



Weihai Ronghua Rubber Fabric Co.,Ltd.

Catalog

WEIHAI RONGHUA RUBBER FABRIC Co., Ltd. is located in the most eastern part of Jiaodong Peninsula with beautiful scenery and pleasant climate. It is the largest place in mainland China from South Korea.

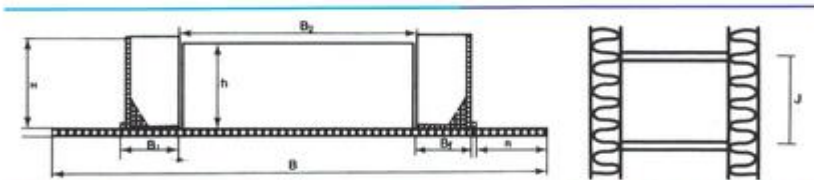
WEIHAI RONGHUA RUBBER FABRIC Co., Ltd. is a professional international company engaged in the development, research, design, manufacture and operation of rubber conveyor belt products. With reference to international advanced technical standards, various common conveyor belts (CC), nylon (NN) conveyor belts, polyester (EP) conveyor belts, core rope conveyor belts, corrugated rib conveyor belts, and tubulars have been developed and produced. Pattern conveyor belts, bucket conveyor belts, steel cable conveyor belts, special tapes, rubber sheets and rubber shaped parts. Widely used in domestic and international metallurgy, coal mines, docks, electric power, building materials, agriculture, chemical and other industries, selling well throughout the world.

WEIHAI RONGHUA RUBBER FABRIC Co., Ltd has first-class production, testing equipment, perfect quality assurance system, has passed ISO9001: 2000 International quality management system certification, the company provides customers with quality products, we also wholeheartedly provide customers with more satisfactory services, from the introduction of products to customers to product selection, production, joints, after-sales service, etc., the product implements "three guarantees". We will be responsible for the quality of the product; Create value for customers, and sincerely serve customers, is our constant pursuit.





1. Corrugated Sidewall Conveyor Belt

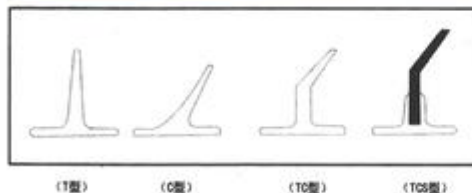


B	H	h	B ₁	R	B	H	h	B ₁	R
300	40	35	30	0-40	1000	160	150	75	60-120
	60	55	40			200	180	75	
	80	75	50			240	220	75	
400	60	55	40	0-60	1200	200	180	75	80-140
	80	75	50			240	220	75	
500	80	75	50	0-70	1600	240	220	75	120-200
	120	110	50			300	280	105	
	160	150	75			400	360	105	
650	80	75	50	0-80	1800	240	220	75	140-220
	120	110	50			300	280	105	
	160	150	75			400	360	105	
800	120	110	50	40-90	2000	300	280	105	150-240
	160	150	75			400	360	105	
	200	180	75			500	460	120	
	240	220	75			630	570	120	
	300	280	105						

B基带宽度 B₁波形挡边底宽 B₂隔板有效宽度 R压辊支撑边宽度 H波形挡边高度 J隔板间距 H隔板高度 B_f波幅宽

B base band width of B₁ wave side bottom width B₂ partition R effective width roller supporting edge width of H wave of rib height of J baffle spacing H baffle height B_f wave width

结构与规格 The structure and specifications



波形挡边带由横向刚性专用基带、挡边、隔板组成。目前采用国内最先进的二次硫化工艺，确保了基带与挡边、隔板间的附着力，更使其具备了耐曲绕性高、拉伸强度高、耐磨性好等优点。还可根据使用情况，特制基带增铺钢丝网，提高基带横向刚性，从而保证使用。

Wavy edge guard belt consists of a horizontal rigid baseband, baffle, baffle. At present, the two vulcanization technology the most advanced, to ensure that the baseband and baffle, baffle adhesion, but also to possess advantages of high flexibility, high tensile strength, good resistance to high. Also can be according to the use of special steel wire net, baseband additional paving, improve the baseband lateral stiffness, so as to ensure that the use of.

