

# Product Catalogue 产品目录

<b>Heavy Duty Fabric Conveyor Belts 重型织物输送带</b> .....	3
Nylon (NN) Conveyor Belt 尼龙输送带 .....	4
Polyester (EP) Conveyor Belt 聚酯输送带 .....	5
Bare Back Belt 裸背带 .....	5
Cotton (CC) Conveyor Belt 棉帆布输送带 .....	6
Oil Resistant Conveyor Belt 耐油输送带 .....	6
Heat Resistant Conveyor Belt 耐热输送带 .....	7
Chemical Resistant Conveyor Belt 耐酸碱输送带 .....	7
High Abrasion Resistant Conveyor Belt 高耐磨输送带.....	8
Straight Warp (SW) Belt 单层直径输送带.....	8
Flame Resistant Belt 阻燃输送带 .....	9
Cold Resistant Belt 耐寒输送带 .....	9
Chevron Conveyor Belt 花纹带.....	10
Sidewall Conveyor Belt 挡边输送带 .....	11
Elevator Conveyor Belt 提升输送带.....	12
PVC/PVG Solid Woven Belt 整芯织物输送带 .....	13
Endless Belt 环形输送带 .....	14
Flat Transmission Belt 平型传动带 .....	14
Steel Cord Conveyor Belt 钢丝绳输送.....	15
<b>Rubber Sheets 橡胶板</b> .....	16
<b>Conveyor Accessories 输送机辅件</b> .....	16
Idlers/Rollers 托辊滚筒 .....	16



## Heavy Duty Fabric Conveyor Belts 重型织物输送带

- The universal fabric conveyor belts are made of EP, NN or Cotton fabric and finished through the processes of calendaring, firming and vulcanizing, etc.
- It is suitable to convey in normal temperature non-corrosive pointless lumps, granules or powders such as coal, coke, sand and cement in bulk or packaged.
- Belts with cover grade are in accordance to International standards such as DIN 22102, RMA, AS 1332, SABS 1173/2000, IS 1891, BS 490, JIS K 6322, etc.

输送带是胶带运输机的主要部件，起承载物料的作用，广泛应用于冶金、建材、码头、矿山等行业。使用输送带作为运输载体和其它运输方式相比具有操作安全、使用方便、维护容易、运费低廉且可实现连续化、缩短运输距离等优点。在一定范围内已成为公路、铁路运输的替代者。普通输送带适用于一般条件下输送无特殊腐蚀性常温块状、粒状、粉状物料。强力层为优质重型棉帆布或维棉、涤棉帆布。产品特点 a. 输送带由全棉帆布或维棉交织浸浆帆布经过压延、成型、硫化等工序精制而成；b. 普通输送带适用于煤炭、砂石、水泥等无尖刺块状、粒状、粉末无腐蚀性的物品运输；c. 普通输送带可制成包边式、开边式收缩输送带、中梯型输送带、边梯型输送带等不同结构。

Standards	Cover Rubber			Adhesion		
	Tensile Strength	Elongation at break	Abrasion	Cover to Ply	Cover to Ply	Ply to Ply
DIN 22102	Mpa	%	mm <sup>3</sup>	N/mm	N/mm (>1.5mm)	N/mm
DIN 22102-Z	15	350	250	3.5	4.5	5
DIN 22102-W	18	400	90	3.5	4.5	5
DIN 22102-Y	20	400	150	3.5	4.5	5
DIN 22102-X	25	450	120	3.5	4.5	5

Standards	Cover Rubber			Adhesion		
	Tensile Strength	Elongation at break	Abrasion	Cover to Ply	Cover to Ply	Ply to Ply
RMA	Mpa	%	mm <sup>3</sup>	N/mm (≤1.6mm)	N/mm (>1.6mm)	N/mm
RMA-I	17	400	200	3	4.4	4
RMA-II	14	400	250	3	4.4	4

Standards	Cover Rubber			Adhesion		
	Tensile Strength	Elongation at break	Abrasion	Cover to Ply	Cover to Ply	Ply to Ply
AS 1332	Mpa	%	mm <sup>3</sup>	N/mm (≤1.9mm)	N/mm (>1.9mm)	N/mm
AS 1332-N17	17	400	200	4	4.8	6
AS 1332-M24	24	450	125	4	4.8	6

