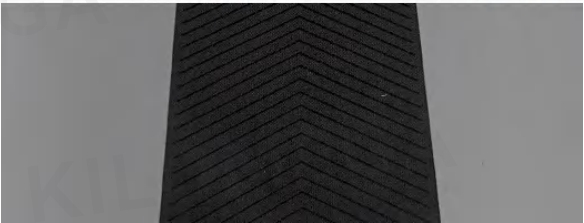
ANTI-TEAR CONVEYOR BELT

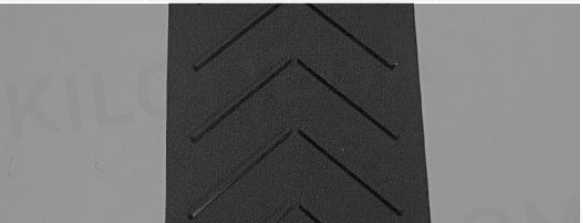
Basic product description

The conveyor belt is provided with transversely uniformly arranged high-extension steel wire ropes or high-strength and high-extension chemical fiber ropes (on or above and below) the steel wire rope core or fabric core as the tear-resistant layer, and the tear-resistant layer is perpendicular to the running direction of the conveyor belt. When the conveyor belt transports hard and sharp materials, the anti-tear layer can prevent the sharp and hard objects from being punctured. Once punctured, it can also generate enough resistance to resist the sharp and hard objects from tearing the tape, thus effectively preventing the conveyor belt from tearing.

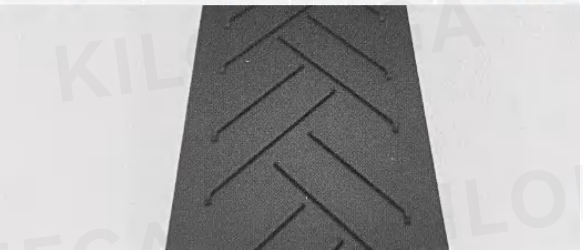
This conveyor belt is suitable for use in mining, docks, metallurgy, building materials, coal and other places where sharp and hard objects are conveyed and the material drop height is large.

CHEVRON CONVEYOR BELT

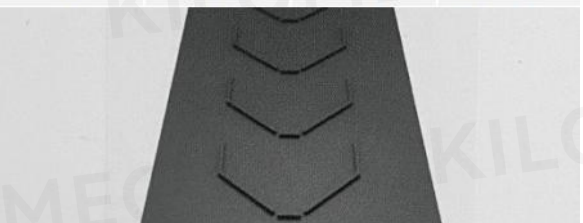
No.1			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
5	1216	80	300-1200
			

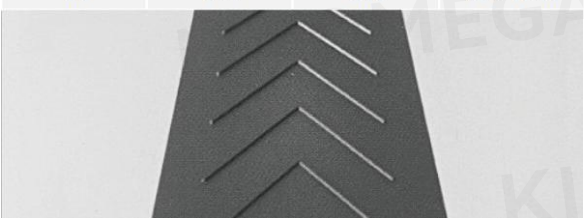
No.2			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	600	250	650-1000
			

No.3-1			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	520	200	600-1200
			

No.5			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	750	300	800-1200
			

No.6			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	420	200	600-1200
			

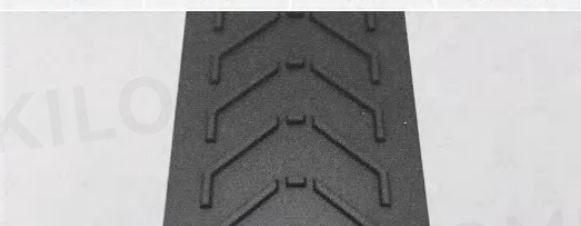
No.7			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	450	320	500-1200
			

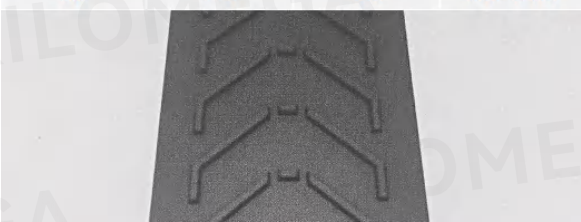
No.9			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	800	300	850-1200
			

No.11			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
12.7	914.4	200	≤1300
			

