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Xuanze Industrial Drive Systems (Shanghai) Co., Ltd.,

ENTERPRISE PRODUCT BROCHURE

13 years of factory experience
21 years of industry experience

One stop industrial belt supplier



Xuanze Industry is a modern technology-based enterprise mainly engaged in the production of industrial conveyor belts, synchronous belts, coil wrapper belts and technology development. The company has 2 factories, one is a factory specializing in the production of conveyor belt roll materials, and the other is a factory specializing in the production of conveyor belt roll materials. The standard production workshop of the factory is 30,000 square meters, the company has 40 employees and 12 sales staff. It has more than 10 industrial belt patents. Our company has a large inventory of conventional products such as PU conveyor belts, PVC conveyor belts, silicone conveyor belts, etc., and welcomes technical inquiries. SIBR-5M synchronous silicone belt developed for the sanitary products industry has high bonding strength between silicone and synchronous belts, no cracks, and no dust. The imported silicone conveyor belts of our company have the advantages of wear resistance, strong anti-expansion force, and high visual inspection accuracy.

The ring-shaped seamless belt independently developed by our company meets the import use standards, runs smoothly, and is not easy to warp teeth, crack, or even break at the interface. In particular, seamless belts are used in electronics, finance, and airport logistics transportation, and are no longer worried about the interface of short-distance and small roller conveyor belts. The company has a large inventory to meet customer needs as quickly as possible, and the company has advanced precision testing equipment to ensure product quality.

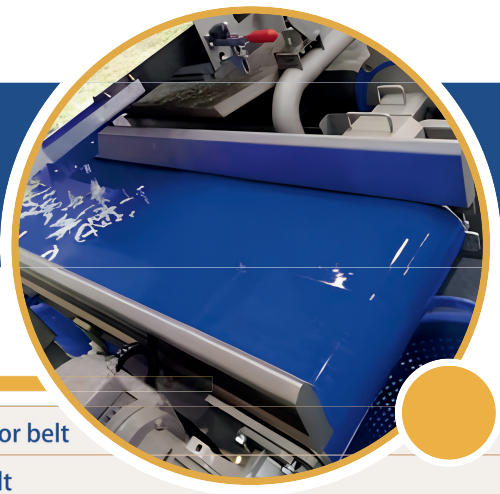
The company has always insisted on independent product development, striving to catch up with first-class foreign quality, constantly innovating, breaking through traditions, and producing the most suitable and highest quality products for customers. All employees are committed to contributing their own strength to the development of China's industry.



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Pu conveyor belt



PU conveyor belt frame is made of polyurethane fabric, which has features of wear resistant, high strength and cut resistant. It meets FDA standard, so it can directly contact with food, medical and hygienic products without poison. The joint method of PU conveyor belt is mainly use flexproof, and some use steel buckle. The surface of belt can be smooth or matte.

Product name	PU conveyor belt
Brand	Xuanze Belt
Material	polyurethane
Color	Green / white /blue/red/black
Size	Customized
Thickness	0.8mm-8mm
Feature	Oil resistant, cut resistant ,antimicrobial & wear resistant
Temperature	-10°Cto +80°C
Application	Food, medical, metal and so on
Joint	Hot melt connection / steel buckle connection
Certificate	ISO9001
Lead time	7 days

PVK conveyor belt



product name	PVK conveyor belt
brand	XZbelt
Material	Bottom surface PVK + middle nylon cloth
color	Black, gray, etc.
size	Customized as required
thickness	3.8mm
Features	Cut-resistant and wear-resistant
Temperature resistant	-20°C--80°C
application	Logistics, packaging and other industries
Connector method	Hot Melt
Certification	ISO9001
Delivery date	5 days

PVC conveyor belt

As a conveyor belt manufacture, PVC conveyor belt have color of green, black, white, blue and red. The belt can be added with baffle, guide bar and sidewall as client required. The belt thickness varies from 2mm to 5mm for your choice. PVC conveyor belt surface can be patterednd diamond, golf, crescent and lozenge.



PVC conveyor belt has the feature of low price and good performance, such as wear resistance, low noise, and antistatic. It is the most widely used belt, on packaging machines, conveying machines, express distribution centers, pipeline transport, We can customized for you, according to the actual demand, both matte and light conveyor belt, various colors, conducting bar, sidewall and baffle.