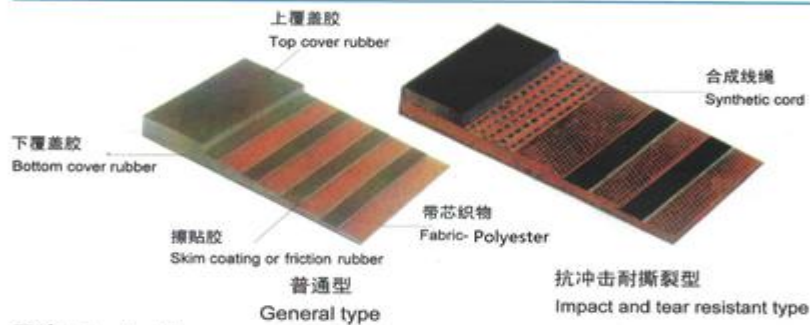


2. EP, NN Fabric Core Conveyor Belt



EP 聚酯织物芯输送带 Polyester fabric core conveyor belt

剖面结构 Section structure



用途 Application:

从小负载到大负载，轻化工、粮食加工、土木、道路工程、冶金、建材、港口、码头各行业带式输送机系统。

From the load to the large load, light industry, food processing, civil engineering, road engineering, metallurgy, building materials, port, dock industry belt conveyor system.

品种 Varieties:

普通型 General type 抗冲击耐撕裂型 Impact and tear resistant type

耐寒型 Cold resistant type

特征 Features:

强度高是维纶的两倍，棉的六倍；
重量轻、安装方便、节省动力；
弹性好、耐冲击、抗撕裂；
厚度小，可减少带轮直径；
成槽性好，可增加运输量；
抗腐蚀性强，不受细菌与微生物的侵蚀；
强度规格尺寸多，可供选择范围广。

High strength is two times of vinylon fiber, cotton six times;
Light weight, easy installation, saving power;
Good flexibility, impact resistance, anti tear;
Small thickness, can reduce the diameter of the belt wheel;
Into a good groove, can increase transport volume;
Strong corrosion resistance, is not affected by the erosion of germs and microbes;
Strength size, choice range.

胶带型号规格表示方法 Said method tape specifications

800	D	1000	3/1.5	(EP4)	织物种类、层数	Fabric types, layers
					上、下盖胶厚度	Upper, lower cover rubber thickness
					带宽 (mm)	The bandwidth (mm)
					盖胶性能代号	Cover the glue performance code
					胶带强度	The strength of the adhesive tape



3. Heat Resistant Conveyor Belt



Top quality rubber conveyor belt



耐热输送带 Heat resistant conveyor belt

用途：适用于物料温度或环境温度超过60℃的场合，如烧结厂、焦化厂、水泥厂、化工厂、铸造厂等。

Application: suitable for the temperature of the material or the environment temperature is over 60℃ occasions, such as sintering plant, coking plant, cement plant, chemical plant, foundry etc.

骨架Carcass: 棉 (CC)、涤棉 (TC)、涤纶 (EP)、尼龙66 (NN66)、钢丝绳 (Steel Cord)

拉伸强度Tensile Strength: 200-2000N/mm
带宽Belt Width: 500-1800mm



类型	代号	胶带可使用表面温度	胶带可使用物料温度		特点	用途
			常用	偶然物高峰值		
一般耐热	T1	60-100℃	70-150℃	170℃	硬化型，有龟裂现象，不宜使用温度超过70℃的粉料。	需要耐磨的输送线，如焦炭、烧结成品、弹丸、干石灰等。
中等耐热	T2	60-125℃	70-170℃	200℃	非硬化型、中等耐磨。	一般耐磨，可输送烧结成品及反矿、水泥熟料等粘度较小的物料
高耐热	T3	60-150℃	70-200℃	300℃		

各项性能符合HG2297-92

耐热输送带的选用 Selection of heat resistant conveyor belt

- (1) 选择最合适的带子不仅取决于热应变，也决定于化学的机械的应力；
- (2) 所输送物料的温度与带子的表面温度根据物料的组成、性质、表面结构形状及粒度的变化而变化，如当大块物料温度为150℃（焦炭或烧结矿石）且与带子接触面积比较小时，胶带表面温度可保持在60-80℃；可是当输送水泥粉料时，物料温度与带表面温度的相差就很少；
- (3) 耐热带的寿命受胶带表面温度的影响相当厉害，并影响到盖胶掉块、带芯脱层，因此，当选择胶带时，考虑胶带表面温度极为重要，还有环境温度，带子返回时能否充分冷却；带速与中心距离都是值得注意的；
- (4) 较厚的盖胶是保证带子有较长寿命的重要条件，我们建议织物芯耐热带的盖胶厚度：上盖4.5-8mm，下盖2-4mm。



