



JUTOU®

浙江凯力橡胶有限公司

ZHEJIANG KAILI RUBBER CO.,LTD.

地址：浙江省天台县洪畴工业区

Add : Industry zone Hongchou Tiantai Zhejiang China

电话(Tel) : 86-576-8301 0521

传真(Fax) : 86-576-8301 0520

<http://www.kailirubber.com>



JUTOU®
ZHEJIANG
KAILI RUBBER
浙江凯力橡胶有限公司

ZHEJIANG KAILI RUBBER CO.,LTD.



ABOUT COMPANY 关于公司

浙江凯力橡胶有限公司位于国家AAAA级风景名胜区天台山麓，毗邻上三高速和甬台温高速，地理位置优越，交通十分便利。公司总占地面积为6万平方米，其中建筑面积为3万平方米，公司现有职工300多人，其中中、高级职称人员占40多人。经过多年的努力，特别在完成投资1000万元的技改工程后，公司得到迅猛的发展，形成了年产输送带300万平方米的生产规模。“质量是企业的生命，科技是发展的动力。”这是凯力公司的格言。为此，公司立足于科技创新，采用新材料，新工艺，加快调整生产结构，积极开发市场适销对路的新产品，使公司发展得到良性循环。为使产品品质更上一层楼，公司引进完备的检测设施，采用严格的管理手段，并坚持按照ISO9001:2008质量管理体系进行品质管理，使客户利益得到保障。

公司生产的产品有：输送带、平胶带、V带及各种水带。由于质量优良，价格合理，服务完善，畅销国内外市场，并获得用户的好评，满足了冶金、煤炭、建材、机电、交通、港口等方面的需要。强大的生产技术，优秀的产品品质，完善的服务，使本企业与客户形成了相互信赖，并赢得了广大市场，新的世纪，新的发展，我们竭诚欢迎各界朋友惠顾指导，并热情希望新老客户加强合作。

Located in the East of the National “AAAA” Grade Scenery—The Tiantai Mountain,Zhejiang Kaili Rubber Co.,Ltd.is adjacent to shang san Highway and enjoys convenient transportation. covering area about 60,000 m² among which 30.000m² are of buliding area. Our company have 300 employees and 40 different superb skill staff,Through many years diligence and especially under the investment of 10 million Yuan's technical amelio rating Projects, we have developed in bounds and leaps, that enable our capacity to be3000,000 m² annual. "Quality is enterprise's lifeline and science&technique is the developing motime "is our company's motto, therefore, we keep foot hold in the innovation of science and technique, adopt new material, new technology, speed up the adjustment of science and technique of production structure. actively develop the latest products which are popular in the markets. That enable us develop with perfect recycle. Moreover. we've introduced complete detecting facilities. Adopte strict management solution and past the ISO9001–2008 conformity so as to improve our quality further and to guarantee our customers'benefit.

Our brand including many kind of products like conveyer belt, flat transmission belts. It popular in the domestic and aboard market adhering the choiceness quality, reasonable price. Perfect service, It's satisfy the range of metallurgy, coal, construct,transportation,port and othe fields request, we get a good confident from our clients with our stronge production technology .excellent quality and best sales service,it's won a immensity market.New century and new development,Welcome your patronize and supervise,and our new cooperation.



PRODUCTION EQUIPMENT 生产设备





TESTING EQUIPMENT 检测设备

凯力公司拥有先进的检测设备和相对严格的检验检测程序，在多年的创业过程中，秉承“质量是企业的生命，不断提升的质量水平是企业发展的动力”的质量方针，不断加强软硬件方面的投资力度，增添了各种先进的检测设备和培养了一批优秀质量管理人员，保障了出厂产品的合格率。

Kaili company has advanced detection equipment and relatively stringent detecting procedures, in nearly years building process, adhering to our quality policy of "quality is enterprise's life and ever-improving quality state is enterprise's driving force", we continuously increased investment in hardware and software, added many types of testing equipments and trained a large numbers of excellent quality control personnel to ensure the pass rate from our manufacture.



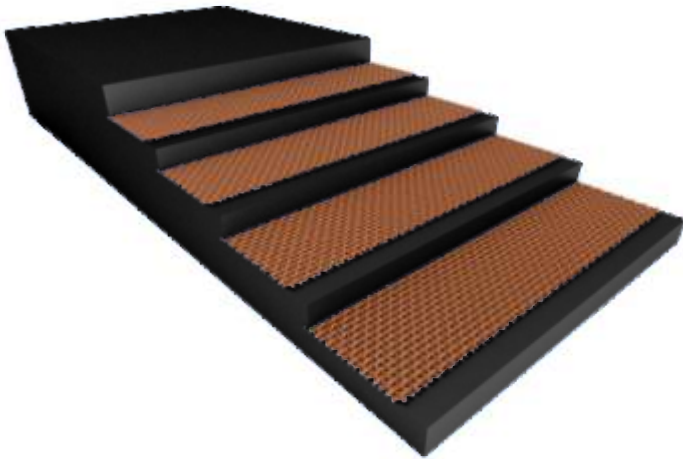
DIN 22102 德国标准

Type	Standard	Tensile Strength min. MPa	Ultimate elongation min. %	Abrasion max. mm	Density g/cm	Basic material	Hardness ° Sh	Temperature range ° C
GENERAL PURPOSE BELTS								
P	MF/H-13*	10	300	250	1.26	SBR	60 ± 5	-45 to +60
N	DIN 22102 Z ISO 10247 L BS10247 D	17	400	150	1.13	SBR	60 ± 5	-45 to +60
W	DIN 22102 W ISO 10247 D	18	400	90	1.12	NR/BR	60 ± 5	-60 to +60
Y	DIN 22102 Y	20	400	150	1.13	IR/SBR	60 ± 5	-45 to +60
X	DIN 22102 X ISO 10247 H BS 490 M 24	25	450	120	1.11	NR	60 ± 5	-45 to +60
HEAT RESISTANT BELTS								
HEAT	ISO 4195	15	400	150	1.13	SBR	60 ± 5	-20 to +150
HIHEAT	MF/H-1*	10	400	200	1.07	EPDM	60 ± 5	-20 to +180
FIRE RESISTANT BELTS								
K	DIN 22102 K ISO 433 K	15	400	150	1.30	NR/BR	60 ± 5	-30 to +60
S	DIN 22102 S ISO 433 S	15	400	150	1.30	NR/BR	60 ± 5	-30 to +60
vt	DIN 22109/ 4 vt	15	350	200	1.29	MBR/ NBR-PVC	60 ± 5	-30 to +60
OIL RESISTANT BELTS								
MOR³	DIN 22102 G	15	450	200	1.12	MBR/ SBR-	60 ± 5	-30 to +60
PITCH	MF/H-6*	15	450	200	1.11	MBR/ /BR/IR	55 ± 5	-60 to +60
OR	DIN 22102 G	12	300	200	1.25	MBR	60 ± 5	-20 to +100

POLYESTER FABRIC
CONVEYOR BELT 聚酯输送带

聚酯输送带又称EP输送带，其骨架材料为径向涤纶、纬向锦纶交织而成的聚酯帆布，其性能特点是径向的低延伸率和纬向的优良成槽性能，耐水性好，湿度强度不下降，不发生霉变，初始模量高，适用于中长距离较高载重、高速条件下输送物料。

Polyester fabric conveyor belts are also called EP belts , whose frameworks are composed of polyester canvas knitted by radial Dacron and weft poly-amide.They are characterized by low radial tensile rate and excellent groove forming ability and good water resistance. Their strength won't be weakened by moisture.Moreover,they won't mould and enjoys high initial modulus.