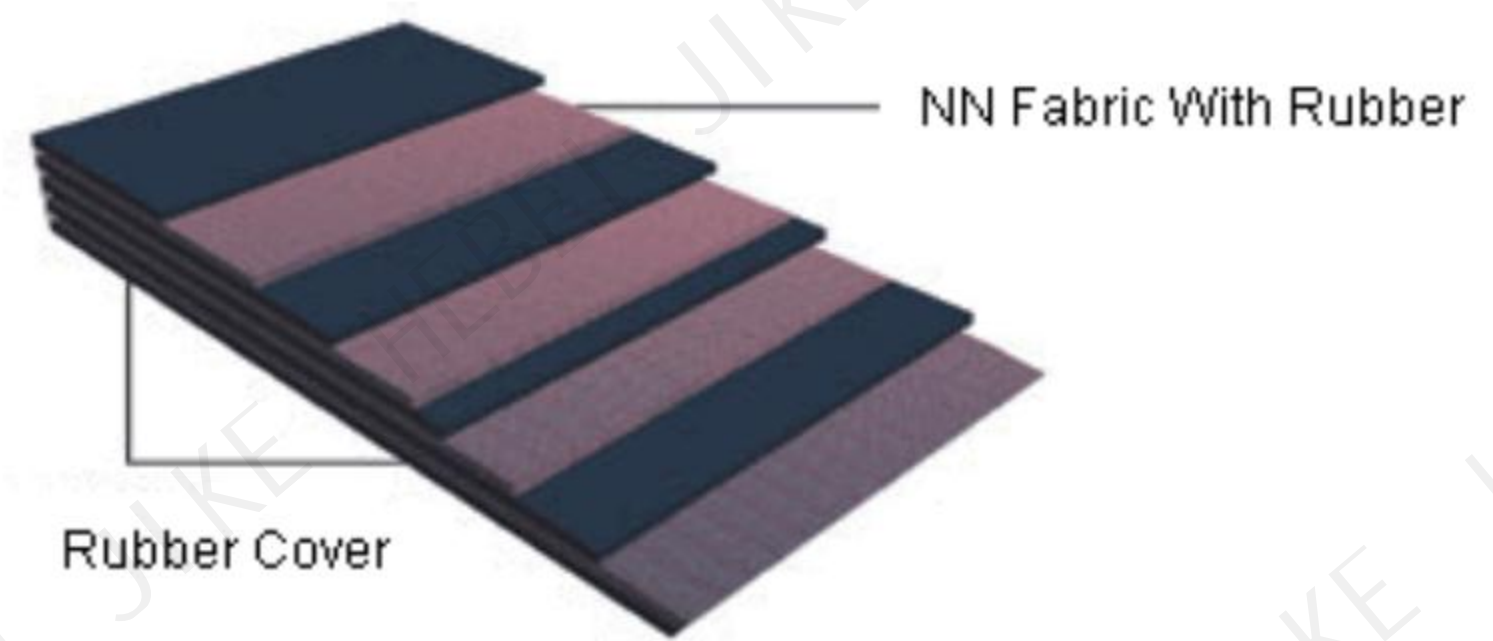
jane840725@hotmail.com

janeliu@qualitywiremesh.com

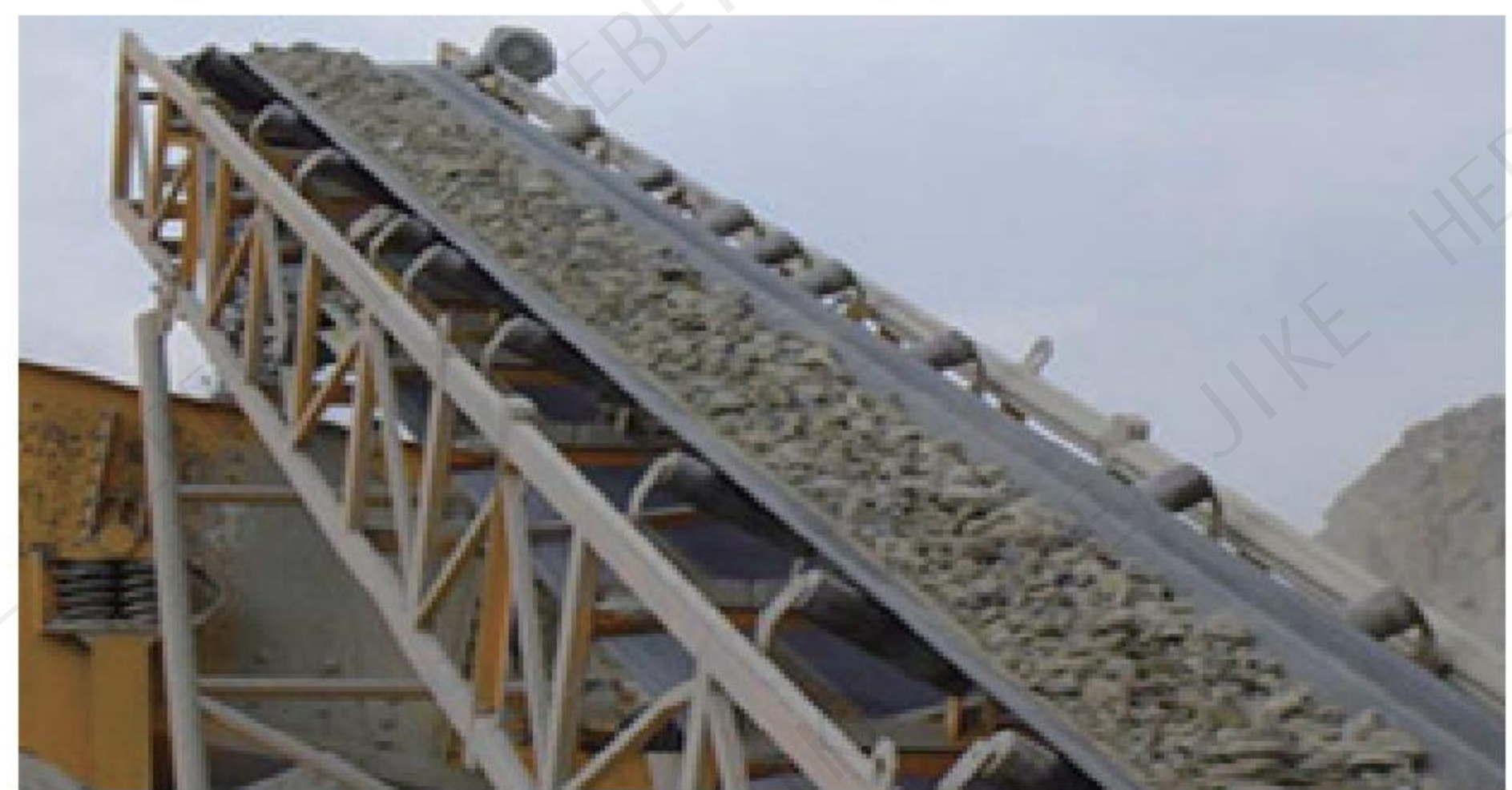
+86-15831931141

## Nylon (NN) Conveyor Belt 尼龙输送带

- The nylon canvas is woven by nylon fabric both in warp and in weft.
- It is the most widely used fabric in rubber industry, and its outstanding merits are its high abrasion resistance, great tensile strength and good fatigue resistance.
- Conveyor belt with nylon canvas inside has the characteristics of thin belt body, high tensile strength, good shock resistance and trough ability, high adhesion between plies, splendid flexibility and long working life.
- Nylon conveyor belts are suitable for medium, long distance and heavy-load transportation of materials, widely used in mining, metallurgical industry and architectural industry, ports, etc.



- 尼龙是橡胶工业目前所用合成纤维中性能最好的品种之一，其结构经纬向均为锦纶纤维编制，用途最广的品种，它最突出的优点是耐磨性好、强度高、耐疲劳性好；尼龙帆布做成输送带具有带体薄、强力高、耐冲击、成槽性好、层间粘合力大、屈挠性优异及使用寿命长等特点。尼龙输送带适用于中长距离、较高载量、高速条件下输送物料，广泛用于矿山、冶金、建筑、港口等部门。



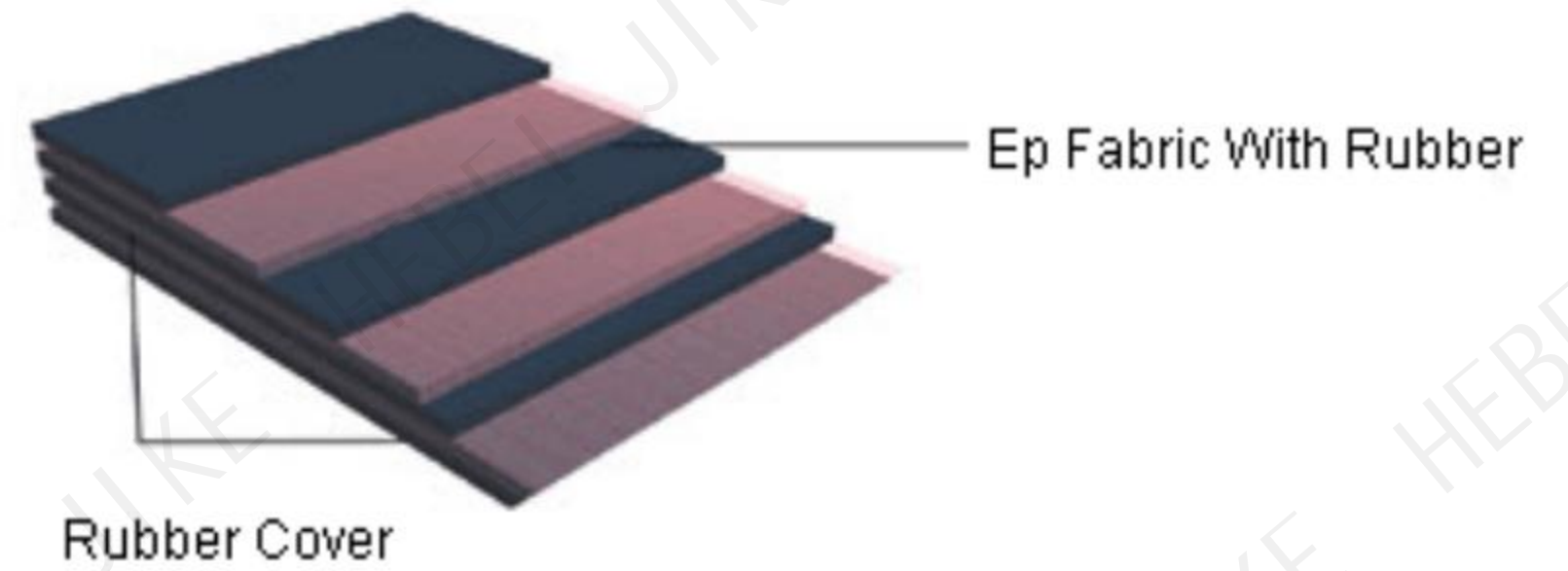
- 
- **Specifications:**

Carcass	Fabric Structure		Type	No. of Plies	Cover Thickness (mm)		Belt Width (mm)
	Warp	Weft			Top	Bottom	
NN	Nylon-66	Nylon-66	NN 80	2-10	1.5-18.0	0-10.0	300-2200
			NN 100				
			NN 125				
			NN 150				
			NN 200				
			NN 250				
			NN 300				
			NN 350				
			NN 400				
			NN 500				



## Polyester (EP) Conveyor Belt 聚酯输送带

- Polyester conveyor belt, also called EP or PN conveyor belt, whose tension resistant body is canvas, is woven by polyester in warp and polyamide in weft.
- The belt has the characteristics of low elongation in warp and good trough ability in weft, good for water resistance and wet strength, suitable for medium, long distance and heavy-load transportation of materials.
- Because of high initial modulus of polyester, the belts can choose a relative low safety factor.



普通聚酯输送带又称 EP 输送带，其抗拉体为经向涤纶，纬向为锦纶交织而成的帆布，其性能特点是经向的低延伸率和纬向的优良成槽性能，耐水性好，湿态强度不下降，不发生霉变，聚酯的初始模量高，可取较低的安全系数，适用于中长距离、较高载重、高速条件下输送物料。



### Specifications:

Carcass	Fabric Structure		Type	No. of Plies	Cover Thickness (mm)		Belt Width (mm)
	Warp	Weft			Top	Bottom	
EP	Polyester	Nylon-66	EP80	2-6	1.5-18.0	0-10.0	300-2200
			EP100				
			EP125				
			EP150				
			EP200				
			EP250				
			EP300				
			EP350				
EP400							

## Bare Back Conveyor belt 裸背输送带

The Bare Back Belt provides thousands of flexible gripping fingers to hold packaged products or units being carried up or down steep grades to a maximum of 35 degrees. Rough Top Conveyor Belt is available with black and tan rubber covers.



Bare Back Conveyor Belting is a special conveyor belt.