No.12			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	385	256	400-1200
			

No.13			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	750	250	800-1200
			

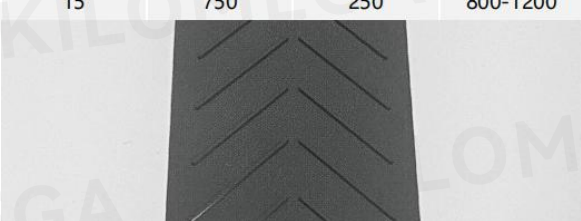
No.25			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	575	330	600-1200
			

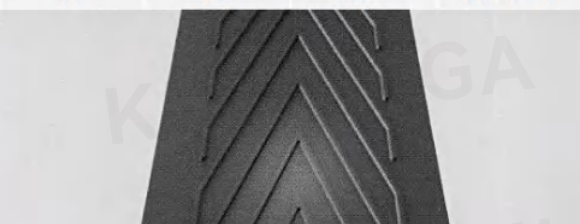
No.26			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	775	330	800-1200
			

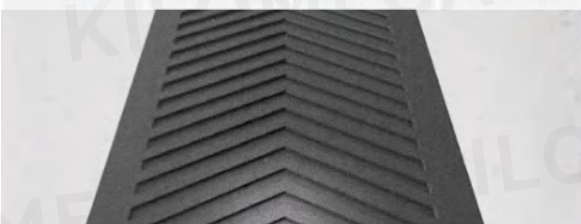
No.14			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	600	250	650-1200
			

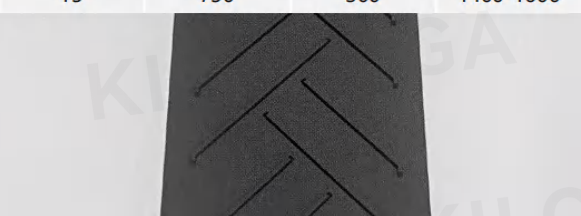
No.15			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	550	250	600-1200
			

No.28			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	540	170	600-1200
			

No.29			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	750	250	800-1200
			

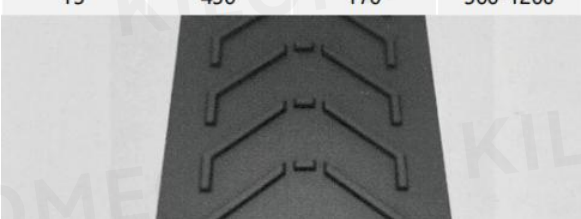
No.16			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	450	250	500-1200
			

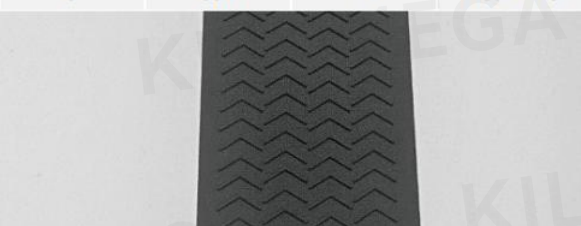
No.17			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
-2	520	55.4	600-1200
			

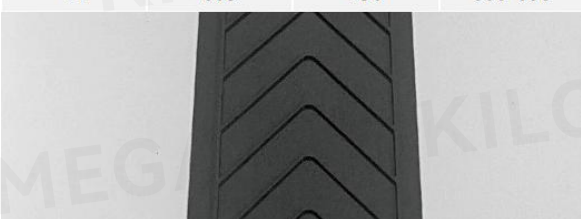
No.30			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	750	300	1400-1600
			

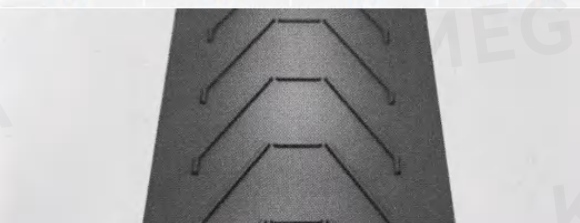
No.33			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
20	510	250	650-1200
			