多层聚酯织物芯输送带的规格及技术参数

Specification and technical data of multi-ply polyester conveyor belt

织物类型 Fabric type	织物构造 Fabric structure		织物型号 Fabric specs	胶布厚度 Ply thickness (mm/p)	强度系列(N/mm) Stiength series					覆盖胶厚度(mm) Cover thickness		宽度范围(mm) Width	带长(m) Length
	经 Warp	纬 weft			2层 2Ply	3层 3Ply	4层 4Ply	5层 5Ply	6层 6Ply	上覆盖胶 Upper	下覆盖胶 Lower		
聚酯 Polyester (EP)	聚酯 Polyester (EP)	锦纶 Polyamine (P)	EP-80	0.60	160	240	320	400	480	1.5-12	0-4.5	400-2500	≤300
			EP-100	0.75	200	300	400	500	600			500-2500	
			EP-150	1.00	300	450	600	750	900				
			EP-200	1.10	400	600	800	1000	1200				
			EP-250	1.25	500	750	1000	1250	1500				
			EP-300	1.35	600	900	1200	1500	1800			1000-2500	
			EP-350	1.45	-	1050	1400	1750	2100				
			EP-400	1.55	-	-	1600	2000	2400				
			EP-500	1.70	-	-	2000	2500	3000				

粘合强度、延伸性能符合下表

Adhesion and elongation of the belt

带芯材料 Belt carcass	粘合强度 Adhesive strength				延伸性能 Elongation	
	布层间 Between plies	覆盖与布层间(N/mm)Between rubber and carcass		全厚度纵向拉伸断裂伸长率 Longitudinal elongation at break	全厚度纵向参考力伸长率 Longitudinal elongation at reference	
		覆盖层厚度≤1.5mm Rubber thickness≤1.5mm	覆盖层厚度>1.5 Rubber thickness>1.5		%≥	%≤
聚酯帆布 EP canvas	≥4.50	≥3.15	≥3.50		10	1.5

NYLON
CONVEYOR BELT 尼龙输送带

尼龙输送带是以锦纶纤维编织的尼龙帆布为骨架材料，覆以高性能橡胶而成的输送带，它具有带体薄、强力高、耐磨损、耐冲击、成槽性好，层间粘合力大，屈挠性能优异及使用寿命长等特点，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。

Nylon conveyor belts are mainly composed of nylon canvas knitted by poly-amide fibre. It is covered with high performance rubber,which offers it thin belt body, high strength,wearing resistance,impact resistance,groove forming abilit,strong layer adhesiveness,flexing resistance and long service life.It could be used to transport materials in the situatio of medium and long distance, larger amount and high speed,Hence,Nylon conveyor belts are widely used in mining,metallurgy,architecture and ports.



尼龙多层织物芯输送带的规格及技术参数 Specification and technical data of multi-ply nylon conveyor belt													
织物类型 Fabric type	织物构造 Fabric structure		织物型号 Fabric specs	胶布厚度 thickness (mm/p)	强度系列(N/mm) Stiength series					覆盖胶厚度(mm) Cover thickness		宽度范围(mm) Width	带长(m) Length
	经 Warp	纬 weft			2层 2Ply	3层 3Ply	4层 4Ply	5层 5Ply	6层 6Ply	上覆盖胶 Upper	下覆盖胶 Lower		
尼龙 Nylon (NN)	锦纶 Nylon (N)	锦纶 Nylon (N)	NN-100	0.75	200	300	400	500	600	1.5-8	0-4.5	400-2500	≤300
			NN-150	0.80	300	450	600	750	900			500-2500	
			NN-200	0.90	400	600	800	1000	1200				
			NN-250	1.15	500	750	1000	1250	1500			800-2500	
			NN-300	1.25	-	900	1200	1500	1800				
			NN-400	1.45	-	-	1600	2000	2400				
			NN-500	1.55	-	-	2000	2500	3000				

粘合强度、延伸性能符合下表 Adhesion and elongation of the belt					
带芯材料 Belt carcass	粘合强度 Adhesive strength			延伸性能 Elongation	
	布层间 Between plies N/mm	覆盖与布层间 (N/mm) Between rubber and carcass(N/mm)		全厚度纵向拉伸伸长率 Longitudinal elongation at break % ≥	全厚度纵向拉伸伸长率 longitudinal elongation at reference load % ≤
		覆盖层厚度 ≤1.5mm Cover layer thickness ≤1.5mm	覆盖层厚度 >1.5 Cover layer thickness >1.5		
全棉帆布 Cotton canvas	≥4.50	≥3.15	≥3.50	10	2.0

HEAT RESISTANT
CONVEYOR BELT 耐高温输送带

该产品带芯经过特殊浸渍定型处理后，粘合强度高，在180℃以下正常使用条件下，伸长变形小，磨耗性能优异。在短时间内可承受250℃高温。适用于水泥、焦化、冶金、钢铁等工业使用。

The carcass of this product has very high adhesion after the special treatment of coating and shaping.Under normal working temperature of below 180℃,the belt is low in elongation,excellent in anti-abrasion,and can bear 250℃ high temperature for a short time.The belt is suitable for use in cement,metallurgy and steel industry.

用途 Application

- I1** 有耐热要求，物料温度不很高的场合使用，不适用用于粉状物料
Cotton canvas conveyor belts could be applied in situations with heat resistance requests but not with high temperature materials. They can't be used to transport powder-like materials.
- I2** 用于有耐磨要求切温度适宜的场合，或用于温度不很高的粉状物料
They can be used in situations with wearing resistance requests and moderate temperature or used to transport powder-like materials with moderate temperature.
- I3** 用于温度较高,耐磨性要求较高的场合，如烧结成品，水泥熟料等
They can be used in situations of high temperature and with requests for high wearing resistance,such as sinter and cement clinker.
- I4** 用于温度较高,耐磨性要求较高的场合，如烧结成品，水泥熟料等
They can be used in situations of high temperature and with requests for high wearing resistance,such as sinter and cement clinker.

基本性能指标 Basic Performance Indicators

项目 Item		类别 Class			
		T1	T2	T3	T4
		试验温度 Test temperature			
		≤100℃	≤125℃	≤150℃	≤175℃
		允许变化范围 Change range allowed			
硬度 Hardness	老化后与老化前只差 Difference before and after aging (IRHD)	+20	+20	± 20	± 20
	老化后的最大值 Maximum value after aging (IRHD)	85	85	85	85
拉伸强度 Tensile Strength	性能变化率 Change rate of property / %	-25	-30	-40	-40
	老化后最低值 Minimum value after aging / MPa	12	10	5	5
拉断伸长率 Breaking Elongation	老化后变化率 Change rate after aging / %	-50	-50	-55	-55
	老化后最低值 Minimum value after aging / %	200	200	180	180



FIRE RESISTANT CONVEYOR BELT 阻燃输送带

本产品由尼龙帆布、聚酯帆布作芯带，复合阻燃复盖胶。经过压延、成型、硫化等工序精制而成。适合于煤矿井上、热电厂等易燃易爆环境下输送非腐蚀性的块状、粒状、粉末状物料，如煤炭等散料或成件物品。

This product is covered by flame retarding double sizing and its belt core is composed of nylon canvas and polyester canvas.It is manufacturing through such processing procedures as rolling,moulding and vulcanization. It could be used to transport non-corrosive block-like, grain-like and powder-like materials in flammable and combustions like mines and thermal power plant ,such as bulks and products like coals.