1. Top cover can be flat or impression.
2. Fabric plies only.

## Cotton (CC) Conveyor Belt 棉帆布输送带

- Cotton canvas is woven by cotton fibers both in warp and in weft. Its elongation is relatively low, and it is good in mechanical fastening and bonding with rubber.
- Cotton conveyor belt has relatively small deformation under high temperature condition, suitable for short-distance and light-load transportation of materials.
- Polyester cotton conveyor belt is the upgraded product of cotton conveyor belt, and its tension resistant body is woven by polyester cotton fibers in warp and cotton fibers in weft.
- Its comprehensive physical and mechanical characteristics are obviously better than those of cotton conveyor belts. Especially, the belt body is thinner and the belt is lighter, so the belt can save energy and reduce material consumption for users.
- It is an ideal selection for medium, short distance and medium-load transportation of materials.



全棉帆布结构径向和纬向均采用棉纤维纺织而成，延伸率较低，机械卡接紧固性好，帆布与橡胶粘着性好。高温条件下变形较小，适合距离较短、输送物量较小的场合使用。涤棉输送带是全棉输送带质量升级产品，其抗拉体采用径向涤棉混纺纤维与纬向的棉纤维交织而成，综合物理机械性能明显优于全棉输送带。特别是带体更薄，更轻，抗冲击性能大大改善，所以具有更好的使用性能，并节能减耗，为用户创更佳的经济效益。适用中短距离，载量中等条件下输送物料。

### Specifications:

Carcass	Fabric Structure		Type	No. of Plies	Cover Thickness (mm)		Belt Width (mm)
	Warp	Weft			Top	Bottom	
CC	Cotton	Cotton	CC-56	2-10	1.5-8.0	0-10.0	300-2200
TC	Polyester	Cotton	TC-70				

## Oil Resistant Conveyor Belt 耐油输送带

- Oil resistant belt carries parts and components coated with machine oil, heavy-oil treated coal in cooking plants and electric power generating plants, soybean draff, fish meat and other oily materials. These materials contain non-polar organic solvent and fuel.
- The belt, compounded of oil resistant synthetic rubber, has good resistance to the damaging effects encountered when conveying oil contaminated or treated materials.
- Oil resistant conveyor belt can be divided into two types according to cover properties: MOR (Ordinary type) and SOR (Heat and oil resistant).



本品由全棉帆布、尼龙帆布、聚脂帆布，经过压延、成型、硫化等工序精制而成，适用于输送油性物料。耐油输送带根据覆盖胶性能分为耐磨损型（D）、一般型（L）二种类型。耐油性能分为 Y1 和 Y2 两种级别。

### Cover Rubber property:

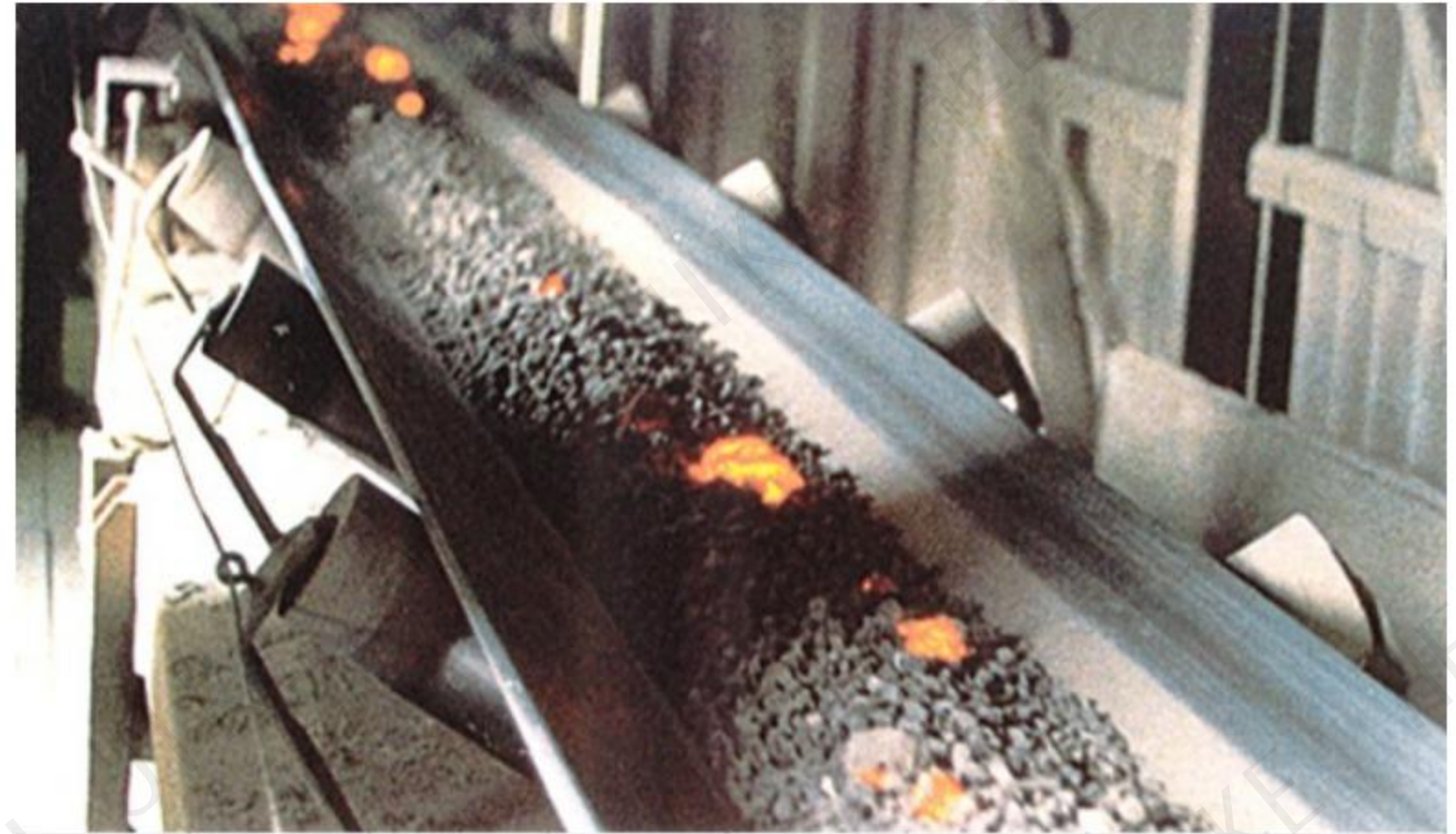
Item	Tensile Strength / MPA	Elongation at break / %	Abrasion / mm <sup>3</sup>
MOR	12	≥350	≤250
SOR	14	≥350	≤200

## Heat Resistant Conveyor Belt 耐热输送带

Suitable for conveying hot materials such as powder or clump materials at high temperature.

- Ideal for conveying sintered ores, cokes, soda ash, chemical fertilizer, slag and foundry.
- It can resist high temperature.
- The rubber compound used in the cover has been designed to avoid premature aging due to contact with any source of heat.
- Heat resistant conveyor belt can be divided into three types according to working temperature range: HRT-1  $\leq 100^{\circ}\text{C}$ , HRT-2  $\leq 125^{\circ}\text{C}$ , HRT-3  $\leq 150^{\circ}\text{C}$ .

该产品带芯选用全棉帆布和聚酯帆布做骨架材料，覆盖胶和缓冲胶采用耐热性能好的丁苯橡胶或氯化丁基橡胶。该产品可在  $120^{\circ}\text{C}$  以下的温度下正常使用，适用于输送温度在  $120^{\circ}\text{C}$  以下的物料。广泛适用于水泥、焦化、冶金、钢铁等工业使用。  
品种：可耐不大于  $100^{\circ}\text{C}$  试验温度，代号 HRT1；可耐不大于  $100^{\circ}\text{C}$  试验温度，最高短时运行温度  $150^{\circ}\text{C}$ ，代号 HRT2；可耐不大于  $150^{\circ}\text{C}$  试验温度，最高短时运行温度  $200^{\circ}\text{C}$ ，代号 HRT3。



### Specification of Each Grade:

Grade	Special Features
HRT-1	HRT-1 grade heat resistant belt is premium quality SBR rubber compound with very good abrasion resistance and heat resistance to handle hot materials up to $100^{\circ}\text{C}$ . This grade of belt is highly resistant to variety of heat applications and good for iron ore, pellets, casting sand, coke and limestone, etc.
HRT-2	HRT-2 grade has SBR based compound features of excellent heat resistance which is designed to carry hot load materials with non-cracking property. This belt is most suitable for the materials such as cement products, limestone, clay, slag, etc.
HRT-3	HRT-3 grade is the highest quality conveyor belt available for maximum heat resistance. Cover rubber is specially formulated with EPDM rubber to provide extreme heat resistance and ply adhesion for the applications to handle hot cement, clinker, phosphate, hot sintered ore and hot chemical, fertilizer, etc.