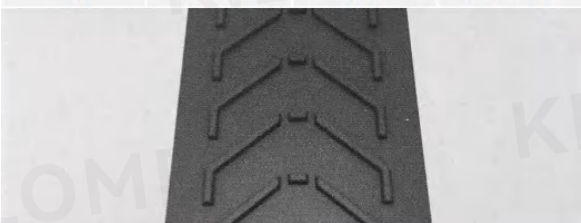
No.19			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
6	1240	25	≤1219
			

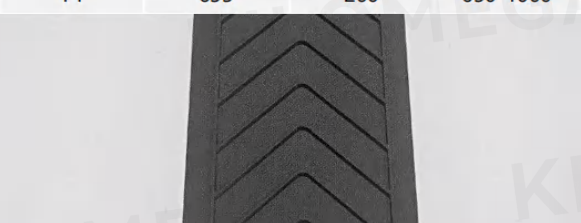
No.22			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	450	170	500-1200
			

No.34			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
6	601	77	1200-1219
			

No.35			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
14	605	250	600-800
			

No.23			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	750	450	800-1200
			

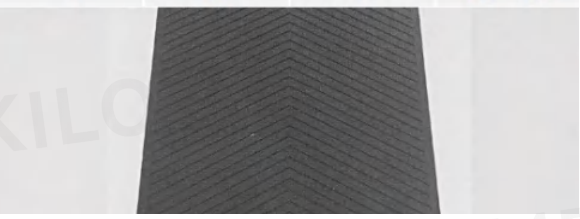
No.24			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	475	330	500-1200
			

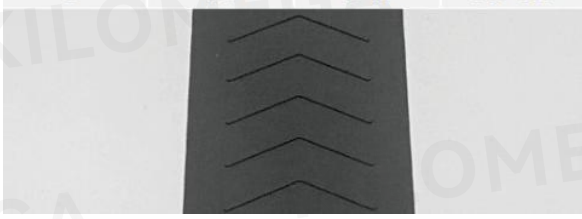
No.36			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
14	655	200	650-1000
			

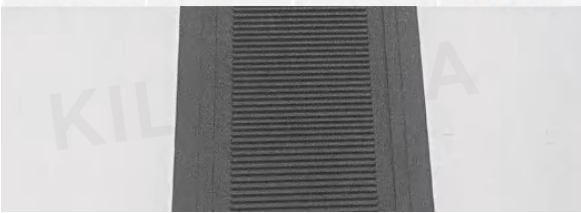
No.37			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
12.5	1067	381	1200-1600
			

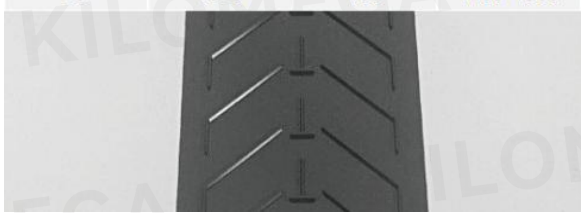
No.38			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
5	565	154.5	600-800
			

No.39			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
10	1310	85.5	500-1200
			

No.50			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
-2	1300	50	500-1300
			

No.51			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
5	465	154.5	500-800
			

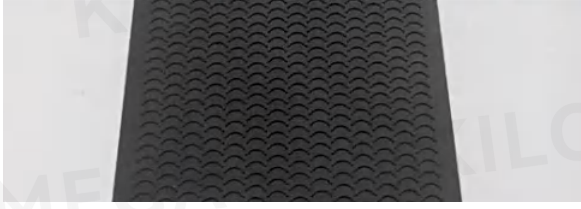
No.40			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
9.7	490	25	600-800
			

No.42			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	1020	400	1200-1800
			

No.52			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
5	665	154.5	700-750
			

No.54			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
5	965	154.5	1000-1200
			

No.44			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	450	225	500-800
			

No.45			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
12.7	2135.9	98	1219-2134
			

No.55			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
5	1540	200	800-1200
			

No.56			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	300	200	400-500
			

No.46			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
16	330	250	500-550
			

No.47			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
16	440	250	600-700
			

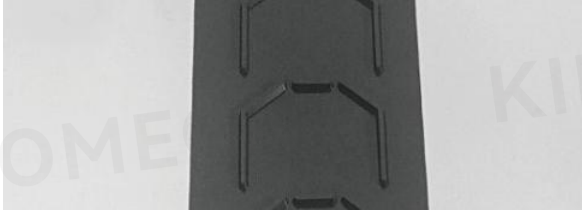
No.57			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	605	230	600-700
			