覆盖层性能 Cover Prbber Property			
覆盖层性能级别	拉伸强度/MPa ≥	拉断伸长率/% ≥	磨损量/mm ≤
D	18.0	450	200
L	14.0	400	250
当覆盖层厚度为0.8mm~1.6mm时，试样厚度是可以切出的最大厚度吗，此时，拉伸强度和拉断伸长率允许比表中值低15%以内。注：D-强磨损工作条件；L-一般工作条件。			

安全性能 Safety Property		
项 目	阻燃性能等级	
	K2级	K3级
火焰持续时间	六个有覆盖层试样的火焰持续时间合计不得大于45s,任何单个值不得大于15s	三个有覆盖层试验的火焰持续时间的平均值不得大于60s
导静电性能 再燃性	不大于3x108	
	任何一个试验上应不重新出现火焰	



PIPE CONVEYOR BELT 管状输送带

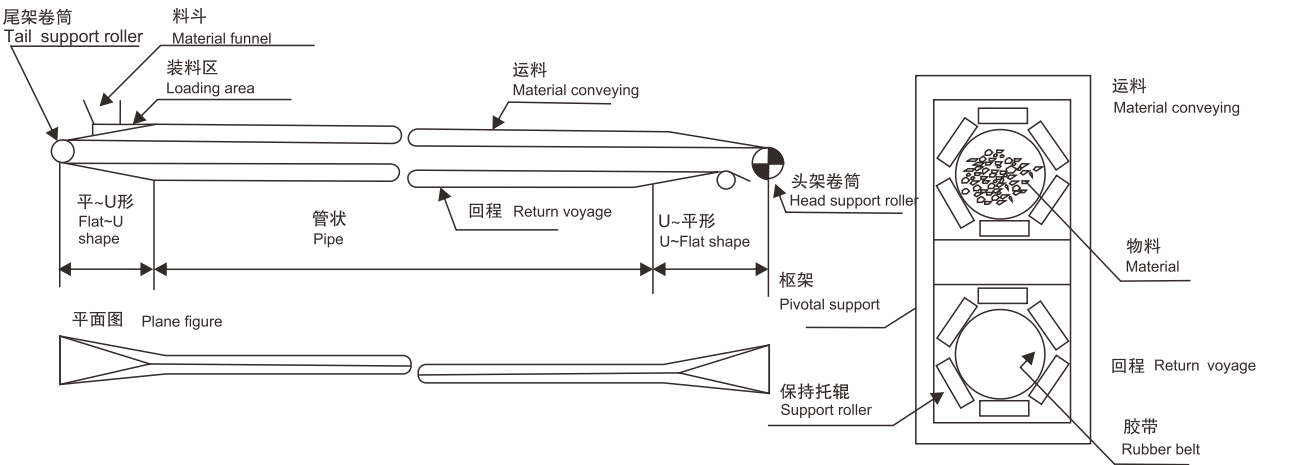
管状输送带是以芯体（聚酯帆布、钢丝绳等）为骨架，以高弹性、高耐磨、高强度橡胶为工作面组成的新型运输产品，主要用于输送粉状、颗粒状等易污染环境的物料。工作时胶带由平面渐变成U形，最后成为管状，将物料包住，实现封闭输送。

Pipe conveyor belt is new type of conveying belt which uses belt carcassep(EP fabric,Steel cord and etc.) as skeleton,high elastic,high anti-abrasive and high strength rubber as working surface.They are mainly used in conveying powdery and granular materials and etc.that are pollutive to the environment.When working,the rubber belt changes its form from flat to U shape and finally to pipe shape,folding the materials and realizing the process of enclosed conveying.

主要特点 Main characteristics of the belt

- 1、密闭输送物料，物料环境双向保护。
Enclosed conveying of materials,protecting both the materials and the environment.
- 2、大倾角输送，输送倾角通常可达30度。
Steep angled conveying,the conveying angle can reach 30 degrees usually.
- 3、输送线路可按空间曲线布置。
Conveying line can be carranged according to the curve of space.

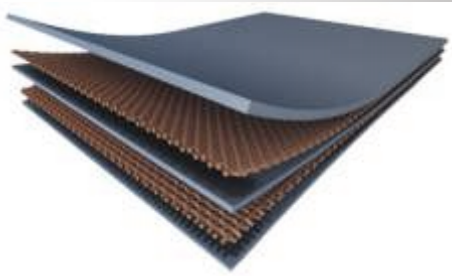
示意图 Illustration diagram



OIL RESISTANT CONVEYOR BELT 耐油输送带

耐油输送带由全棉帆布、维棉、涤棉、尼龙、聚酯交织浸浆帆布经压延、贴胶、裁断成型、加热硫化等工序精制而成。覆盖胶选用耐油要求不同的特种耐油胶，经过特殊工艺加工覆盖在胶带表面，保护带芯不受侵害。

It uses cotton canvas,nylon canvas and polyester canvas as belt core, Hence, the belt body enjoys good elasticity,excellent grooving forming ability and small tensile rate. The covering layer is processed with acid and alkaline resistance materials.Therefore,it is characterized by excellent chemical corrosion resistance performance and good physical performance.



技术指标 Technical Indexes

采用德国标准 DIN 22102

MOR	DIN 22102 G	15	450	200	1.12	MBR/ SBR-	60 ± 5	-30 to +60	Moderatelt oil resistant. Suitable for materials consisting of animal fat or vegetable oil. Swelling in ASTM 3oil (24 h,100°C)max.+65%.
PITCH	MF/H-6*	15	450	200	1.11	MBR/ BR/IR	55 ± 5	-60 to +60	Suitable for materials consisting of pitch and turpentine.In result of ageing for 24 hours at 20°C in turpentine oil the volume change is max .+45%. It can be operated at continuous low temperature of even -60°C. R type according to DIN 22102.Swelling in ASTM 3 oil (24h,100°C) max.+/-10%.
OR	DIN 22102 G	12	300	200	1.25	MBR	60 ± 5	-20 to +100	High degree resistance against mineral oils. Suitable for materials consisting

用途 Application

该产品适合于输送油性物料及油态工作场 合下使用。
This product could be used to deliver oil materials or applied in situations with oil.

ACID-BASE RESISTANT CONVEYOR BELT 耐酸碱输送带

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而成覆盖层，具有良好的抗化学腐蚀性能和良好的物理性能。

Because the belt core selects cotton-duck, nylon-duck or EP-duck,the belt has good elasticity,excellent troughability,and low elongation,The rubber cover, which is made from chemical resistant materials, has fine anti-chemical corrosiveness and good physical properties.

用途 Application

适用于化工厂、化肥厂、造纸厂等厂矿企业输送含有酸性或碱性等腐蚀性的物料。
It could be used to deliver acid or alkaline corrosive materials in chemical plants, fertilizer plants and paper mills.

技术指标 Technical Indexes

类别	浸泡溶液	浓度	浸泡条件 温度×时间	浸泡前后性能变化率	
				体积膨胀率	强度变化率
A1	盐酸(HCl)	18%	50°C × 96h	+10%以下	-10%以内
A2	硫酸(H2SO4)	50%	50°C × 96h	+10%以下	-10%以内
A3	氢氧化钠(NaOH)	48%	50°C × 96h	+10%以下	-10%以内

COLD RESISTANT CONVEYOR BELT 耐寒输送带

选用棉帆布、尼龙帆布、聚酯帆布作为带芯。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，耐寒性等特点，能在零下40℃的环境下正常使用。

We select cotton canvas ,nylon canvas and polyester canvas as belt .As for covering sizing ,we adopt the blend of natural rubber and butadiene rubber , because the blend enjoys high elasticity , impact resistance and cold resistance and could be normally used in the situation with the temperature of below 40°C.

用途 Application

适用于寒冷地区露天或冷冻仓库等场合输送物料。
It could be used to deliver materials in cold open-air areas of frozen warehouses.

