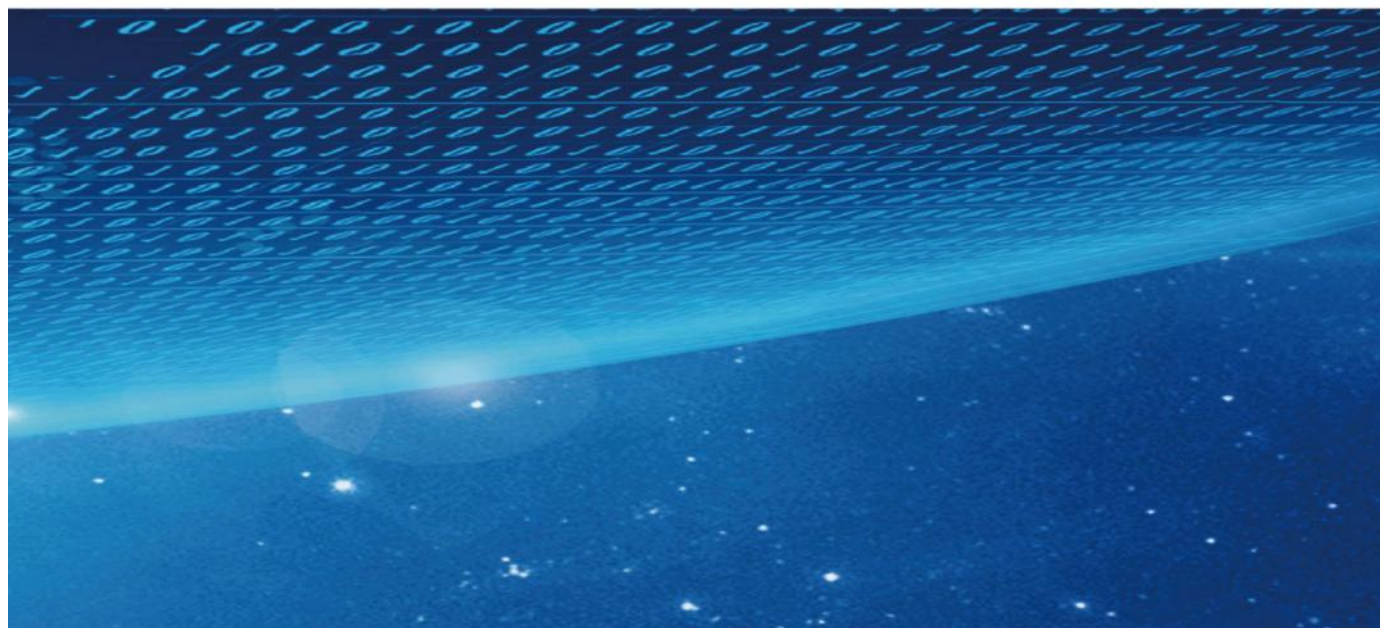




# 荣华胶带



威海荣华胶带股份有限公司

Weihai Rong Hua Conveyor Belt Co., Ltd

# 拥抱梦想 扬帆起航

Embrace your dreams and set sail

让梦想指明人生的方向

让跳动的旋律吹起扬帆的号角

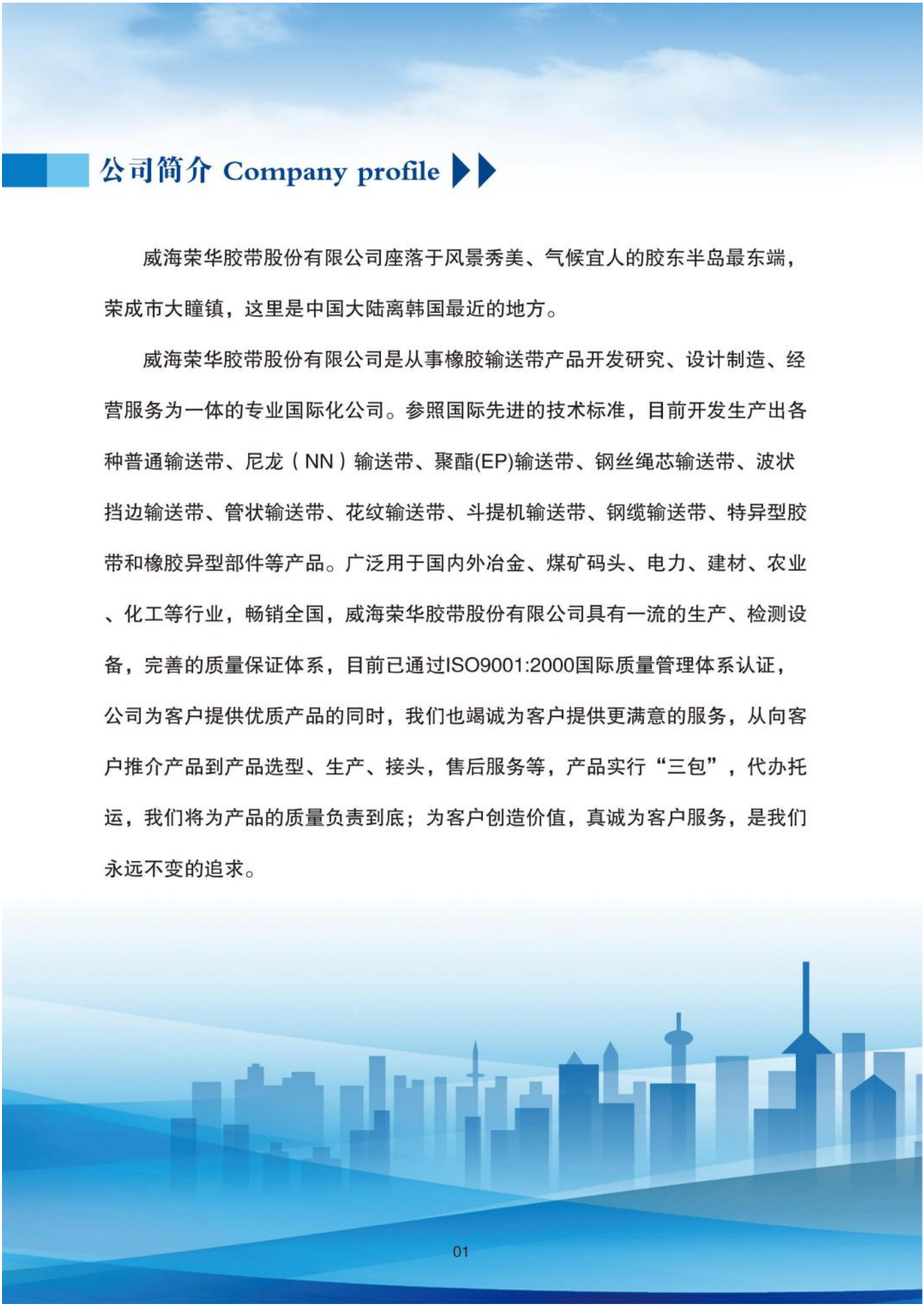
Let dreams point the way in life

Let the beating melody blow the horn of sail



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## 公司简介 Company profile

威海荣华胶带股份有限公司座落于风景秀美、气候宜人的胶东半岛最东端，荣成市大疃镇，这里是中国大陆离韩国最近的地方。

威海荣华胶带股份有限公司是从事橡胶输送带产品开发研究、设计制造、经营服务为一体的专业国际化公司。参照国际先进的技术标准，目前开发生产出各种普通输送带、尼龙（NN）输送带、聚酯(EP)输送带、钢丝绳芯输送带、波状挡边输送带、管状输送带、花纹输送带、斗提机输送带、钢缆输送带、特异型胶带和橡胶异型部件等产品。广泛用于国内外冶金、煤矿码头、电力、建材、农业、化工等行业，畅销全国，威海荣华胶带股份有限公司具有一流的生产、检测设备，完善的质量保证体系，目前已通过ISO9001:2000国际质量管理体系认证，公司为客户提供优质产品的同时，我们也竭诚为客户提供更满意的服务，从向客户推介产品到产品选型、生产、接头，售后服务等，产品实行“三包”，代办托运，我们将为产品的质量负责到底；为客户创造价值，真诚为客户服务，是我们永远不变的追求。