No.58			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	811	306	800-1000
			

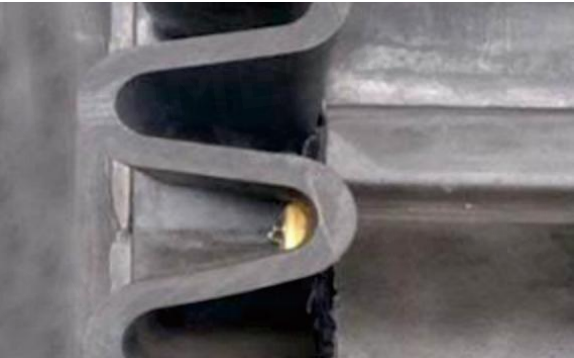
No.48			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
16	540	250	800-900
			

No.49			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
16	720	250	1000-1200
			

No.59			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	509	235	500-550
			

No.61			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	375	330	600-800
			

SIDEWALL CONVEYOR BELT



Special treated steel mesh inserted into both top cover and bottom cover, creating an excellent combination of longitudinal flexibility and transverse rigidity. The entire steep angle conveyor belts are highly durable, low elongation and long-lasting.



Fabric inside sidewall perfectly combines flexibility and strength to effectively avoid tearing.



Cleats are the main part to carry materials in a high capacity and steep angle. Available with TC or TCS type. Special compounds to extremely avoid deformation caused by impact.



Sidewall conveyor belts are composed of three parts: base belt, sidewall, and cleats. Possible to convey at steep angle with big capacity in a limited space.



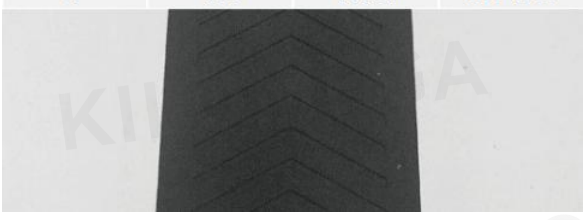
Sidewall is hot vulcanized on the base belt. High quality rubber to guarantee sidewall withstand highly stress and repeated flexing.

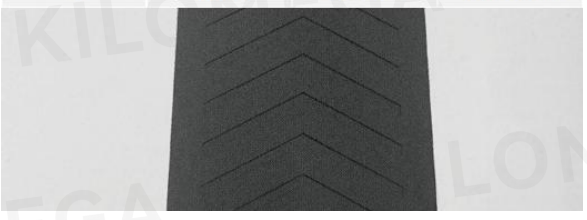


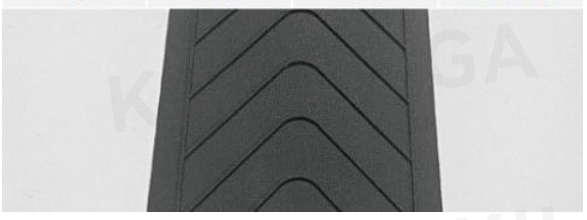
Cleats are also hot vulcanized on the base belt. Fabric inside cleats protects cleats from deformation caused by impact.

No.62			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
-2	740	50	800-1000
			

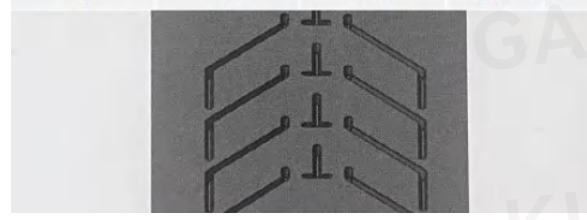
No.63			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
3	550	121.24	600-800
			

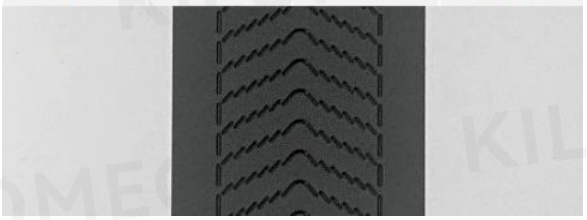
No.64			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
3	700	121.24	800-1000
			