技术指标 Technical Indexes

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。
Cold resistance conveyor belts could be classified into three types as Laceration resistant type (H),anti-abrasive type (D)and general Type(L)according to performance of the covering sizing

根据耐寒性能分为C1和C2两种级别。C1使用环境温度
为 - 45~ + 50℃；C2使用环境温度为 - 60~ + 50℃。
It could be classifies into two levels as C1 and C2 according to the cold resistance.The operation temperature for C1 is - 45~-+50°Cand the operation temperature for C2 is -60+50°C。



ENDLESS CONVEYOR BELT 环形输送带

环形输送带是在生产过程中将输送带制成无接头环形输送带，其特点是带芯没有接头，没有因接头处早期损坏带而影响使用寿命，胶带表面平整、张力均匀。因此胶带运转平稳，使用伸长率小。

Endless conveyor belt is conveyor belt that has been made into endless without joint in the process of production ,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 or the belt. The belt is flat in surface and even in tension .Hence ,the belts could operation steadily with low tensile rate.



CHEVRON CONVEYOR BELT 花纹输送带

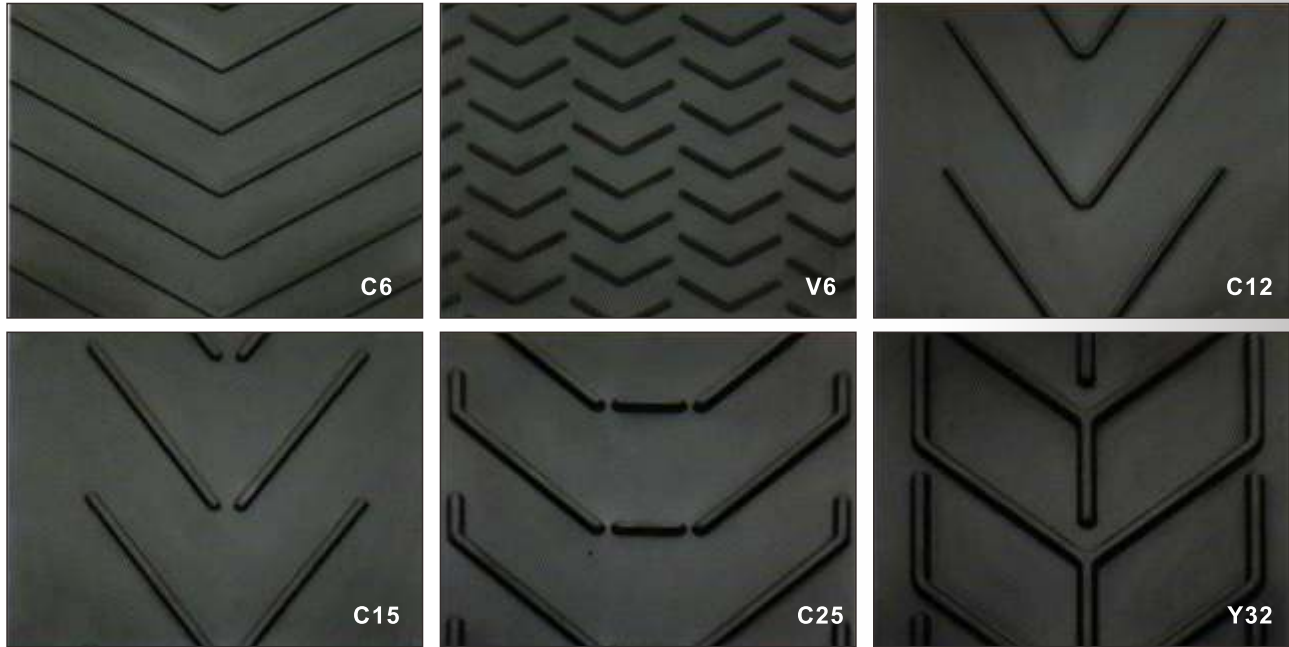
花纹输送带是由带体和花纹部分组成，由于运输的物料不同和输送机倾角大小，要求花纹的形状和高低深浅也不同。
Chevron conveyor belt is composed of belt carcass and pattern. Pattern shape and height(depth) may be different because of different conveyes material and gradient of conveyors.

用途 Application

适用于≤40度倾角的粉状，颗粒状、小块物料输送，也可输送包装袋物料。
It can convey powdered,granulates and small lump materials at the gradient of no more than 40;it can also convey packaged materials.

C6/C15/C25/Y32/V6

Chevron Type	Pattern	C.H(mm)	C.W(mm)	C.P(mm)	Belt Width	
					mm	inch
C6	C6-P230	6	230	75	300-400	12" -16"
	C6	6	300-1200	100	300-1200	12" -48" (1215)
V6	V6	6	600-1800	75	600-1800	24" -72"
C12	C12-V800	12	800	150	800-1200	32" -48" (1206)
C15	C15-V330	15	330	250	400-600	16" -24"
	C15-P385	15	385	250	500-800	20" -32" (800)
	C15-V450	15	450	300	600-600	24" -32" (800)
	C15-P500	15	500	340	550-750	22" -30" (750)
	C15-P600	15	600	250	750-1000	30" -40"
C25	C15-P750	15	750	250	900-1200	36" -48" (1215)
	C25-P450	25	450	335	600-750	24" -30" (750)
	C25-P550	25	550	250	600-800	24" -32"
Y32	C25-P750	25	750	330	900-1200	36" -48" (1215)
	Y32-P450	32	450	255	500-800	20" -32" (800)
	Y32-P600	32	600	300	800-1000	32" -36"
Y32	Y32-P800	32	800	333	1050-1200	36" -48"



SIDEWALL CONVEYOR BELT 挡边输送带

由于场地限制或需要大倾角提升物料，为了防止输送物料的散落，往往选择挡边输送带。该产品适用于大倾角(0°~90°)条件下输送物料。输送带的骨架材质、强力，可根据用户需要选择生产，骨架材质有全棉(CC)，尼龙(NN)，涤锦(聚酯)。

Owing to space limitation or in case of lifting materials at large slope,raised edge conveyor belt is often used to prevent scatter of conveyed materials.It is suitable for conveying materials at a large slope from 0 degree to 90 degrees.The carcass material and strength of the belt can be selected according to rquirements of users,we have the following carcass materials:Cotton (CC),Nylon(NN),and Polyester and nylon(EP).

特性 Characteristics:

- 1、输送物料时，可实现大倾角至90°

2、输送量大，物料不会散落。

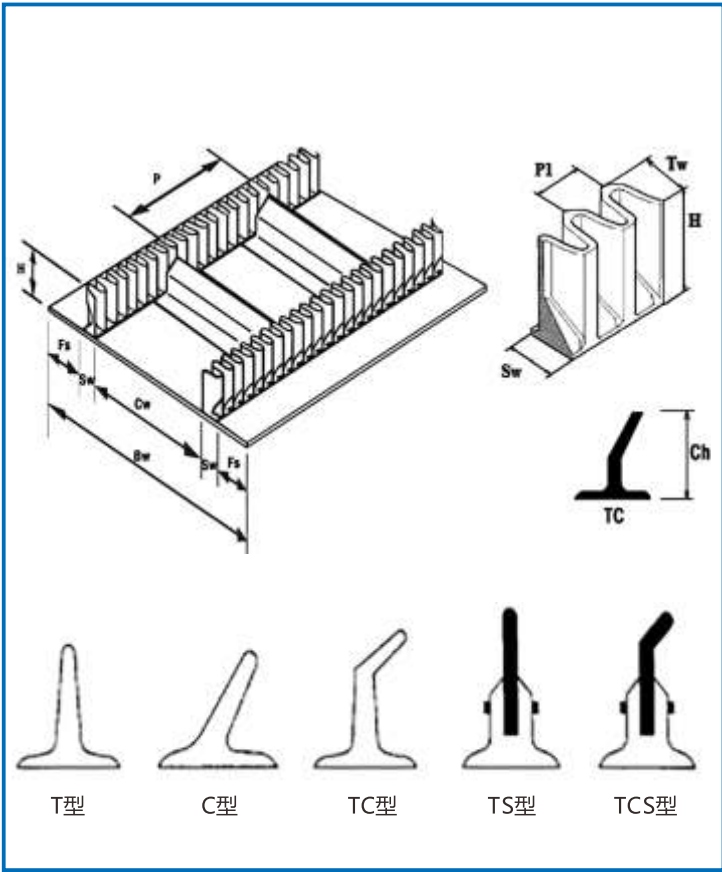
3、可由水平到倾斜，由倾斜到水平的角度变换输送。

4、输送机结构简单，布置灵活，占地面积小。
1. Materials can be conveyed at a large slope up to 90 degrees.