Heat Resistant Conveyor Belt

- (1) select the most appropriate belt depends not only on the thermal strain, stress is determined by the chemical machinery;
- (2) surface temperature and tape conveying material varies according to changes in the composition, properties, surface structure, shape and size of material, such as a bulk material temperature is 150 °C (coke or sintered ore belt) and contact area is small, the tape surface temperature can be maintained at 60-80 °C; but when the conveyor cement powder, material temperature and surface temperature have little difference;
- (3) resistant to tropical life affected by the tape surface temperature considerably, and affect the cover off block with core, delamination, therefore, when choosing the tape, consider the tape surface temperature is extremely important, and the ambient temperature, the tape back can fully cooling; distance belt speed and center are worthy of attention the;
- (4) cover gum thicker is an important condition to ensure a long life of the belt cover glue thickness, we recommend the fabric core resistance: 4.5-8mm tropical upper cover, the lower cover 2-4mm.

使用要点： Use points:

- (1) 对整条带的表面温度要连续地、不间断地进行测量、记录和监控，一定要避免不必要的温度升高；
 - (2) 要对物料和胶带进行强制性的冷却（最好在全长上用水冷却）；
 - (3) 保持所输送的物料按带宽均匀分布，不过分集中；
 - (4) 防止油的存在（冷却水中的微量油）对带的破坏超过热本身；
 - (5) 装有热物料的带子，一旦停止运转，应采取措施将热物料卸下。
- (1) on the strip surface temperature to be continuous, uninterrupted measurement, recording and monitoring, to avoid unnecessary temperature;
 - (2) should be mandatory for material and adhesive tape (the best cooling water cooling in length);
 - (3) maintain the conveying material evenly distributed according to bandwidth, not excessive concentration;
 - (4) to prevent the presence of oil (trace oil cooling water) with destruction of over heat itself;
 - (5) with heat the material belt, once stopped, measures should be taken to remove heat material.





4. Acid and Alkali Resistant Conveyor Belt



用途 Application:

It is applicable to transport corrosive materials such as acid or alkali with chemical plants, chemical fertilizer plants, paper mills, etc. the specific parameters of acid and alkali resistant conveyor belt are as follows:

Item	Unit	
Cover Rubber	Tensile Strength	MPa
	Elongation at break	%
	Abrasion	cm ³ /1.61km
	Acid resistance coefficient	30%H ₂ SO ₄ Normal degree 24 hours
Adhesion	Cover to ply	N/mm
	Ply to ply	N/mm

The belt	Tensile Strength/Mpa \geq	Elongation at break/% \geq	Abrasion/m ³	Hardness/(+10 ⁻⁵)
Before aging	14.0	400	250	60
After aging	12.0	340	—	65



5. Chevron Pattern Rubber Conveyor Belt



花纹输送带 Patterned conveyor belt

用途 Application:

适用于输送粒度在50mm以下的煤炭、碎石、砂砾、粮食谷物以及软袋包装件，倾角最大可达30°。

Suitable for conveying the coal particle size below 50mm, gravel, gravel, food grains and the soft package, dip angle up to 30 DEG C.

品种 Varieties:



人字型 (V) 型 Chevron pattern



圆坑型 Pit pattern



人字形花纹夹角角尖在中心线上能免使搬运的物料汇集到中央部分。

圆坑花纹摩擦系数大，运行中增加阻力，防止物料下滑。

Herringbone pattern in the central line tip angle corner can avoid that the handling of materials to the central part of the collection.

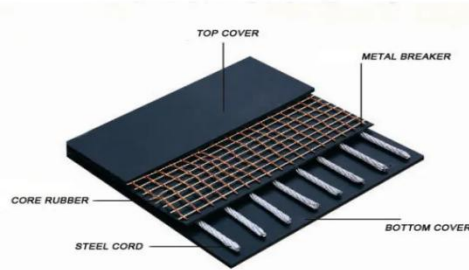
Round pit pattern friction coefficient, increase the resistance of the operation to prevent the material down.