## Chemical Resistant Conveyor Belt 耐酸碱输送带

- The rubber cover, which is made from chemical resistant materials, has fine anti-chemical corrosiveness and good physical property.
- It is specially made to handle materials which would dissolve, expand or corrode the belt.
- It is suitable for conveying materials with chemical corrosiveness in chemical factories, chemical fertilizer factories, paper mills, mining industry, etc.



本产品选用棉帆布、尼龙帆布或聚酯帆布作带芯、带体弹性好、成槽性能好，使用伸长率小。选用耐酸碱的材料加工制成的覆盖胶，具有良好的抗化学腐蚀性能和良好的物理性能。适用于和酸碱接触的工作环境，如磷肥制造、海水晒盐、覆盖胶采用橡塑共混并填充耐酸碱性能优异的惰性能材料，比氯丁橡胶耐酸碱输送带性能更优。骨架材料采用 EP 帆布，比棉帆布芯带耐酸碱性能更加可靠。产品用途：适用于化工厂、化肥厂、造纸厂等厂矿企业输送含有酸性等腐蚀性的物料；还可用于海水晒盐。

## High Abrasion Resistant Conveyor Belt 高耐磨输送带

### Application:

Suitable for conveying heavy duty, high abrasion and massive density materials in a critical industrial environment.

### Characteristics:

Superior physical properties of the cover rubber

Anti-impact and avulsion resistant

High adhesion, small elongation

Ozone/ ultraviolet radiation and corrosion resistant



高耐磨输送带覆盖胶的耐磨性能优异，具有较好的抗撕抗冲击性能，层间粘好，无需担心脱层；耐气候，臭氧，紫外线的侵蚀性能好；伸长小，可适用于张紧行距短的输送系统。产品用途可适用于冶金、建材、电力、化工、港口等行业重型物料的输送，特别适合于磨蚀性较大、堆积密度较大、工矿条件较苛刻物料的输送。

### Specifications:

Type	High abrasion resistant	
Longitudinal full thickness tensile strength (KN/m)	800~3500	
Longitudinal elongation	<=1.2%	
Rubber thickness (mm)	top	6~10
	bottom	1.5~4.5
Rubber abrasion	Type 1	<=0.15cm <sup>3</sup> /1.61KM
	Type 2	<=0.30cm <sup>3</sup> /1.61KM
Adhesion (N/mm)	>=12	
Width (mm)	300~2000	
Length/Roll (m)	<=200	
Standards	AS1332, BS490, GB7984	

## Straight Warp (SW) Belt 单层直径输送带

Straight warp conveyor belts are constructed with a special carcass which allow the belt to withstand tough applications. Straight warp conveyor belts have higher impact resistance than standard ply construction conveyor belt.

### Application:

Parallel planes of heavyweight, high-strength yarns together with a binder yarn, develop a total departure from the traditional plies belt concept and constructions. It is designed to carry a

large capacity of material, such as logs or crushed stone, have Superior endurance performance in rugged environment.

### Features:

Exceptional resistance to abrasion, cutting and snagging. Flexural fatigue and impact resistance is much better than the normal fabric. High-carrying capacity and very low stretch.



## Flame Resistant Belt 阻燃输送带

The product is made of cotton canvas, nylon canvas or EP canvas and finished through the process of calendaring, assembling, vulcanizing and so on, suitable for conveying materials that require flame resistant and static conductive belts in power, chemical, metallurgical and grain processing industries under the condition of flammable or explosive environment.



本产品由全棉帆布、尼龙帆布、聚酯帆布，经过压延、成型、硫化等工序精制而成。该产品适合于煤矿井上等易燃易爆环境下输送非腐蚀性的无尘刺的块状、粒状、粉末状等多种物料，如煤炭等散料和成件物品等。

### Cover rubber property:

Tensile Strength / MPA	Elongation at break / %	Abrasion / mm <sup>3</sup>
≥18	≥450	≤200
≥16	≥400	≤250

Cover Type	Standards	Minimum Tensile Strength (MPA)	Minimum Elongation (%)	Abrasion	Material Covered
Fire Resistant	SANS-F	17	350	180	Material with fire hazards, e.g. Coal
	IS-1891(FR Grade)	17	350	200	
	ISO-340(FR Grade)	17	350	180	
	AS-F(FR Grade)	14	300	200	
	AS-1332(FR Grade)	14	300	200	
	DIN S Grade	17	350	180	
	DIN K Grade	17	400	200	
	MSHA-FR	17	350	200	
	CAN/CSA (FR Grade)	17	350	200	

## Cold Resistant Belt 耐寒输送带

The product selects cotton, nylon or EP as carcass, and cover rubber selects a blend of NR and BR, which has the properties of high elasticity, shock resistance, cold resistance, etc. It can work normally under the conditions of - 40°C.

Usage: Suitable for conveying materials outdoors in freezing area, cold storage, etc.



本产品选用尼龙帆布、EP帆布为带芯。覆盖胶采用天然橡胶与顺丁橡胶的并用胶，具有弹性高、耐冲击、耐寒性优等特点。耐寒输送带根据覆盖胶性能分为耐划裂型(H)、耐磨损型(D)、一般型(L)三种类型。根据耐寒性能分为C1和C2两种级别，C1-使用环境温度-45~+50°C；C2-使用环境温度为-60~+50°C。适用于寒冷地区露天或冷冻仓库等场合输送物料。



## Chevron Conveyor Belt 花纹输送带

### Application:

Chevron conveyor belt is suitable for conveying loose, bulky or bagged materials on inclined surface at angles of less than 40 degrees.



### Features:

Anti-slip;

Cleats and top cover rubber are vulcanized integrally;

Cleat pattern, angle and pitch are designed elaborately.

为了提高输送倾角，防止物料下滑，可将输送带覆盖胶设计为带有花纹图案。花纹输送带可以分为浅花纹输送带和花纹输送带。浅花纹输送带：花纹深度 10mm 以下，输送倾角 20° ~ 30° 深花纹输送带：花纹深度 10mm 以上，输送倾角 30° ~ 45° 花纹图案形式

可分为人字形、坑型、菱型、凸人字型等。花纹图案样式可依用户要求设计。

Selection of a type and height of cleats depends on the materials conveyed and the angle of inclination:

Type of material	Material example	Max. angle of inclination			
		Height of cleats			
		H(mm):14	H(mm):16	H(mm):25	H(mm):32
Powdery	Flour, etc.	25°	25°	28°	30°
Loose flowing	Corn, barley, wheat, rye, etc.	20/25°	20/25°	25/30°	25/30°
Loose rolling	Gravel, ground stone, etc.	25°	25°	28°	30°
Packed	Sacks, paper sacks, etc.	30/35°	30/35°	35/40°	35/40°
Sticky	Wet sand, ash, wet loam, etc.	30°	30/35°	35/40°	40/45°

Cleat pattern ranges: Conveyor belts with close V type, open V type, C type, and Y type