Product name	PVC conveyor belt
Brand	Xuanze Belt
Material	Polyvinyl Chloride
Color	Green, white, black, blue & red
Size	Customized
Thickness	2mm-5mm
Pattern	Smooth, matt, diamond, golf & crescent
Characteristics	Low noise, long life & low elongation
Temperature	-10°Cto +80°C
Application	Logistics, electronics & wood processing
Joint	flexproof
Certificate	ISO9001
Lead time	5 days

Q1: Does your company is a trading company or factory?

A: We are factory located in Zhejiang , Jiangsu

Q2: Can I get a sample first?

A: Of course, you can get a sample first, I make sure you will reorder and be happy with our high quality sample products.

Q3: How about the lead time?

A: Generally it takes 3 days afetr we get payment for we have big stock.

Product features



Competitive price



Big stock



Excellent Load-bearing performance

FAQ

Q4: Does your company provide OEM service?

A: Yes, We do.

1. Made of woven cotton fabric with PVC coating on the surface, it has high wear resistance and cut resistance features, and its service life is 1-2 times longer than that of ordinary conveyor belts.
2. The glue-dipped thread, white thread and glue are completely integrated without deviation or thread loss.
- 3.PVK conveyor belt has the characteristics of anti-slip, cutting resistance, wear resistance, stamping resistance and dirt resistance.

Because PVK conveyor belts have the advantages of being flame retardant and non-flammable, especially in places where logistics operation centers that are filled with flammable materials. As for conveyor belts made of other materials, their flame retardancy is relatively weak compared to PVK conveyor belts. Therefore, PVK conveyor belts are the best choice for logistics operation and transportation centers. In addition, in places with a large flow of people, such as airports, train stations, bus stations, subway stations, etc., we will find intelligent machines for baggage check-in and baggage inspection. Most of them are also using PVK conveyor belts.

Positive drive belt



In order to meet the needs and improve the operation and sanitary reliability of food processing production lines, our company provides thermoplastic drive conveyor belts, namely positive drive belt.

Flat belt



product name	Flat belt
brand	XZbelt
Material	Nylon rubber
color	Green, yellow, black, blue, etc.
size	Customized as required
thickness	0.8mm-6mm
Features	Pull-resistant, wear-resistant
Temperature resistant	-10℃--120℃
application	Paper, textile, packaging and other industries
Connector method	overlap
Certification	ISO9001
Delivery date	5 days

type:

- 1. The nylon base has XNX (double-sided rubber middle base), PNX (one side rubber layer, one side leather layer, middle base layer), and PNP (double-sided leather middle base). Size can be customized as required.
- 2. The material structure of the nylon base belt is innovative and unique. Compared with traditional canvas transmission belts and V-belts, it has the following advantages: strong pulling force, resistance to flexing, high efficiency, low noise, fatigue resistance, good wear resistance, and long service life.
- 3. Product usage: Suitable for occasions with compact transmission mechanism of high line speed and large speed ratio. Such as: cigarettes, cigarette machines, papermaking, printing, textile machinery, HVAC equipment, metal equipment, automatic vending equipment and military industry. It is also used in substrate lines, SMT equipment, circuit board transportation, etc. in the electronics industry.

Feeder Belt

SIW super wear-resistant feeding belt



The belt is used in the paper feeding section of folder gluer machine, the belt width usually 28mm and generally 4 pcs a group. Currently domestic mainly apply rubber conveyor belt which is not wear resistant and skidding or use imported polyamide belt which has high cost.

SIW super wear-resistant feeding belt, which has good friction coefficient and super wear resistance, soft surface and other advantages.

Nylon mesh belt with red rubber

Nylon mesh belt is a kind of plastic mesh belt. Plastic mesh belt can be divided into PP (polypropylene), PE (polyethylene), ACETAL (acetal), NYLON (nylon) and other materials according to the material.

The nylon mesh belt is suitable for transfer wheels and plane conveying of fluff pulp. It has good ventilation performance and is not easy to fluff.



product name	Nylon mesh belt
brand	XZbelt
Material	PA
color	Red
size	Customized as required
thickness	7mm
Features	Oil-resistant, cut-resistant, wear-resistant
Temperature resistant	-20℃—210℃
application	paper industry
Connector method	Pin joint
Certification	ISO9001
Delivery date	7 days

Rubber timing belt



raw material

The rubber timing belt uses high-quality imported neoprene as the main raw material, and is mixed with a variety of auxiliary materials for different purposes; the skeleton material is imported high-quality fiberglass cord; the toothed surface is protected by nylon 66 high-elastic cloth.

performance

It has the characteristics of good dynamic flexibility, good crack resistance, excellent ozone-resistance performance, aging resistance, heat resistance, oil resistance, and wear resistance. Neoprene timing belts are widely used in machinery and equipment in textiles, automobiles, chemical fibers, cigarettes, papermaking, printing, and chemical industries; in recent years, the demand for mining, metallurgy, steel machinery, and medical equipment has been increasing.