## ◀◀ 公司简介 Company profile ▶▶

Weihai ronghua rubber fabric Co.,Ltd is located in the beautiful scenery, pleasant climate of the eastern tip of Jiaodong Peninsula, Tuan Town, Rongcheng City. here is Chinese, the nearest place to Korean.

Weihai ronghua rubber fabric Co.,Ltd. is engaged in research, product development of rubber conveyor belt design and manufacture, management and service as one of professional international Ltd.. Reference to international advanced technical standard, has been developed and produced a variety of common conveyor belt (CC). nylon (NN). polyester (EP) conveyor belt conveyor belt, steel wire rope core conveyor belt, corrugated sidewall conveyor belt, tubular conveyor belt. conveyor belt pattern, bucket elevator belt, steel cable conveyor belt, specific type of adhesive tape, rubber and rubber products such as special parts. Widely used in metallurgy, mine, dock at home and abroad, electric power, building materials agriculture, chemical industry, selling the country, Rongcheng ronghua rubber Limited company has the first-class production, testing equipment, perfect quality assurance system, has passed ISO9001:2000 international management system certification, the company provides the high quality product for the customer at the same time, we also sincerely to provide customers more satisfied with the service. from the promotion of products to the customer to product selection, production joint, after sale service, the product of "Three Guarantees", consignment agent, we will provide quality products is responsible for, to create value for customers, in good faith to customer service, is our eternal pursuit.

## 企业资质 Qualification





## 领先

领先观念的科技 领先市场的产品 领先技术的品牌

领先是一个**方向**

洞悉时代潮流，把握发展的机遇

领先是一种**使命**

自觉担当中国制造业自主品牌崛起的先锋

领先是一种**能力**

愿用实际行动，提升中国制造业在国际上的位置



加张力四辊压延机 With a tension of four-roll calender



钢丝绳输送带生产线 Wire rope conveyor belt production line



具有国内先进水平、生产宽2000mm挡边高500mm波状挡边带生产线  
With the domestic advanced level, the production of wide ribs 2000mm high 500mm corrugated sidewall belt production line



引进国外领先技术的2600mmx10000mm钢丝绳生产线  
The introduction of foreign advanced technology 2600mmx10000mm wire rope production line