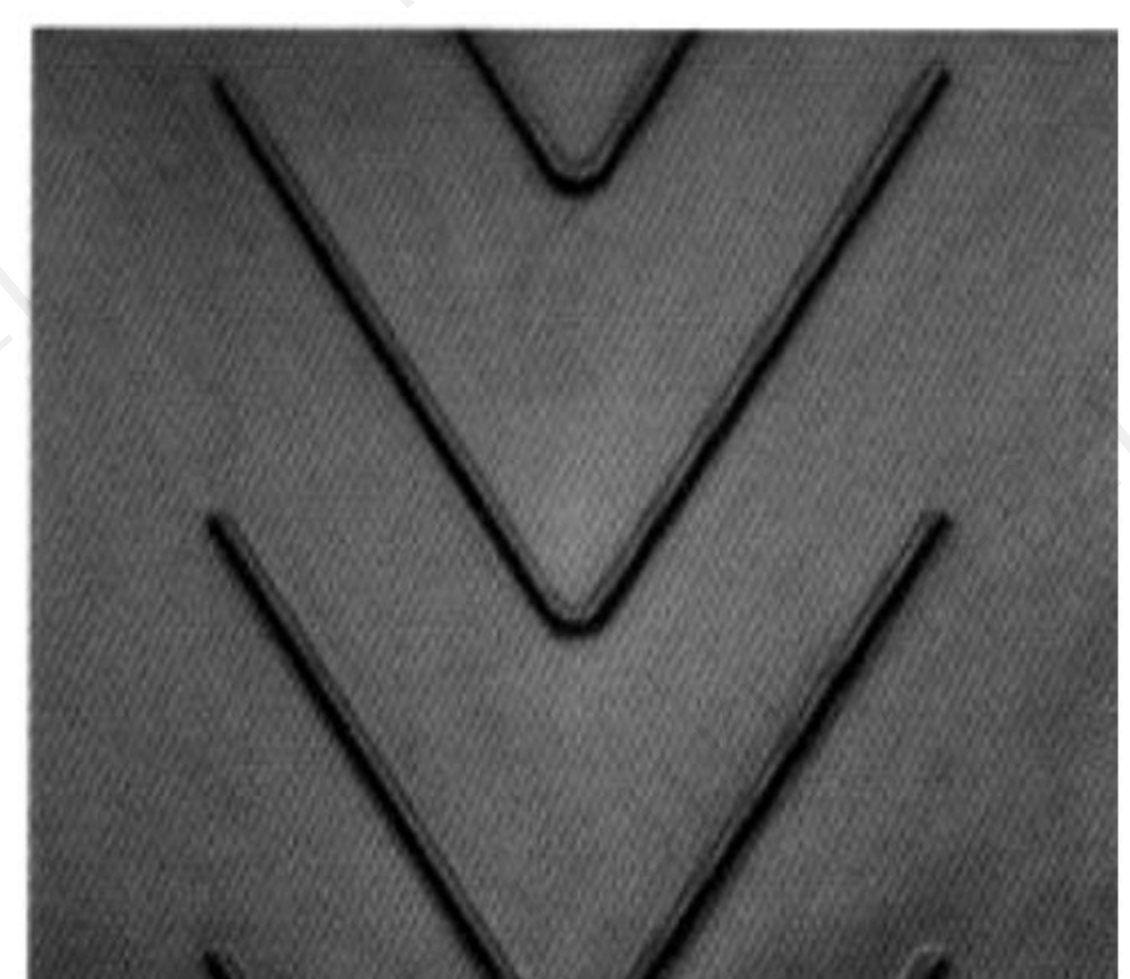
C6



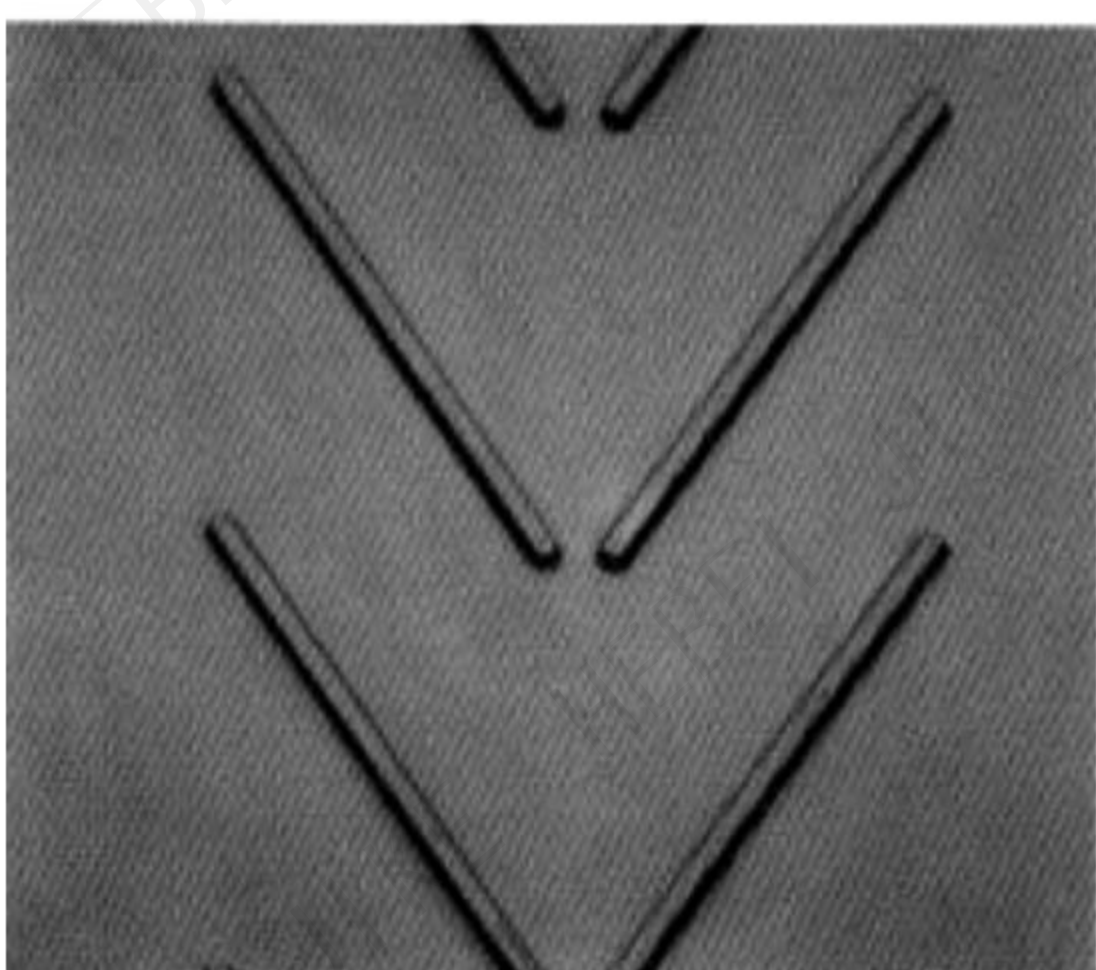
V6



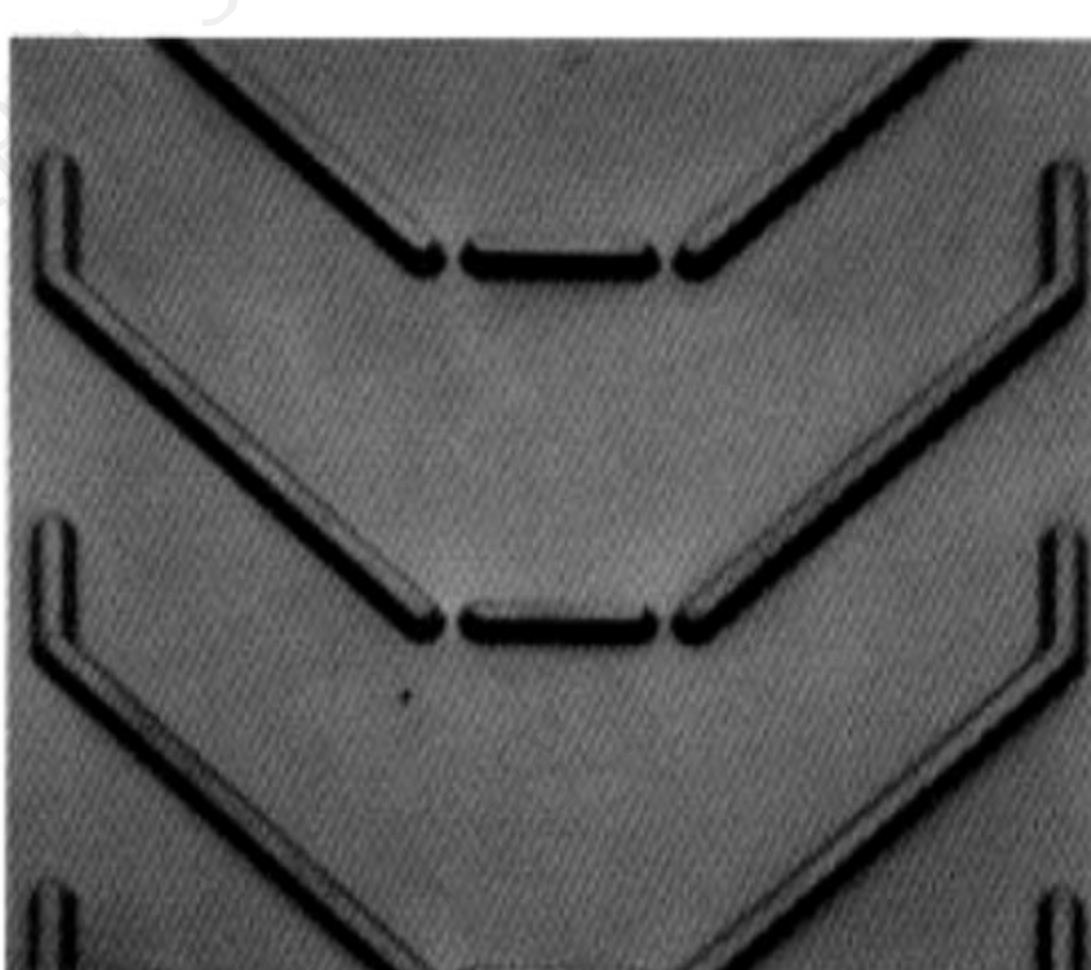
C12



C15



C25



Y32



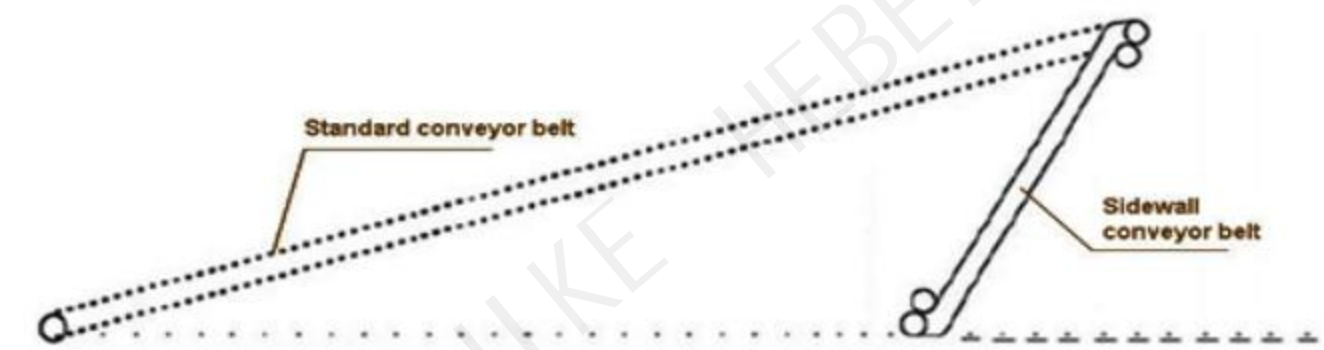
## Sidewall Conveyor Belt 挡边输送带



Sidewall conveyor belt can be used for horizontal, sloping or vertical conveyance and it is one of the most effective ways of elevating materials in a confined space. The economic goal can be achieved by single belt operation and wide range materials can be handled in cases of limited space and strict requirements of no transfer point, low maintenance and big capacity.

It is based on the following main components:

- (1) Cross-stabilized Base Belts
- (2) Sidewalls
- (3) Cleats



Sidewall Conveyor belt has been designed with two corrugated sidewalls and cleats molded to cross-rigid base belt which can carry heavy product loads up to the inclined angle of 75°. This belt is popular where space is at a premium and steep incline angles are desired.