Timing BeltPu timing belt



model	Material	Top width (mm)	high(mm)	Peak	angle
PH	Rubber/Polyurethane	1.60×*	2.50	distance(mm)	40
PJ	Rubber/Polyurethane	2.34×*	3.50	1.60	40
PK	Rubber/Polyurethane	3.56×*	5.50	2.34	40
PL	Rubber/Polyurethane	4.70×*	7.0	3.56	40
PM	Rubber/Polyurethane	9.40×*	13.0	4.70	40

Timing belts are a type of tooth belt that consists of a toothed sprocket, or pulley, and belt teeth that transmit power using positive engagement. Exact shaft synchronization results from this engagement, eradicating speed loss and slippage that v-belts often experience.According to material, there are polyurethane and rubber timing belt, we mainly major in polyurethane timing belt.

PU timing belt has various models, such as T5, HTD8M, AT10, H, T20 and so on. The PU timig belt has steel core and Kevlar core, the belt we has open ended, endless and flex joint type. The belt surface can add green fabric (PAZ), guide, red rubber and silicone.

usual format

- 1

梯型齿:MXL、XL、L、H、XH、XXH
Trapezoidal teeth: MXL, XL, L, H, XH, XXH

2

双面梯型齿: DXL、DL、DH
Double-sided trapezoidal teeth: DXL, DL, DH
- 3

半圆弧齿: HTS (HTD) 型
a.3M、5M、8M、14M、20M
b.双面齿: D3M、D5M、D8M、D14M

Semi-circular arc teeth: HTS (HTD) type
a.3M, 5M, 8M, 14M, 20M
b. Double-sided teeth: D3M, D5M, D8M, D14M
- 4

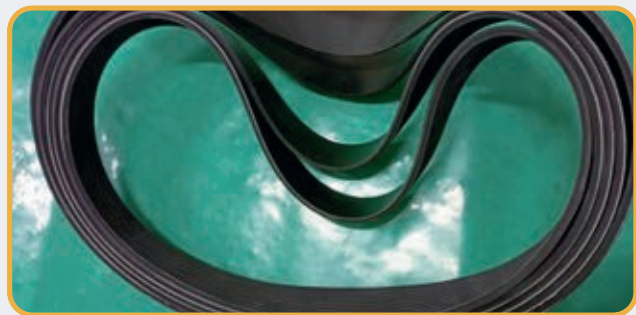
楔型齿: STS
a.S2M、S3M、S4.5M、S5M、S8M、S14M
b.双面齿: DS4.5M、DS8M、DS14M

wedge teeth: STS
a.S2M, S3M, S4.5M, S5M, S8M, S14M
b. Double-sided teeth: DS4.5M, DS8M, DS14M
- 5

齿峰凹型: RPP (低噪音型、可取代型HTD)
a.P3M、P5M、P8M、P14M
b.双面齿: DP5M、DP8M、DP14M

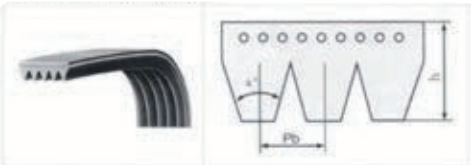
tooth peak concave type: RPP (low noise type, replaceable type HTD)
a.P3M, P5M, P8M, P14M
b. Double-sided teeth: DP5M, DP8M, DP14M

V-Ribbed Belt



V-Ribbed Belt refers to an annular rubber transmission belt with a flat belt as the base body and an equally spaced longitudinal 40° trapezoidal wedge arranged on the inner surface. Its working surface is the side of the wedge.