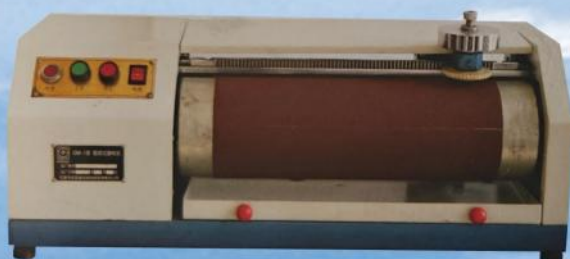
## 检测设备 Testing equipment



输送带反弹力测试系统  
Conveyor belt rebound force test system



橡胶气密性渗透测试仪  
Rubber air tightness permeability tester



辊筒式磨耗机 Roller type abrasion machine



恒温干燥箱 Constant temperature drying box

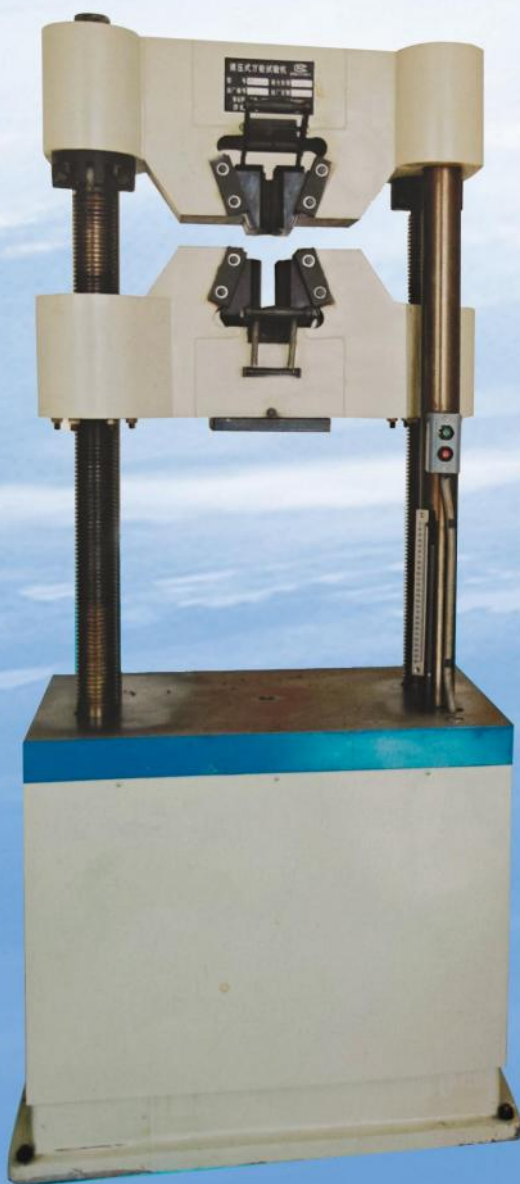


老化试验箱 Aging chamber



熔点仪 Melting point instrument

建有质量文化的质量体系  
创造有美丽有灵魂的产品



液压式万能试验机  
Hydraulic universal testing machine



电力拉力试验机  
Electronic tensile testing machine

## 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, 耐曲挠性好, 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、耐硫酸型等品种。按内部结构可分为: 普通结构型、横向增强型、预埋线圈防撕裂型。

**Advantage:** Strong tensile strength, long-life, low elongation, easy to trough, anti-bent, suitable for long distance, heavy load and high-speed conveying materials.

**Use:** Conveying materials in coal, mine, harbour, metallurgy, power station, chemical etc. field.

**Type:** (1) Conventional, Fire-resistant, Cold-resistant, Abrasion-resistant, Heat-resistant, Acid/alkali-resistant etc. (Refer to rubber cover)

(2) General structure, Cross rigid structure, Anti-tearing iron ring structure.



### ST 系列钢丝绳芯输送带主要技术参数

#### Technical Data for ST Steel Cord Conveyor Belt

| 规格<br>Specification                          | ST630             | ST800 | ST1000 | ST1250 | ST1600 | ST2000 | ST2500 | ST3150 | ST3500 | ST4000 | ST4500 | ST5000 | ST5400 | ST6300 | ST7000 | ST7500 |
|----------------------------------------------|-------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 技术数据<br>Technical Data                       |                   |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 纵向拉伸强度 (N/mm)<br>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)<br>Max Diameter of 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)<br>Pitch of Cord                  | 10                | 10    | 12     | 12     | 12     | 12     | 15     | 15     | 15     | 15     | 16     | 17     | 17     | 18     | 19     | 21     |
| 上覆盖层厚度 (mm)<br>Top Rubber Cover Thickness    | 5                 | 5     | 6      | 6      | 6      | 8      | 8      | 8      | 8      | 8      | 8      | 8.5    | 9      | 10     | 10     | 10     |
| 下覆盖层厚度 (mm)<br>Bottom Rubber Cover Thickness | 5                 | 5     | 6      | 6      | 6      | 6      | 6      | 8      | 8      | 8      | 8      | 8.5    | 9      | 10     | 10     | 10     |
| 胶带参考质量 (kg/m²)<br>Reference Weight           | 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)<br>Width                             | 钢丝绳根数 Cord Number |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 800                                          | 75                | 75    | 63     | 63     | 63     | 63     | 50     | 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    | 96     | 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    | 170    | 159    | 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。