规格系列 Standard series

类型	宽度mm	布层数	拉伸强度 N/mm	盖胶厚度mm		骨架材料
				上	下	
人字形	400	2-5	120-300	3.0-4.5	1.5	棉、涤棉 尼龙、涤棉
	500					
	800					
圆坑型	400	2-5	120-300	3.0	1.5	棉、涤棉 尼龙、涤棉
	500					
	600					



6. Steel Cord Conveyor Belt



钢丝绳芯输送带 Steel Cord Conveyor Belt

特点: 拉伸强度大, 抗冲击性好, 寿命长, 使用伸长率小, 成槽性好, 耐曲绕性好, 适用于长距离, 大运量、高速度物料输送。
用途: 可广泛用于煤炭、矿山、港口、冶金、电力、化工等领域物料输送。
品种: 按覆盖胶性能可分为: 普通型、阻燃型、耐寒型、耐磨型、耐热型、耐酸碱型等品种。按内部结构可分为: 普通结构型、横向增强型、预埋线圈防裂型。

Features: high tensile strength, good impact resistance, long service life, the use of small elongation, into a good groove, good flexure resistance, suitable for long distance, large capacity, high velocity material conveying.
Uses: can be widely used in coal mines, ports, materials, metallurgy, electric power, chemical industry transportation.
Varieties: according to cover the performance can be divided into: ordinary type, flame retardant, cold resistant, wear resistant, heat resistant, acid and alkali resistant type varieties. According to the internal structure can be divided into: general structure type, transverse reinforcement, pre buried coil crack type.



ST 系列钢丝绳芯输送带主要技术参数

ST series of main technical parameters of steel cord conveyor belt

技术参数 Technical parameter	规格 Specification	ST630	ST800	ST1000	ST1250	ST1600	ST2000	ST2500	ST3150	ST3300	ST4000	ST4500	ST5000	ST5400	ST6300	ST7000	ST7500	
额定拉伸强度 [N/mm] Rated tensile strength		630	800	1000	1250	1600	2000	2500	3150	3500	4000	4500	5000	5400	6300	7000	7500	
钢丝绳最大公称直径 [mm] Max. dia. maximum steel cord		3.0	3.5	4.0	4.5	5.0	6.0	7.5	8.1	8.6	8.9	9.7	10.9	11.3	12.3	13.5	15.0	
钢丝绳间距 [mm] Pitch		10	10	12	12	12	12	15	15	15	15	16	17	17	18	19	21	
上覆盖胶厚度 [mm] Top cover thickness		5	5	6	6	6	6	8	8	8	8	8	8	8.5	9	10	10	10
下覆盖胶厚度 [mm] Bottom cover thickness		5	5	6	6	6	6	6	8	8	8	8	8.5	9	10	10	10	10
按带参考质量 [Kg/m] Core reference quality		18	19.5	22.5	24	25.9	31.8	36.1	40.4	43.8	45	45.1	50.7	53.4	59.6	63.7	68.7	
宽度 [mm] Width		钢丝绳根数 Core number																
800	75	75	83	83	83	83	50	50										
1000	95	95	79	79	79	79	64	64	64	64	59	55	55	54	49	45		
1200	113	113	94	94	94	94	76	76	77	77	71	66	66	63	59	54		
1400	133	133	111	111	111	111	89	89	90	90	84	78	78	74	69	63		
1600	151	151	126	126	126	126	101	101	104	104	96	90	90	85	80	72		
1800		171	143	143	143	143	114	114	117	117	109	102	102		90	82		
2000			159	159	159	159	128	128	130	130	121	113	113	107	101	91		
2200							176	141	141	144	144	134	125	125	118	111	10	
2400							193	155	155	157	157	146	137	137	129	121	109	
2600							209	168	168	170	159	149	149	149	140	131	119	
2800							230	184	184	184	184	171	161	161	151	142	129	
3000							247	198	198	198	198	185	174	174	148	152	138	
3200							264	211	211	211	211	198	186	186	158	162	147	

★ 胶带质量根据覆盖胶厚度、密度变化 说明: 输送带单卷长度100-300m, 受厚度、宽度、运输、安装等条件限制, 每卷长度由供需双方确定。

★ belt quality according to cover thickness, density change description: belt single volume 100-300m length, thickness, width restriction, transportation, installation and other conditions, the length of each volume is determined by the supply and demand sides.