氯丁胶(CR)和三元乙丙胶(EPDM)



规格型号标记



多楔带各型号参数

型号	楔距 Pb	带高 h	楔角a°
PH	1.6	2.7	40
PJ	2.34	3.6	40
PL	4.7	>1500mm 9.0 ≤1500mm 8.5	40
PM	9.4	16.0	40

Round belt

Name	Polycord round belt
Material	Polyurethane
Color	Green & Orange& Transparent
Diameter	2-30mm
Surface	Rough & smooth
Operating temperature	-20° C to 80° C
Joint	open end, circle, seamless
Application	tempered furnace, food sorting

Polycord round belts have diameter from 2 mm to 20 mm , the belt color has green with rough surface and orange with smooth surface. Our top-quality polycord round belt provide high flexibility, elasticity, and the ability to flex in any direction. Polycord round belt can be endless on the machine by butt-end welding of their ends. This permits easy installation and maintenance with minimal downtimes. Polycord round belt have low creep and a long service life. They can be used for conveying as well as for driving applications.



Felt conveyor belt

model	FTF25-W
color	Grey
Cloth layer	2 layers polyester
Total thickness	2.5MM
Surface material	nomex
Bottom material	nomex
Belt weight	1200g/square meters
1% elongation across width	8N/MM
Cloth layer and TPU peel strength	≥5N/MM
Minimum turning wheel diameter	正转：6MM 反转：6MM
Friction coefficient between base fabric and steel plate	0.4
Temperature resistance limit	-15℃-220℃

Double sided felt

Features of 4.0mm double-sided felt belt products:

1. The operating temperature is -10° C-80° C, up to 100° C;
 2. Resistant to general weak acids and bases and general chemical reagents;
 3. The tensile strength of 3mm thick felt belt is ≥140N/mm; the tensile strength of 4mm thick felt belt is ≥170N/mm; the tensile strength required to extend 1% is ≥15;
 4. The joint methods include toothed joint, oblique overlap joint and steel buckle joint;
 5. Suitable for transporting built-up panels, automobile steel plates, refrigerator shells, papermaking, glass and other objects whose surfaces need to be protected.
- Gray felt belt imported felt conveyor belt thickness: 2.5MM, 4.0MM, 6.0MM.

Generally used in transportation, the felt belt plays a role in soft transportation during high-speed transportation, protecting the conveyed objects from scratches during transportation. The static electricity generated during high-speed transportation is conducted through the felt belt. When it goes out, the conveyed objects will not be damaged due to static electricity and damage to the conveyed objects will be avoided. The felt belt operates with low noise and is environmentally friendly. It has conductivity, softness, breathability, stable 1% elongation, surface shear resistance, and flexibility under operation. It is used in soft cutting industry, soft conveying and transmission industry, logistics conveying industry, industrial belt processing industry, etc.

The surface is soft and will not damage the conveyed objects. It can be divided into single-sided felt and double-sided felt.

Mainly used in automobiles, precision ceramics, electronics, circuit board industries, etc., with operating temperatures ranging from -10° C to 80° C, up to 100° C;

The joint methods include toothed joint, oblique overlap joint and steel buckle joint.

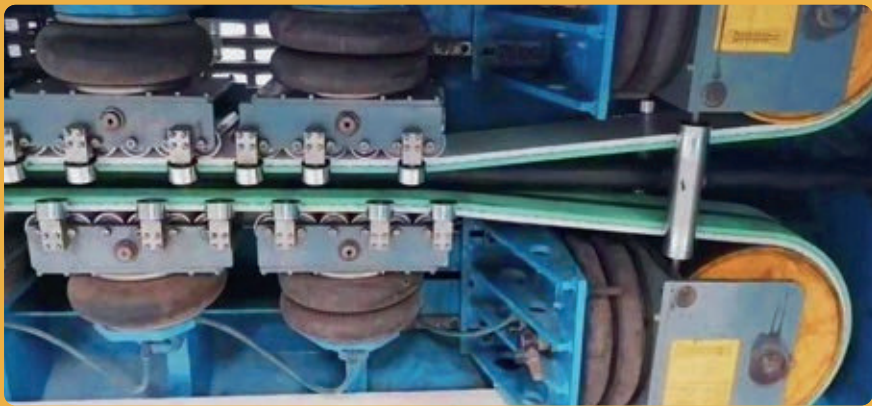
Twist Link Belt



Our link belt adopts high performance polyurethane and polyester composite materials which guarantee excellent durability in harsh conditions. They will outperform conventional rubber V belts in handling hostile environments, including exposure to oil, grease, water and so on. They are also more resistant to abrasion and will operate, with no loss in performance, at a more extreme temperature range from -40° C to 90° C. Polycord round belt is widely used for packing machine, printing machine, textile machine, power transmission pulley, cement and wood transportation, and food sorting and so on.