2. The belt has large loading capacity and the materials cannot be scattered.

3. The slope of conveying can be changed from horizontal to sloping,or from sloping to horizontal.

4. The conveyor is simple in structure,flexible in arrangement and occupying only a small area.

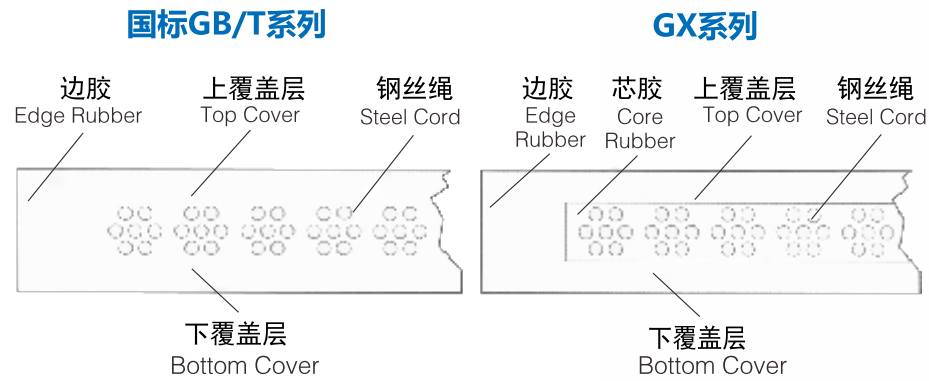
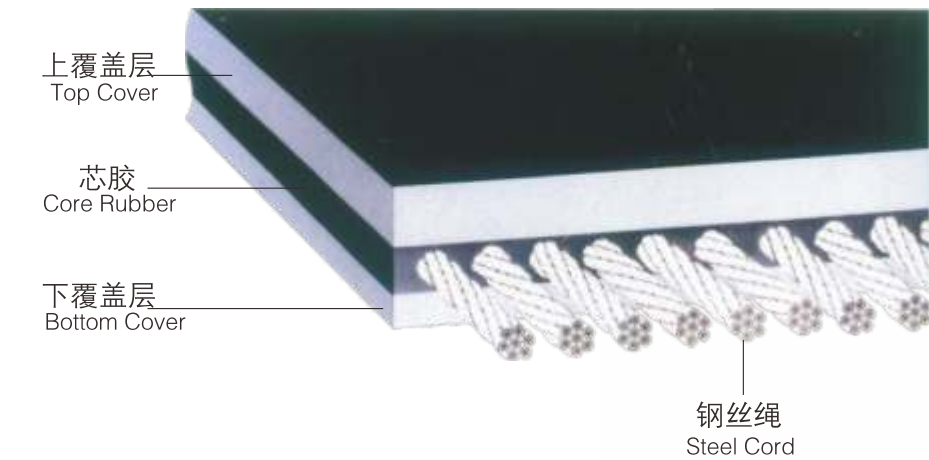


STEEL CORD
CONVEYOR BELT 钢丝绳芯输送带

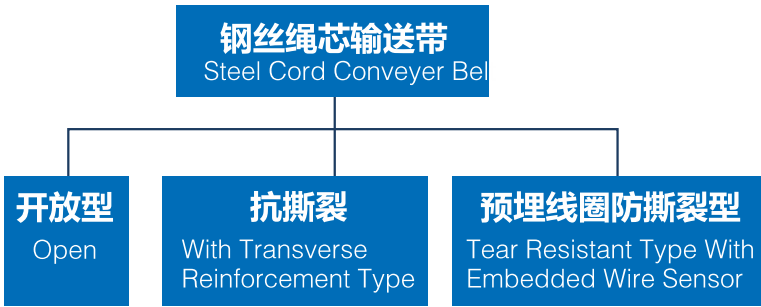
适用于高强度、长距离、大运输量场合下输送物料。在特殊情况下，也适用高强度、大运输量、短距离输送物料。
Our products could be used to transport materials in the situation of high strength, long distance and large amount. In special situation, our products could be also used to transport materials in the situation of high strength, large amount and short distance.

特性 Characteristics:

- 1.抗拉强度高：适用于单机大跨度、长距离输送物料。
Our products are characterized by high tensile strength and suitable or sine machine with large span and material transportation with long distance.
- 2.使用伸长短：所需拉紧行程短。
Due to small tensile, our products could be stained with a small travel distance.
- 3.传动辊筒直径小：带芯由一层纵向排列的钢丝绳作骨架，耐屈挠疲劳。故可配用直径较小的辊筒，使设备紧凑。
The driving roller with small diameter: the belt core takes vertically arranged steel wire rope as framework, which could resist flexing.The machine could be equipped with driving rollers of small diameter, which could make the machine more compact.
- 4.橡胶与钢丝绳粘着好：钢丝绳表面镀锌，同时采用与钢丝绳有优良粘合性能的胶料，与钢丝绳粘合在一起，耐冲击，不易掉块，使用寿命长。
Adhesion of rubber and steel wire rope: galvanize the surface of the steel wire rope and use excellent adhesive sizing material to make steel wire ropes stick together. They are impact resistant, strongly adhesive. Moreover, they have a long service life.
- 5.钢丝绳张力均匀：由于制造工艺先进，钢丝绳排列均匀，张力一致，运行平衡，不易跑偏。
The tensile of steel wire ropes are well distributed: Due to advanced manufacturing technology, steel wire ropes are well distributed, which keeps an average tensile, stable operation and less deviation.



分类:
Classification



胶带标准规格：Standard belt specifications

胶带强力 Belt strength (St-No.)	钢丝绳直径 Cord diam d(mm)	钢丝绳结构 Composition	绳间距 Pitch P(mm)	标准工作拉力 Standard Working tension (N/mm)	标准盖胶厚度 Standard cover thicknessst t mm	带重 Belt weight (kg/m)	最小辊筒直径 Min.priley diam .mm	钢丝绳强度 KN/根 Cord strength KN/piece
st-630	3.0	6×7+IWS	10	90	5+5	20.0	800	6.93
st-800	3.5	6×7+IWS	10	110	5+5	20.6	800	8.8
st-1000	4.0	6×7+IWS	12	140	6+6	24.7	800	13.2
st-1250	4.5	6×7+IWS	12	175	6+6	25.4	800	16.5
st-1600	5.0	6×19+IWS	12	225	6+6	26.0	1000	21.12
st-2000	6.0	6×19+IWS	12	285	8+6	30.0	1000	26.4
st-2500	7.2	6×19W+IWS	15	355	8+6	32.2	1250	41.25
st-3150	8.1	6×19W+IWS	15	450	8+8	35.7	1400	51.98
st-4000	8.9	6×19W+IWS	15	570	8+8	37.8	1600	74.8
st-4500	9.7	6×19W+IWS	16	645	8+8	38.7	1800	79.2
st-5000	10.9	6×19W+IWS	17	715	8.5+8.5	41.9	1800	93.5
st-5400	11.3	6×19W+IWS	17	760	9+9	43.9	2000	101