骨架材质：带体的骨架材质有聚酯（EP），尼龙（NN），全棉（CC），客户可以据自己的要求进行灵活选择。产品优势包括 1. 维护费用低；2. 输送量大，并有效防止了物料的散落；3. 输送带可沿水平到倾斜或倾斜到水平方向灵活运输；4. 因为输送无料时可以在 0°~90° 任意角度运行，所以大大节省了空间和场地。应用领域包括港口、冶金、矿山、电力、煤炭、铸造、建材、粮食、水泥、化肥等行业。当地受限或需要大倾角提升物料时，为了防止输送物料的散落，一般会选择大倾角波状挡边带式输送机系统。此种系统可以在垂直状态下运行，也可以在 0°~90° 任意角度运行，允许大量运载和重载运输。产品构成：波状挡边带由基带、裙边及隔板组成。

### The Base Belt:

The base belt is designed to bend efficiently in a longitudinal direction and has greater rigidity in a transverse direction by utilizing reinforced fabrics with monofilament, creating a fabric carcass of high tension.

#### Features:

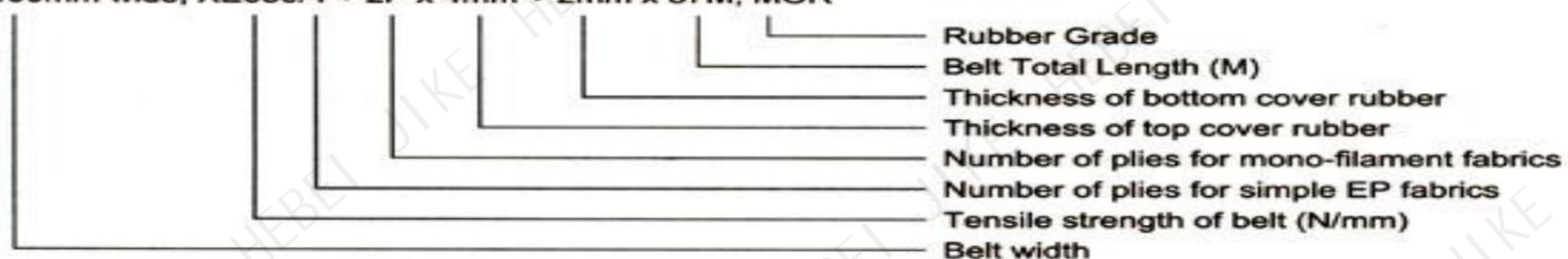
Cross Rigid Conveyor Belt can be deflected from the horizontal to an incline or vertical and back again without bowing or sagging. These deflection points as well as the belt returning on free lateral space by snub idlers definitely require the cross-rigidity of the base belt. The designed mono-filament fabrics provide better return-side support. No wear and tear of cleat and cover rubber is available with various compounds like abrasion resistance oil, heat, and flame resistance.

1. 90-degree inclination
2. High load
3. Save space

#### Specifications:

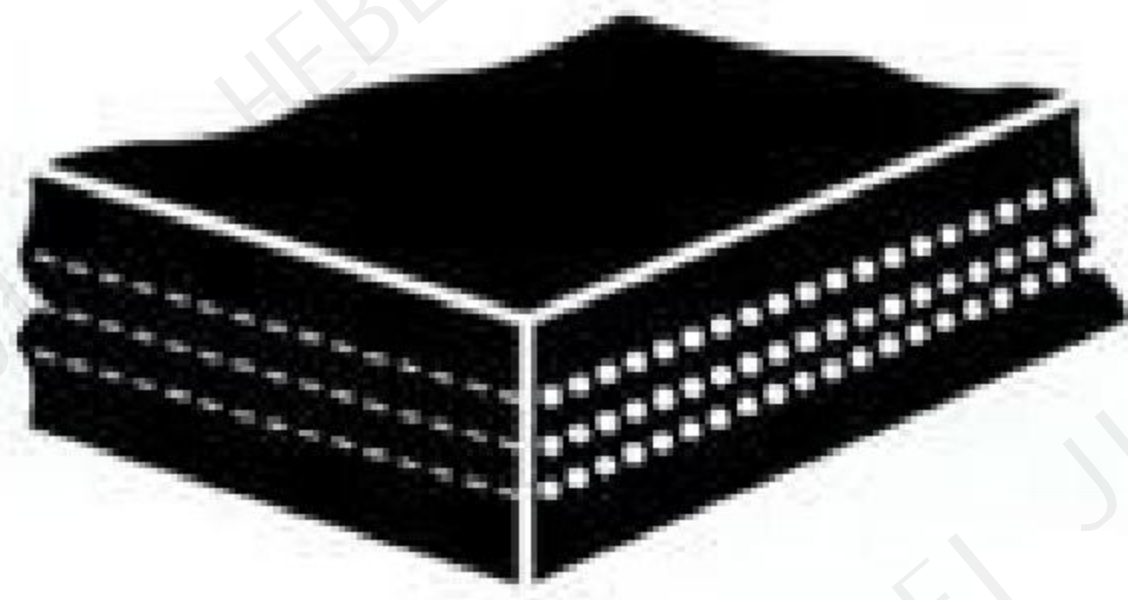
An example of base belt indication"