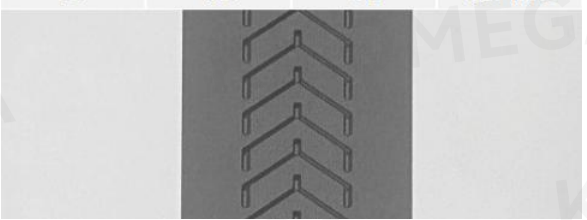
No.66			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
3	700	121.24	800-1200
			

No.67			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	1010	306	1000-1200
			

No.68			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	656.5	232.5	650-800
			

No.70			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
25	750	340	800-1200
			

No.73			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	850	190	850-1200
			

No.75			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
26	400	200	450-1200
			

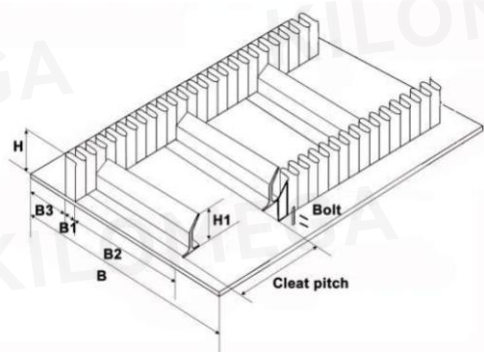
No.76			
C.H.(mm)	C.W(mm)	C.P(mm)	B.W(mm)
15	380	250	400-1200
			

METHOD OF USE AND MAINTENANCE

Sidewall conveyor belts are composed of three parts:basebelt,sidewall and cleats.

Sidewall and cleats are connected with base belt bysecond hot vulcanizing,which create a super-strength bond between sidewall,cleats and base belt,preventing base belt aging caused by multivulcanizing.

The entire steep angle conveyor belts are highly double,lowelongation and long lasting.



Base belt width(B)	Sidewall height(H)	Cleat height(H1)	Bottom width of sidewall(B1)	Cleat width(B2)	Empty width(B3)
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	250	75
	100	90			
650	100	90	50	350	100
	120	110		300	
	160	140		75	
800	120	110	50	460	120
	160	140	75	410	
	200	180			
1000	160	140	75	550	150
	200	180			
	240	220			
1200	160	140	75	690	180
	200	180			
	240	220			
	300	260	100	640	
1400	200	180	75	830	210
	240	220			
	300	260	100	780	
	400	360			

- 1.Direct sunlight or drenching should be avoided during conveyor belt in transit and in storage. Prevent the contact with substances such as acid, alkaline, oils, organic solvent and so on, and rubber belt should be placed over one meter away from a heat source.
- 2.The warehouse temperature should be ranging -18℃ ~ 40℃, and the relative humidity during 50-80% storage.
- 3.The products should be placed by rolls and should not be enfolded.
- 4.They should be turned and moved once a quarter during storage.
- 5.Conveyor belts of different type, specs and layer should not be spliced and used. For splicing, the best way is via agglutination method.
- 6.The matching of drive drum diameter and the number of belt layers, the collocation of the drive drum with turn-about drum, and the requirement on the well angle of carrying roller should be stipulated in accordance with the conveyor design and selected reasonably.
- 7.Feeding should be performed in the same direction as the belt running. To reduce the impact of the falling materials done to the belt, chutes shall be set up to reduce the materials falling distance. The section that loads materials of rubber belt should use shorter carrying roller pitch and buffer roller to prevent spillage. The sides of the belt should adopt sinker plate of proper flexibility lest rigid striker plate scratch and damage the surface of the belt.
- 8.The following attention should be paid during operation:

(1) It should prevent the carrying roller from being covered with materials which would result in malfunctioning; prevention of the fallen materials being jammed between drums and belts. Attention should be paid to the lubrication on moving parts, and it should not contaminate the belts.

(2) Loaded start-up should be avoided.

(3) A timely correction shall be carried out when off-track occurs. Timely mending shall be done when there is a partial damage on the surface of the belt, to prevent the damaged pads from being expanded.

(4) To prevent the belt from being blocked by the frame, supporting



FACTORY SHOWCASE



DIN grinding machine



Sealed rotorless vulcanizer



Oil resistance test tank (constant temperature oil tank)



Servo control computer system tensile testing machine



Rubber thickness gauge



Conveyor belt cracking resistance testing machine