钢丝绳根数：Number of steel cords

带宽 (mm) Belt width	st630	st800	st1000	st1250	st1600	st2000	st2500	st3150	st4000	st4500	st5000	st5400
800	75	75	63	63	63	63	50	50				
1000	95	95	79	79	79	79	64	64	64	59	55	55
1200	113	116	94	94	94	94	76	76	77	71	66	66
1400	133	133	111	111	111	111	89	89	90	84	78	78
1600	151	151	126	126	126	126	101	101	104	96	90	90
1800		171	143	143	143	143	114	114	117	109	102	102
2000			159	159	159	159	128	128	130	121	113	113
2200						176	141	141	144	134	125	125

St系列

胶带型号	St630	St800	St1000	St1250	St1600	St2000	St2500	St3150	St3500	St4000	St4500	St5000	St5400	St6300
最小辊筒直径 mm	500	500	630	800	1000	1000	1250	1400	1600	1600	1600	1800	1800	1800

→ Wrapped V- Belt
包布V带

三角带(V带)按其截面尺寸的大小标准分为：O、A、B、C、D、E、F七种型号，新标准分为Y、Z、A、B、C、D、E七种，其截面尺寸依次增大。

常用的三角带为Z、A、B、C、D五种型号，选用时要根据功率和皮带轮槽的尺寸选择相应型号的三角皮带。

Triangle belt(V shape belt)is divided into seven types of O,A,B,C,D,E and F according to itssection sizes,and divided into seven types of Y,Z,A,B,C,D and E according to new standard,and its section size increases gradually.

Normal triangle belt has five types of Z,A,B,C and D,and triangle belt with corresponding type shall be selected according to power and pulley groove size.

■ 产品特点:

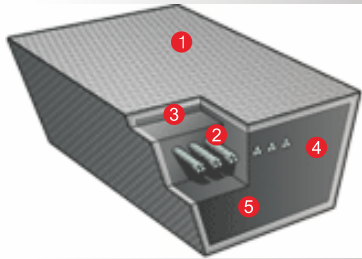
- 1、包布保护内层，耐久性强
- 2、采用特殊芯胶，伸长率小且寿命长
- 3、耐热性、耐油性、耐磨性出色
- 4、防止产生静电，保持使用安全
- 5、运转中磨擦系数小，传动效果大
- 6、运转中噪音小

■ Characteristics:

- 1、The wrapper protects the inner layer structure durability
- 2、Special core rubber used small elongation and long service life
- 3、Excellent heat-resistance oil-proof and wear resistance
- 4、Prevent the aerleration of the static and keep safe use
- 5、Small friction coefficient and large transmission effect during operation
- 6、Less noise during operation

结构 Structure

编号 No.	名称 Name	功能 Function	材料 Material
1	外包布 Outside Fabric	保护内层抗拉体 Protect the lining tensile member	涤棉帆布 Polyester Cotton Canvas
2	抗张体 Tensile Member	传递动力的核心材料 Core material to pass the dynamic force	聚脂线 Polyester Wire
3	顶胶 Top Rubber	保持胶带的上端形状 Maintain the top shape of the adhesive tape	NR、CR、SBR
4	缓冲胶 Buffer Rubber	承受和保护抗张体的粘着力 Support and protect the adhesive force of the tensile member	NR、CR、SBR
5	底胶 Bottom Rubber	保持胶带的下端形状 Maintain the bottom shape of the adhesive tape	NR、CR、SBR



Wrapped V- Belt
包布V带 ←

WRAPPED V BELT 包布V带

包布V带 Wrapped v belt	型 号 Model	顶宽 Top width(mm)	厚度 thickness(mm)	长度换算 Length conversion
普通 Classical (Li in inches)	Z,O,M	10	6	Li=Ld-22
	A	13	8	Li=Ld-30
	AB	15	9	Li=Ld-35
	B	17	11	Li=Ld-43
	BC	20	12.5	Li=Ld-48
	C	22	14	Li=Ld-52
	CD	25	16	Li=Ld-61
	D	32	19	Li=Ld-75
	E	38	23	Li=Ld-82
	SPZ	9.7	8	Lp=Li+38
窄形 Wedge (Lp in mm)	SPA	12.7	10	Lp=Li+45
	SPB	16.3	13	Lp=Li+60
	SPC	22	18	Lp=Li+83
窄形 Narrow (La in 1/10 inches)	3V	9.7	8	La=Li+42
	5V	15.7	13.5	La=Li+71
	8V	25	23	La=Li+120

DOUBLE V-BELT 六角带/双面V带



V带 类型 Type of belt	型号 Model	顶宽 Top width(mm)	厚度 thickness(mm)	长度换算 Length conversion
双面 Double-side (Li/Le in inches)	AA	13	10	La=Li+63
	BB	17	13	La=Li+82
	CC	22	17	La=Li+107

特点：六角带具有双面传动的功效，广泛用于多轴传动。

Raw Edge V- Belt
切割V带

产品特点:

- 传递功率大，使用寿命长、传递效率高等优点，常用于汽车发动机的冷却风扇的动力传递。
- 1、强度大且挠曲性高，耐久性好。
 - 2、采用特殊底胶，伸长率小且寿命长。
 - 3、耐热性、耐油性、耐磨性出色。
 - 4、传动效率高。
 - 5、可以用于小径带轮。
 - 6、高速运转时也能保证安全的性能。

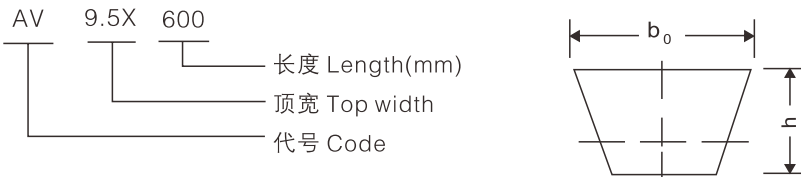
Characteristics:

- High power transmission capability,very long service life,high transmission efficiency,used in the transferring of auto engine cooling fan.
- 1、Large intensity, high flexibility, good durability
 - 2、Special bottom rubber used, small elongation and long service life
 - 3、Excellent heat-resistance, oil-proof, and wearing resistance
 - 4、High transmission efficiency
 - 5、Suitable for band pulley with minor diameter
 - 6、Safe performance can be guaranteed even during high-speed operation

Raw Edge V Belt 切割V带

切割齿带 Cogged v belt	型 号 Model	顶宽 Top width(mm)	厚度 thickness(mm)	长度换算 Length conversion
普通 Classical (Li in inches)	ZX	10	6	Li=La-38
	AX	13	8	Li=La-50
	BX	17	11	Li=La-69
	CX	22	14	Li=La-88
窄形 Wedge (Lp in mm)	XPZ	9.7	8	Lp=Li+38
	XPA	12.7	10	Lp=Li+45
	XPB	16.3	13	Lp=Li+60
	XPC	22	18	Lp=Li+83
窄形 Narrow (La in 1/10 inches)	3VX	9.7	8	La=Li+42
	5VX	15.7	13.5	La=Li+71
	8VX	25	23	La=Li+120

Type & Size Of Raw Edge V- Belts
V带型号与尺寸



Structure 结构			
编号 No.	名称 Name	功能 Function	材料 Material
1	顶布 Top Fabric	保护内层抗张体 Protect the lining tensile member	涤棉帆布 Polyester Cotton Canvas
2	芯线 Core Cord	传递动力的核心材料 Nuclear material to pass the dynamic force	聚酯 Polyester
3	底胶 Buffer Rubber	抗侧压力，保持截面形状 Side compression resistant and sections shape maintained	CR, EPDM
4	底布 Bottom Fabric	吸收冲击并防止芯胶龟裂 Absorb the impact and prevent crack of the core rubber	弹力布 Elastic Fabric