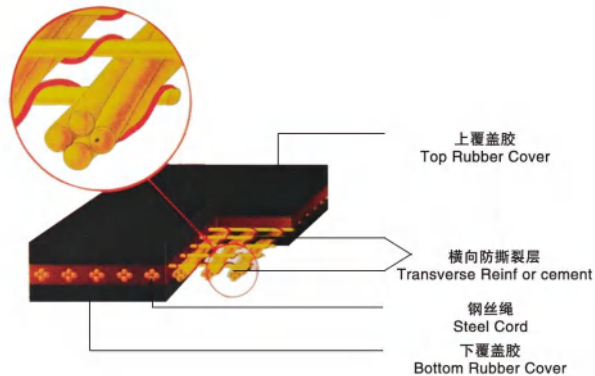
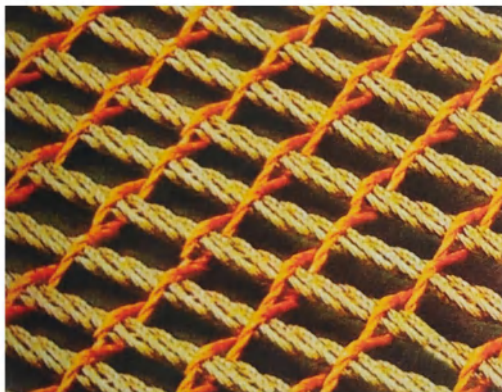
★ Belt weight varies from different rubber cover thickness and density.

Note: 100m~300m Per Roll

Belt beyonds the above specification can also be made as required

## 钢丝绳芯输送带

### Steel Cord Conveyor Belt



#### DIN22131 钢丝绳芯输送带主要技术参数

#### Technical Data for Steel Cord Conveyor Belt According to DIN22131

| 规格<br>Specification                              |                       | ST1000               | ST1250 | ST1600 | ST2000 | ST2500 | ST3150 | ST3500 | ST4000 | ST4500 | ST5000 | ST5400 |
|--------------------------------------------------|-----------------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 技术参数<br>Technical Data                           |                       |                      |        |        |        |        |        |        |        |        |        |        |
| 最低拉伸强度(N/mm)<br>Minimum breaking load            |                       | 1000                 | 1250   | 1600   | 2000   | 2500   | 3150   | 3500   | 4000   | 4500   | 5000   | 5400   |
| 钢丝绳最大公称直径(mm)<br>Max diameter of cord            |                       | 4.1                  | 4.9    | 5.6    | 5.6    | 7.2    | 8.1    | 8.6    | 8.9    | 9.7    | 10.9   | 11.3   |
| 绳距 (mm)<br>Pitch of Cord (Tolerance: $\pm 1.5$ ) |                       | 12                   | 14     | 15     | 12     | 15     | 15     | 15     | 15     | 16     | 17     | 17     |
| 覆盖胶厚度(mm)<br>Thickness of cover ( Minimum )      |                       | 4                    | 4      | 4      | 4      | 5      | 5.5    | 6.5    | 7      | 7.5    | 8      | 9      |
| 宽度(With)                                         |                       | 钢丝绳根数<br>Cord Number |        |        |        |        |        |        |        |        |        |        |
| 宽度规格(mm)<br>Width                                | 极限偏差(mm)<br>Tolerance |                      |        |        |        |        |        |        |        |        |        |        |
| 500                                              | $\pm 5$               | 39                   | 34     | —      | —      | —      | —      | —      | —      | —      | —      | —      |
| 650                                              | $\pm 7$               | 51                   | 44     | —      | —      | —      | —      | —      | —      | —      | —      | —      |
| 800                                              | $\pm 8$               | 64                   | 55     | 50     | 64     | —      | —      | —      | —      | —      | —      | —      |
| 1000                                             | $\pm 10$              | 81                   | 69     | 64     | 81     | 64     | 64     | 64     | 64     | 59     | 55     | 55     |
| 1200                                             | $\pm 10$              | 97                   | 84     | 77     | 97     | 77     | 77     | 77     | 77     | 71     | 66     | 66     |
| 1400                                             | $\pm 12$              | 114                  | 98     | 90     | 114    | 90     | 90     | 90     | 90     | 84     | 78     | 78     |
| 1600                                             | $\pm 12$              | 131                  | 112    | 104    | 131    | 104    | 104    | 104    | 104    | 96     | 90     | 90     |
| 1800                                             | $\pm 14$              | 147                  | 127    | 117    | 147    | 117    | 117    | 117    | 117    | 109    | 102    | 102    |
| 2000                                             | $\pm 14$              | 164                  | 141    | 130    | 164    | 130    | 130    | 130    | 130    | 121    | 113    | 113    |
| 2200                                             | $\pm 15$              | 181                  | 155    | 144    | 181    | 144    | 144    | 144    | 144    | 134    | 125    | 125    |
| 2400                                             | $\pm 15$              | 197                  | 169    | 157    | 197    | 157    | 157    | 157    | 157    | 146    | 137    | 137    |
| 2600                                             | $\pm 15$              | 214                  | 184    | 170    | 214    | 170    | 170    | 170    | 170    | 159    | 149    | 149    |
| 2800                                             | $\pm 15$              | 231                  | 198    | 170    | 214    | 170    | 170    | 170    | 170    | 159    | 149    | 149    |
| 3000                                             | $\pm 15$              | 247                  | 212    | 197    | 247    | 197    | 197    | 197    | 197    | 184    | 172    | 172    |
| 3200                                             | $\pm 15$              | 264                  | 227    | 210    | 264    | 210    | 210    | 210    | 210    | 196    | 184    | 184    |