1400mm wide, XE630/4 + 2P x 4mm + 2mm x 37M, MOR

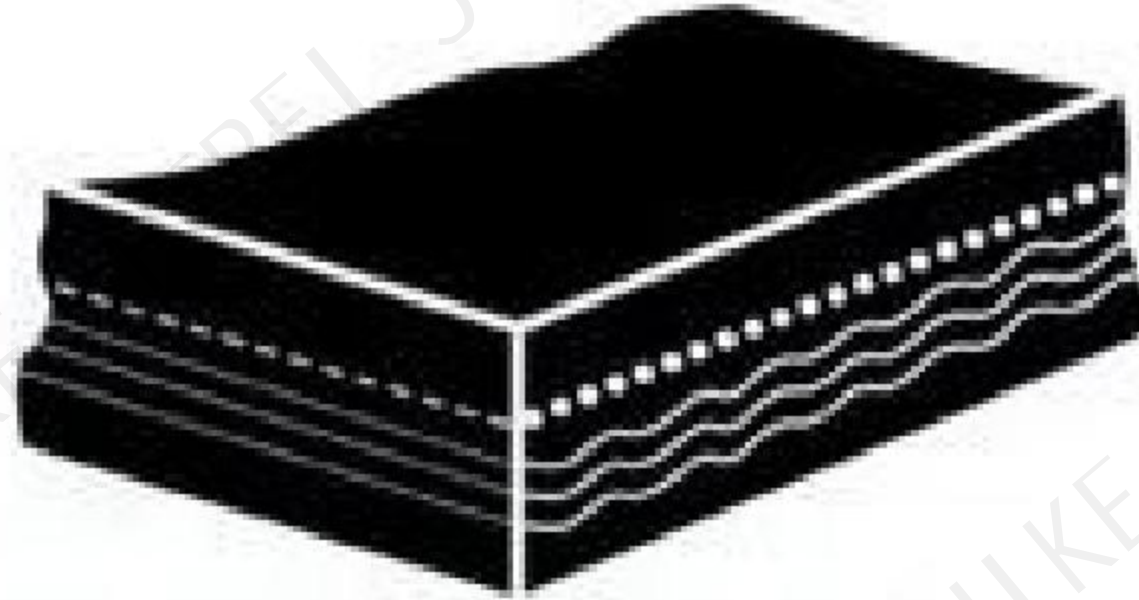


#### Base belt type:

TYPE:XE



TYPE:XE+1



TYPE:XE+2



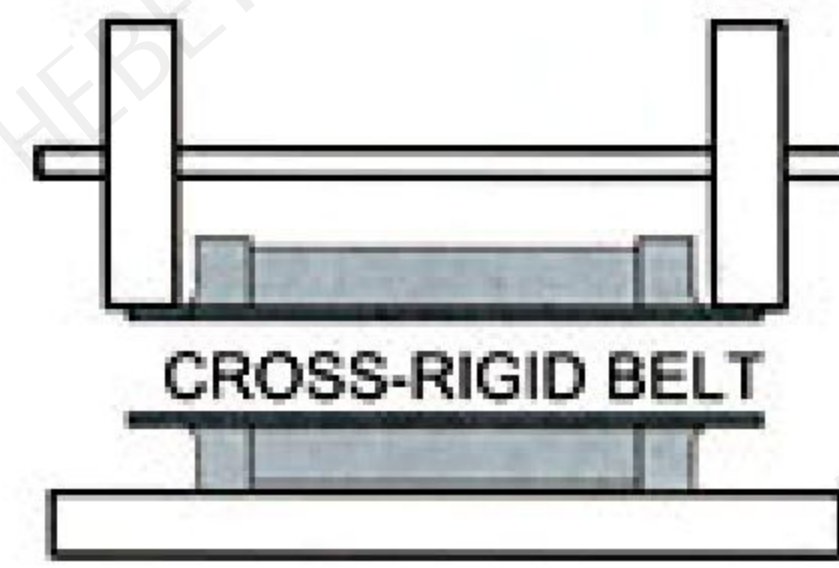
**Belt composition:**

X=Cross-Stabilized Construction

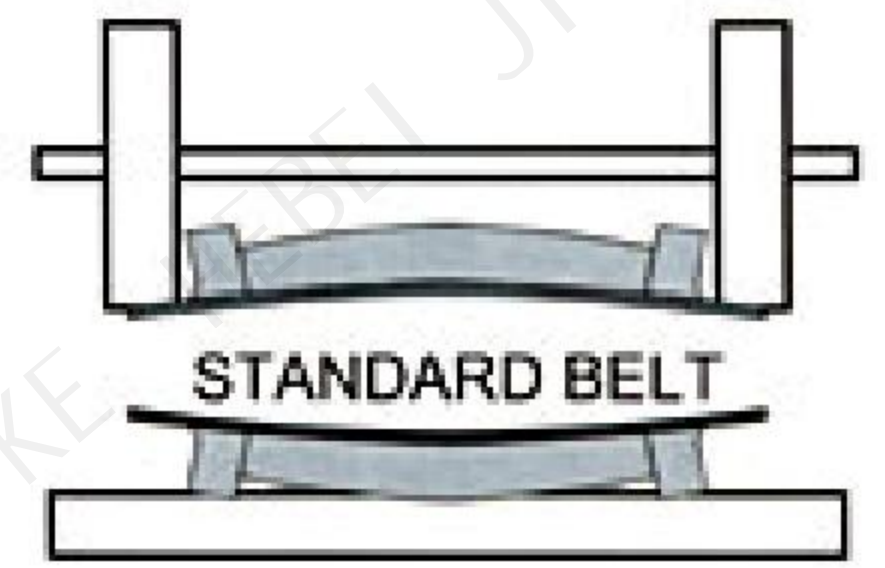
E=Polyester Tension Plies

+1=One Ply of Cross-Stabilized

+2=Number of Separate Cross-Stabilizing Plies



CROSS-RIGID BELT



STANDARD BELT

**Construction:**

XE+2: is a multiply construction with cut edges based upon carcass of EP fabric and one monofilament ply on each side of the EP carcass integrated into the upper and lower cover.



## Elevator conveyor belt 提升输送带

The belt is made of either anti-tearing EP canvas or steel cord as center materials with anti-tearing rubber cover, which is good at improving capability and running steadily with low maintenance.

It has little land coverage with no pollution and great conveying capacity, suitable for conveying bulk materials.

Structure: Rubber belt & elevator buckets.

**Application:**

Vertical transportation of loose powdery material is widely used in building, mining, graining, power station, chemical, electric light industry, and other fields.

Specifications of the Rubber Belt:

Carcass: EP or Cotton Duck

Max. Belt Width: ~2200 mm

Cover Rubber: Resistant to wear, oil, heat and anti-static.



提升带是由多层挂胶织物叠包而成，带芯外一般应有覆盖胶。根据使用温度的不同分为耐热提升带和普通提升带；根据材质的不同分垂直提升挡边输送带、钢丝绳提升带、防撕裂提升带、棉帆布提升带、聚酯高强度提升带等；按被输送物料的磨损性和荷载分为强烈磨损（D型）、中度磨损（L型）及输送高温物料的耐热型（T型）。提升带的宽度规格为 150、200、250、300、350、400、500、600mm 等。提升带主要用于各矿山、冶金、钢铁、煤炭、水电、建材、化工、粮食等企业的固体物料输送。

jane840725@hotmail.com

janeliu@qualitywiremesh.com

+86-15831931141

## PVC/PVG Solid Woven Belt 整芯织物输送带

### Applications & features:

- Especially suitable for material conveying at inflammable of underground coal mines.
- The fabric is high in strength and low in elongation and the light carcass is shock resistant, anti-tear and good in trough ability.

### PVC Solid Woven Conveyor Belt:

- Suitable for applications in dry conditions at an angle of less than 16 degrees.
- Cover thickness can be from 0.5 to 4 mm.

### Nitrile Covered PVG type:

- Suitable for applications at a slope angle of less than 20 degrees, and thickness can be 1 to 8 mm.
- Resistance to wetness, slip, low temperature and weariness



**Standards:** MT914, BS3289 and HG2805

PVC 阻燃抗静电织物整芯输送带(简称 PSAF 输送带), 是用高强度尼龙长丝和棉纱织成整体带芯, 然后用阻燃的 PVC 糊料浸渍塑化而成。PSAF 输送带具有不延燃、抗静电、强度高、整体性好, 抗撕裂、耐潮湿、带体轻、寿命长等特点, 是当今世界各国用于煤矿井下最理想的安全输送带。PVG 阻燃抗静电织物整芯输送带(简称 PVG 阻燃带)除具有 PVC 阻燃抗静电织物整芯输送带的强力高、整体性好、带体轻、阻燃抗静电性能好的特点外, 还具有橡胶面输送带弹性好、抗湿滑性能好的特征, 可以加大提升角度, 并防止物料散落, 提高运输效率。同时, 由于覆盖层的增厚, 使输送带寿命大大增强。



## Endless Conveyor Belt 环形输送带

Endless conveyor belt is a conveyor belt that has been made without joints in the process of production.

### Characteristics:

- Its feature is that there is no joint in belt carcass, and the belt shall not be shortened in service life due to early failure in the joints of the belt. The belt is flat in surface and even in tension, thus it runs smoothly and its elongation is low when working.
- Cover rubber classification: Generic, oil, heat and chemical resistant, etc.
- We can make endless belts from light belt, generic-use belt to heavy duty belt according to customers' requirement.



### Application:

It is widely used in mining, chemical plants, metallurgical industry, architecture and agriculture.

环形输送带系指生产过程已将输送带制成无接头的环形输送带，其带芯接头处强力可达到胶带本体强力的 90%，胶带表面无明显接头缺陷。因此，胶带运输平稳，使用伸长小。环形输送带带芯用优质全棉或维棉交织帆布制成，一般为 2-6 层或用 NN-200 型尼龙帆布（或聚酯帆布）作强力层。

## Flat Transmission Belt 平型传动带

Flat transmission belt is a common-used flat rubber belt, also called transmission belt, which usually takes high-quality cotton canvas as its skeleton layers.