Section Size of Raw Edge V Belts for Automobile 切边汽车V带截面尺寸

型 号 Model	顶 宽 Top Width	高 度 Height			
		普通切边带 Raw Edge Belt	底胶夹布切边带 REL	有齿切边式 REC	楔角 Angle
AV-10/9.5	10.0	7.5	7.5	8.0	40
AV-13/12.5	13.0	8.5	8.5	9.0	40
AV-15	15.0	—	—	9.0	40
AV-17	17.0	9.5	9.5	11.0	40
AV-22	22.0	—	—	13.0	40

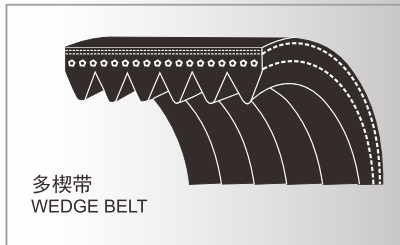
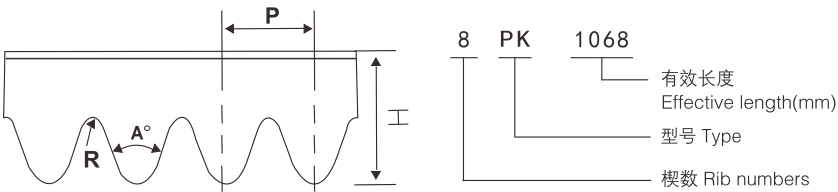
Ribbed Belt (Poly V - Belt)
多楔带

产品特点:

- 1、传动功率大，空间相同时比普通V带的传动功率约高30%
- 2、传动系统结构紧凑，在相同的传动功率情况下，传送装置所占空间比普通V带小25%。
- 3、带体薄，富有柔软性，适应带轮直径小的传动，也适应高速传动，带速可达40m/ s；振动小、发热少，运转平稳。
- 4、耐热、耐油、耐磨、使用伸长小，寿命长。

Characteristics:

- 1、Transmission power so high that at the same condition its 30% higher than common V belts.
- 2、With tight transmission system, at the same transmission power ,its occupiedspace is 25% smaller than common v belt
- 3、Flat and soft belt is suitable for not noly transmission of small pulley but also high-speed transmission with speed of 40/s;besides,its characteristics as slightVibration, few heat diverge and steady working.
- 4、Anti-heat,anti-oil,anti-wearing out few elongation and long life.



型号 Type	楔距 PIBSECTION P	带厚(近似值) THICKNESS (Approximation) H	楔高(近似值) RIB HEIGHT (Approximation) h	槽底(最大值) SLOT BOTTOM (MAX) R1	楔顶(最小值) RIB TOP (MIN) R2	楔角 ANGLE a°±0.5°
H	1.60	3.0	1.33	0.15	0.3	40
J	2.34	4.0	2.35	0.20	0.4	40
K	3.56	6.0	3.20	0.25	0.5	40
L	4.70	10.0	4.98	0.40	0.4	40
M	9.40	17.0	10.35	0.75	0.75	40



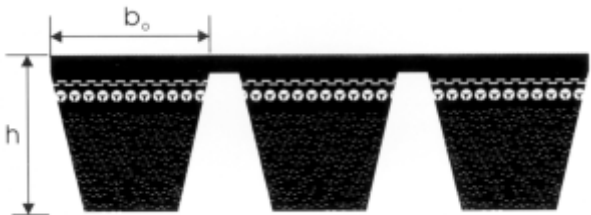
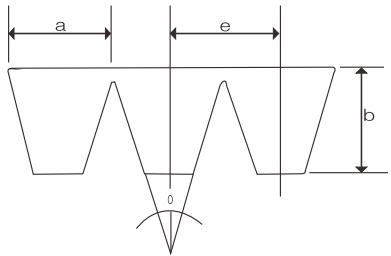
Banded Wrapped V- Belt
联组三角带

结构

- 1、连接条带
- 2、聚酯纤维张力构件
- 3、氯丁二烯绝缘橡胶
- 4、注入橡皮特别的布制帆面
- 5、氯丁二烯压缩橡胶

STRUCTURE

- 1、Connecting belt
- 2、Polyester fiber tension part
- 3、Chloroprene insulating rubber
- 4、Special fabric surface with rubber
- 5、Chloroprene compressed rubber



Ptofil/Sect	3VX/9JX	5VX/15JX
b ≈ (mm)	9.0	15.0
h ≈ (mm)	9.9	15.1

型 号 Model	节宽 Pitch Width(mm)	顶宽 Top width(mm)	厚度 thickness(mm)	长度换算 Length conversion
HA	11	13	9.9	Le=Li+32
HB	14	17	13	Le=Li+51
HC	19	22	16.2	Le=Li+68
HD	27	32	22.4	Le=Li+94
RSPZ	8.5	9.7	10.5	
RSPA	11	12.7	12.5	
RSPB	14	16.3	15.6	
RSPC	19	22	22.6	
3V/9J	8.5	9	9.9	Le=Li+38
5V/15J	14.3	15	15.1	Le=Li+71
8V/25J	23.7	25	25.5	Le=Li+125



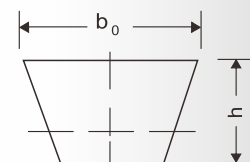
Variable Speed V- Belt 变速V带

产品特点:

- 1、屈挠性好。
- 2、传递效率高。
- 3、使用寿命长。

Characteristics:

- 1、High flexing capability;
- 2、Exact running performance;
- 3、Very long service life.



型号 Model	HG	HH	HI	HJ	HK	HL	HM	HN	HO
顶宽 Top Width	16.5	20.4	25.4	31.8	38.1	44.5	50.8	57.2	63.5
带高 Belt Height	8	10	12.7	15.1	17.5	19.8	22.2	23.9	25.4
角度 Angle	28	28	28	28	28	28	28	28	28

型号 Model	W16	W20	W25	W31.5	W40	W50	W63	W71	W80	W100
顶宽 Top Width	17	21	26	33	42	52	65	74	83	104
带高 Belt Height	6	7	8	10	13	16	20	23	26	32
角度 Angle	26	28	28	28	28	30	30	30	32	32

型号 Model	单位 Unit	1422V	1922V	2322V	1926V	2926V	3226V	2530V	3230V	4430V	4036V	4436V	4836V
顶宽 Top Width	mm	22	30	37	30	46	51	40	51	70	64	70	76
带高 Belt Height	mm	8	10	11	11	13	13	15	16	18	18	18	19
角度 Angle	α	22	22	22	26	26	26	30	30	30	36	36	36

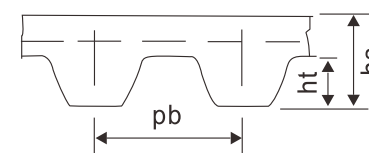
Automotive Timing Belt 汽车同步带

产品特点:

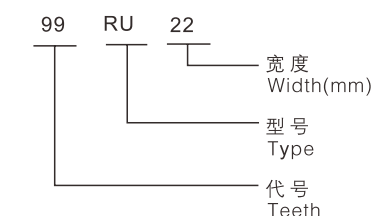
- 1、具有优良的耐屈挠性能、伸长率小、强力高。
- 2、耐油、耐热、耐老化、耐臭氧、抗龟裂等优良性能。

Characteristics:

- 1、Perfect anti flexibility, little pretensioning required, high mightiness;
- 2、Anti-oil, anti-heat, anti-aging,anti-ozone,chap-proof.