## 钢丝绳芯输送带

### Steel Cord Conveyor Belt



#### 钢丝绳芯输送带的执行标准及主要指标

#### Technical Data of Steel Cord Conveyor Belt

| 品种<br>Type                             | 标准及主要指标<br>Standard and Main Technical Data                                                                                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 普通型<br>Conventional                    | GB/T9770 DIN22131 JIS6369                                                                                                                                                                               |
| 阻燃型<br>Fire Resistant                  | MT668 HG2539 DIN22131                                                                                                                                                                                   |
| 一般难燃型<br>Conventional Flame Retardant  | HG2539 II型 DIN22103 DIN22131                                                                                                                                                                            |
| 耐燃型<br>Heat Resistant                  | HG/T2297 ISO4195                                                                                                                                                                                        |
| 耐磨型<br>Abrasion Resistant              | 邵伯尔磨耗量 $\leq 90\text{mm}^3$ DIN22131(W)<br>Shore Abrasion $\leq 90\text{mm}^3$                                                                                                                          |
| 耐热磨型<br>Heat Abrasion Resistant        | 耐 $125^\circ\text{C}$ 以下, 邵伯尔磨耗量 $\leq 150\text{mm}^3$<br>Resistant $\leq 125^\circ\text{C}$ , Shore Abrasion $\leq 150\text{mm}^3$                                                                     |
| 耐酸、碱、油型<br>Acid, Alkali, Oil Resistant | HG4-846 HG/T3714 RMA(MOR OR)                                                                                                                                                                            |
| 耐寒型<br>Cold Resistant                  | 脆性温度 $-20^\circ\text{C}$ $-50^\circ\text{C}$ HG/T3647<br>Fragility Temperature $-50^\circ\text{C}$                                                                                                      |
| 耐臭氧型<br>Ozone Resistant                | 臭氧浓度 $50 \times 10^{-6} \text{ m}^3/\text{m}^3$ $40^\circ\text{C}/72\text{h}$ 不龟裂<br>RMA (ASTM D1171)<br>Ozone Density $50 \times 10^{-6} \text{ m}^3/\text{m}^3$ $40^\circ\text{C}/72\text{h}$ No Chap |