Model	Size	Color	Material	Working temperature
Z10	8.5mm-11.5mm	Red	PU	-10~80℃
A13	11.5mm-14.5mm			
B17	15.5mm-18.5mm	Orange with nuts		
C22	20.5mm-23.5mm			

Traction strap



The cable traction haul off is driven by the friction generated between the belt and the pulley, which belongs to the friction drive in the transmission belt. It is composed of the driving wheel, the driven wheel and the belt tightly set on the two belt wheels.

XZBELT traction haul off belt is generally made of PU polyurethane material, In the middle is a seamless woven polyester fabric. with a soft belt body, good stability, wear resistance, and no dust adhesion to the cable in the process of work. Compared with the domestic ordinary black rubber and red green rubber traction belt, the service life and stability of polyurethane traction belt is higher than that of rubber material

Product name	Traction strap
Brand	XZbelt
material	Polyurethane
The color	green
Size	as required
thickness	10 mm to 30 mm
features	Soft and non damaging products
Heat resistance	- 20 °C to 100 °C
Application	wire and cable
Joint method	Seamless joint
Authentication	ISO9001
Delivery time	7 days

Wire stripping

Rubber traction strap



The belt peeling machine is used in the wire and cable industry and the automatic wire harness processing industry
Stripping machine belt is mainly used in various automatic wire harness processing equipment such as wire cutting machine, wire stripper, peeling machine, etc.

Features of belt stripper

- 1、 Large stripping area and fast speed, which can greatly reduce labor intensity and reduce the time required for joints;
- 2、 Light weight, easy to carry ;
- 3、 Stable operation.

Seamless belt

Applicable environment and advantages

- 1 Suitable for small roller conveying
- 2 No joint design will not break and no hard ends
- 3 The tension of each section is exactly the same
- 4 The conveying is very smooth and there is no jitter during high-speed operation



model	SJB/BRY
Belt surface	PU/PVC
Back of belt	White fiber cloth layer
Belt material	PU/PVC
Belt thickness	0.5mm~2mm
Number of cloth layers	1~2
Surface PU hardness	90A1% stretch in width8N/mm
Minimum turning wheel diameter	Forward8mm~10mm
Belt and roller friction coefficient	0.3
Temperature resistance limit	80℃~90℃

Coil Wrapper Belt



Coil wrapper belt is used for coiling flat rolled metal strips. Wrappers are used in iron and steel industry to coil flat rolled steel, aluminium, copper and etc. Coil wrapper belt is seamless type, the whole belt has no joint, which has high strength and will not be break from the joint part. The belt top cover is made of wear-resistant non-aging polyurethane that is resistant to the emulsion used for rolling. The belt middle use solid woven fiber with excellent impact and cut resistant, the strong edges which prevent it from wearing. The truly endless type guarantee the high strength of the belt, the whole belt has no joint.

our self-developed PU seamless wrapper belt broke the monopoly of Europe and America in this area.
Our autonomous developed ring endless belt meet the import standard. It works smoothly and it is not easy to crack or disconnect at the interface.
It is especially applied in electronic, financial and airport logistics delivery.

Silicone timing belt



What is silicone timing belt?

Silicone timing belt is timing belt coated with silicone by way of scraping and coating. The base belt has two types, one is PU, another is rubber, timing belt teeth profile can be customized, the belt joint has many types, such as flexpfoof, steel buckles, seamless and so on.

silicone timing belt is XZ belt patented product

The production process of silicone timing belt is XZ belt’s patent, the patent No.is ZL 2017 1 0305469.X

The developed SIBR-5M silicone synchronous belt for sanitary industry has broken the monopoly of Japan NITTA in this field. Our silicone timing belt has the advantage of no crack, no crumb, wear resistance and high tensile strength.

model	SIBR-M
surface material	Milky white silicone
strap	Rubber timing belt/pu timing belt
Total thickness	5MM or customized
Timing belt thickness	3.8MM or customized
Silicone band thickness	1.2MM or customized
Core material	Depending on the timing belt options, there are steel wire core, Kevlar wire core, and glass fiber core. Maximum tensile strength of 100MM wide HTD5M belt example: 2300N
Temperature resistance limit	-20~160℃
Peel Strength of Silicone and Timing Belts	6N
Friction coefficient between timing belt and support plate	0.3
surface adhesion	less than10GF
Minimum turning diameter	25MM