规格型号标记
Example of mark



型号 Type	节距 Pb	带高 Hs	齿高 Ht	节根距 Hs	齿根圆角半径 Rr	齿顶圆角半径 Ra	齿根厚 S
ZA	9.525	4.1	1.91	0.686	0.51	0.51	4.65
ZB	9.525	4.5	2.29	0.686	1.02	1.02	6.12
MY	8.000	5.21	3.06		0.63	2.20	
MR	9.525	5.69	3.54		0.76	2.52	
ZD	9.525	5.5	3.50	0.686	0.76	2.46	
YF	8.000	5.2	3.04	0.686	0.64	2.11	
ZBS	9.525	5.1	2.80	0.686	1.02	3.60	6.12
YU	8	5.2	3.109		0.30	2.078	5.20
RU	9.525	5.7	3.56	0.686	1.02	1.02	4.50
FS8M	8	5.3	3.05	0.686	0.64	2.11	5.20
ZR	9.525	5.4	3.2				
ZAS	9.525	4.62	2.32	0.686	0.51	0.51	4.65
RHD	9.525	5.7	3.5				
RHX	9.525	4.8	2.617				
RPP	9.525	4.5	2.25				
ZH	9.525	5.5	3.4				

注：本公司可生产各种规格型号及材料(CR、H-NBR) 汽车同步带。齿数范围56~180。

Note: Our company can produce various specification model and the material(CR、H-NBR) auto timing belts.
The tooth NO. scope is 56-180.

Long Life-span And Energy Saving Idlers 长寿命、节能型托辊

严格按日本NC公司的工艺技术要求进行托辊的选材与加工。确保使用寿命大于50000小时，旋转阻力系数小于0.010以下。产品已应用于输送机带速最高的国投曹妃甸港煤码头、京塘港煤码头等国家重点工程中。

In order to insure the life-span of more than 50000 hours and the rotation resistance factor of less than 0.010, idler's machining and material selection will be put in practice strictly in accordance with the technical requirements of NC Company. Our products have been used in many national important project such as Cao-Fei-Dian Coal Terminal Project and Jing-Tang Port Coal Terminal Project etc.



Major Products 主要产品



NC标准托辊
NC Standard Rollers



缓冲托辊
Impact Rollers



包胶托辊
Rubber-coating Rollers



梳形清扫托辊
Comtype Cleaning Rollers



螺旋清扫托辊
Spiral Cleaning Rollers



橡胶螺旋托辊
RubberSPIRAL Roller



锥形托辊
Cone Centre-adjusting Roller



不锈钢托辊
Stainless Steel Roller



尼龙座托辊
Nylon Housing Roller



槽形托辊组
Trough Idlers



吊挂式槽形托辊组
Spending Trough Idlers



锥形上调心托辊组
Carrier Cone Centre-adjusting Idlers



锥形下调心托辊组
Return Cone Centre-adjusting Idlers

卷在木轴或钢轴的输送带和由聚丙烯包装而成的输送带应谨防以下几点：
Belts are rolled on wood or steel drums and wrapped with polypropylene.
Beware of the following points:



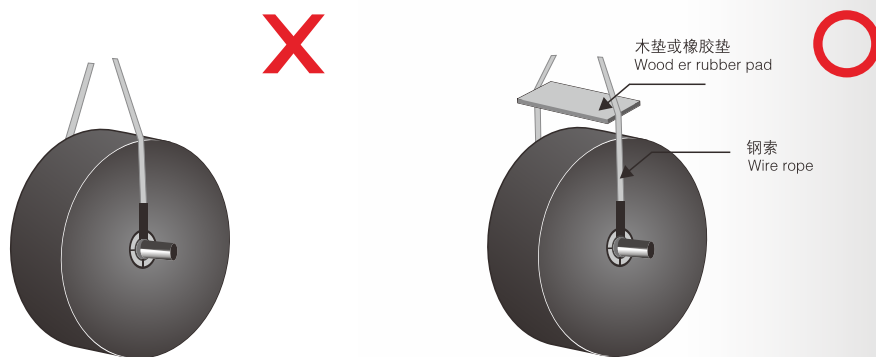
搬运输送带时的注意事项： Points to Note in Handing Conveyor Belt

警告

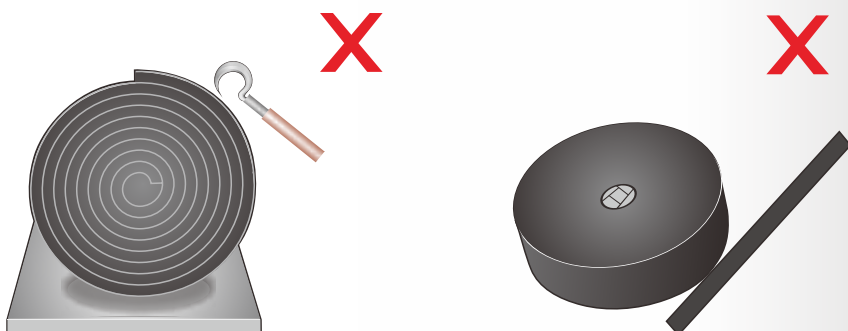
- 成卷的输送带应被固定在叉车上。应特别小心叉车的前叉，以免损及输送带。
- 不要滚动输送带。以免伤及在场人员。
- 起重机吊起输送带时，确保不被插入的轴条所损伤。

Caution

- The belt rolls should be fixed on the cargo bed of a truck. Pay special care not to damage them with the forks of lift trucks.
- Do not roll them. It may hurt people in the area.
- Ensure the belt is not damaged by inserting a shaft in the roll holes as shown in the figure when you lift them by a crane.



- 不要用钩子或杠杆移动
- Do not use a hook or lever



储存输送带的技巧 Tips for Storing Conveyor Belt



保管备用输送带或使用带时,注意以下几个方面来阻止老化或伤害长期存储。
When keeping stand-by belts or used beltes, pay attention to the following points to prevent ageing or damage from prolonged storage.

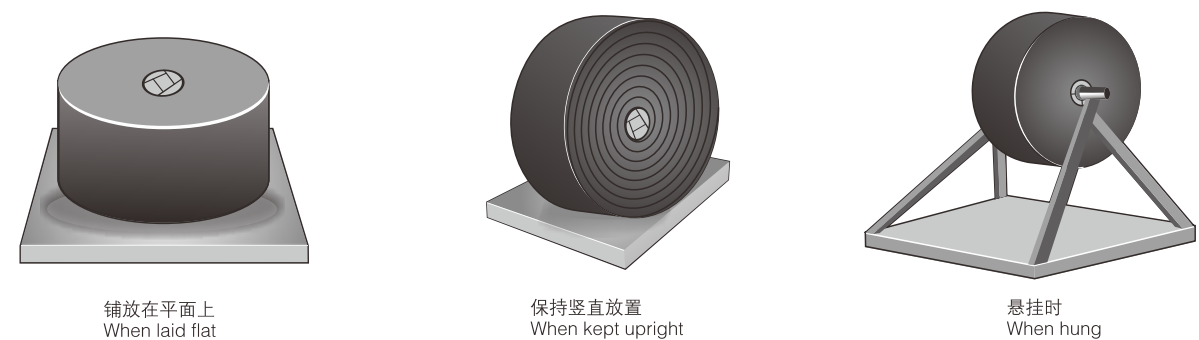
警告

- 输送带应避开阳光直射
- 输送带应远离风、雨、或者潮湿的地方
- 保持地方干燥
- 远离有害的物体,如火、石油、化工或有机气体。
- 用固定带卷来防止输送带滚动。

Caution

- Keep the belts away from direct sunlight
- Keep the belts away from wind,rain,or moisture
- Keep them in a dry,cool place.
- Keep them away from harmful objects like fire,oil,chemical or organic gas.
- Fix belt rolls to prevent them from rolling.

正确的储存方法 Acceptable storage conditions



错误的存储方法 Inadequate storage conditions