### Application:

It is mainly used in a variety of factories, mines, terminals, metallurgical industry. Besides being used in ordinary mechanical power transmission and great power processing of grains like rice and wheat, it also can be used in irrigation equipment, wood cutting and other power transmitting equipment for agricultural and other industries.

平型传动带分为 28、30、32、34、36 盎司，颜色为浅褐色、嫩黄色、橘黄色、黑色等。

### Product classification:

1. Category: 28 OZ (ounce), 30 OZ (ounce), 32 OZ (ounce), 34 OZ (ounce) and 36 OZ (ounce).
2. Cut edge flat rubber belt: Cut edge flat rubber belt is manufactured by bonding several layers of full width canvas together. The sides of the belt are surfaces formed by cutting and the belt edge surfaces are coated with rubber paste.
3. Round edge flat rubber belt: Round edge flat rubber belt is folded by the outer ply or plies of canvas and the sides of the belts are curved surfaces.



Cut Edge



Mould Edge

4. Available in a variety of colors, mainly of them are four colors: light brown, yellow, orange and black.

# Steel Cord Conveyor Belt 钢丝绳输送带

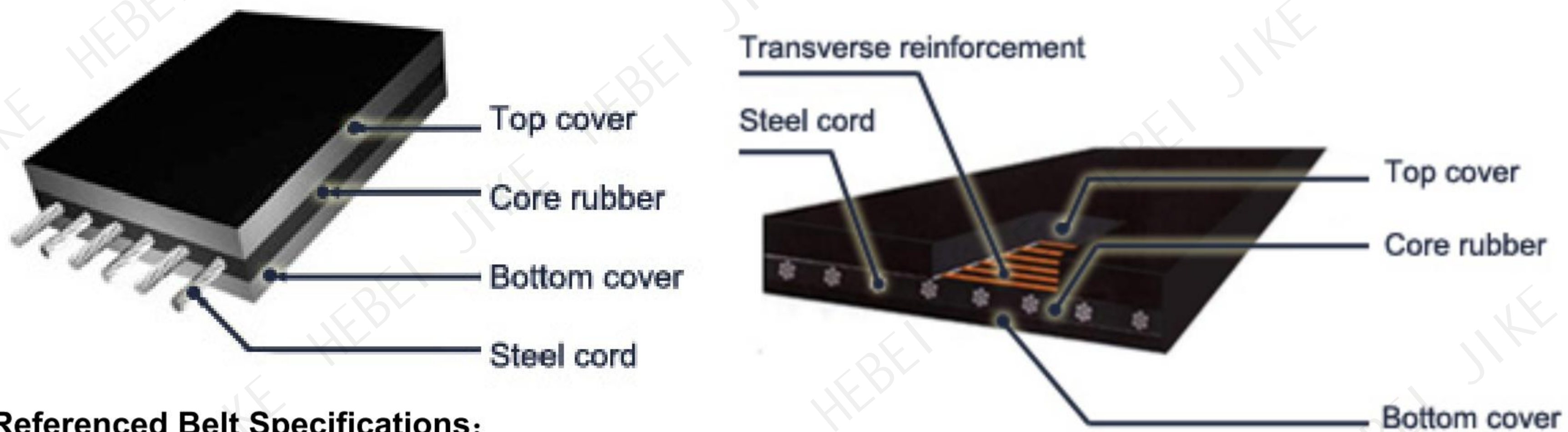
## Application:

Used in coal, ore, port, metallurgical, power and chemical industries, suitable for long distance and heavy load transportation of materials.

Standards offered: GB/T9770, DIN22131, EN ISO 15236, SANS1366 and AS1333.

Cover Compounds: General, Fire-resistant, Cold-resistant, Abrasion-resistant, Heat-resistant and Chemical-resistant.

## Belt Structures:



## Referenced Belt Specifications:

Belt Specifications		ST1000	ST1250	ST1600	ST2000	ST2500	ST3150	ST3500	ST4000	ST4500	ST5000	ST5400
Tensile Strength (N/mm)		1000	1250	1600	2000	2500	3150	3500	4000	4500	5000	5400
Max.Diameter of Cord(mm)		4.1	4.9	5.6	5.6	7.2	8.1	8.6	8.9	9.7	10.9	11.3
Pitch(mm)± 1.5		12	14	15	12	15	15	15	15	16	17	17
Min.Rubber Cover Thickness(mm)		4	4	4	4	5	5.5	6	6.5	7	7.5	8
Width (mm)	Tolerance (mm)	Cord Number										
500	±5	39	34									
650	±7	51	44	40	51	40	40	40	40	40		
800	±8	64	55	50	64	50	50	50	50	50	43	43
1000	±10	81	69	64	81	64	64	64	64	64	55	55
1200	±10	97	84	77	97	77	77	77	77	77	66	66
1400	±12	114	98	90	114	90	90	90	90	90	78	78
1600	±12	131	112	104	131	104	104	104	104	104	90	90
1800	±14	147	127	117	147	117	117	117	117	117	102	102
2000	±14	164	141	130	164	130	130	130	130	130	113	113
2200	±15	181	155	144	181	144	144	144	144	144	125	125
2400	±15	197	169	157	197	157	157	157	157	157	137	137
2600	±15	214	184	170	214	170	170	170	170	170	149	149
2800	±15	231	198	184	231	184	184	184	184	184	161	161
3000	±15	247	212	197	247	197	197	197	197	197	172	172
3200	±15	264	227	210	264	210	210	210	210	210	184	184

# Rubber Sheets 橡胶板

With features of more resistant to ageing, temperature and middle pressure besides water-proof, anti-shock and sealing, the rubber sheeting is mainly used as sealing gaskets, sealing stripes. It also could be put on the work bench or used as rubber matting.



### Specifications:

Thickness: 1mm-50mm

Width: 0.5m-2m

Length: 1m-30m

除了防水、抗震动、和密封性，橡胶板还具有抗老化、耐高温和中等压力等特点，因此常用于密封垫、封条，还可以作为工作台的橡胶垫等。

### Technical Data:

Type	Specific Gravity (g/cc)	Hardness (Shore A)	Tensile Strength (Mpa)	Elongation at break %	Color
NR/SBR	1.45	50±5	5	300	Black
	1.5	60±5	4	250	Black
	1.6	65±5	3	250	Black
	1.7	70±5	2-2.5	200	Black
NR/SBR 1 Ply	1.6	65±5	3	250	Black
NR/SBR 2 Ply	1.6	65±5	3	250	Black
Red SBR Sheet	1.7	80±5	3	200	Red
Grey SBT Sheet	1.7	80±5	3	200	Grey

# Conveyor Accessories 输送机辅件

## Idlers/Rollers 托辊/滚筒

- Fine welding tubes ensure the rollers with low vibration and noise;
- Special design and particular labyrinthine seal style prevent the corrosion by impurity water and air etc.;
- Working life: 30,000 - 50,000 hours.

### Application:

The idlers are playing an important part in the belt conveyor system, and they consist in the entire transport process to support the belt and move the materials loaded on the belt..

Conveyor idlers can be used for: Carrying, impact absorbing, adjusting, etc.

The materials can be steel, nylon, rubber, ceramic, PE, HDPE and so on.

输送机辅件包括：托辊（陶瓷托辊、橡胶托辊）、滚筒（电动滚筒）、支架等。



## Quality Control 质量控制

To ensure full compatibility and traceability of all its products, the manufacturer has been setup according to international advanced standards and terms. The rigorous quality control system had been ISO9001 certified and its products can meet or exceed the requests from DIN(German), AS(Australian), SABS (South African), RMA (US, South America), BS (British), JS (Japanese) and GB standard, besides getting great satisfaction and confidence from customers.

为保证产品的适用性和全程跟踪，公司的生产基地的建设采用国际先进的标准和规定。产品符合德国、澳大利亚、南非、美国、英国、日本和中国的标准。





## Production Equipment 生产设备

Leading manufacturing technologies ensure high quality. Beijing TRX's technical staff have been diligently working on new technologies and craftwork to optimize the product structure and performance to meet the market requirements. Meanwhile, the company has spared no expense to introduce internationally advanced instrument to assist the R&D personnel on scientific innovation, out of a desire to make its products outstanding among competitions.

先进的制造技术是高品质的保障。公司的技术人员一直在勤奋地致力于使用新技术和工艺，使产品更适合于市场的需要。同时，公司还引进国际上先进的检测仪器协助研发人员开发行业领先的产品。