#### 建议钢丝绳芯输送带的使用输送机最小滚筒直径(Min.Pulley Diameter)

| 规格 Type                                             | ST630 | ST800 | ST1000 | ST1250 | ST1600 | ST2000 | ST2500 | ST3150 | ST3500 | ST4000 | ST4500 | ST5000 | ST5400 | ST6300 | ST7000 | ST7500 |
|-----------------------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 最小滚筒直径<br>$\Phi(\text{mm})$ Min. Pulley<br>Diameter | 800   |       |        |        | 1000   |        |        |        | 1250   | 1400   | 1600   | 1800   | 2000   |        |        |        |

★ST.系列执行 GB/T 9770标准

★ST series are produced by GB/T9770 standard

## 钢丝绳牵引输送带

### Steel Cord Conveyor Belt

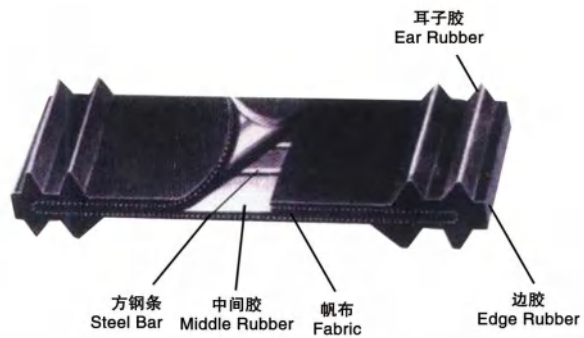
**用途:** 广泛应用于煤炭、矿山等领域输送物料。

**结构:** 沿胶带横向铺设方钢条，其间以橡胶填充，以贴胶的帆布包覆成为带芯并覆盖上、下覆盖胶，两边为耳槽。

**特点:** 靠钢丝绳牵引运行，带体只承载物料，不承受拉伸力，带体刚度大，不拉长，抗冲击，耐磨损，适用于长距离、高载量条件下输送物料。

**Application:** Widely used in coal industry and mines etc,for conveying materials.

**Construction:** Lay our transversely steel bars along the belt.Fill rubber compound into each place between bars.Then reinforcement on the top and bottom of the bars,coveredwith a layer of rubber compound.



**Feature:** The belt runs by means of the traction of steel cable.Belt itself only supports conveying materials.not bear pulling strength.Belt rigidity is big with little rlongation.Belt is of impact resistant and antiabrasion.It is suirable for conveying materials under a long distanceand heavy load.

### 钢丝绳牵引输送带规格系列

#### Specifiation of Steel Cable Conveyor Belt

| 输送带规格<br>Belt Size | 方钢条规格(mm)<br>Size of Steel Bar(mm) | 钢丝绳直径(mm)<br>Dia.of Steel Cord(mm) | 钢条间距 ( mm )<br>Pitch of Steel Bars ( mm ) | 备注<br>Remark      |
|--------------------|------------------------------------|------------------------------------|-------------------------------------------|-------------------|
| 864x2Px(4.5+5+2.5) | 5x5x840                            | 28.0                               | 35、45、55、65                               | 上下耳胶对称            |
| 926x2Px(3+5+2)     | 5x5x880                            | 30.0                               | 50                                        | 上下耳胶对称            |
| 1055x2Px(3+5+2)    | 5x5x1034                           | 28.5                               | 35、45、55                                  | 上下耳胶对称            |
| 1070x2Px(3+5+1.5)  | 5x5x1034                           | 40.0                               | 35、45、55                                  | 上下耳胶不对称           |
| 1070x2Px(3+5+1.5)  | 5x5x1034                           | 40.0                               | 35、45、55                                  | 上下耳胶对称            |
| 1070x2Px(3+5+1.8)  | 5x5x1034                           | 40.0                               | 35、45、55                                  | 上下耳胶不对称           |
| 1070x2Px(3+5+2)    | 5x5x1034                           | 28.5                               | 35、45、55                                  | 上下耳胶不对称           |
| 1070x2Px(3+5+2)    | 5x5x1034                           | 28.5                               | 35、45、55                                  | 上下耳胶对称，两边出60mm扶手边 |
| 1090x2Px(5+5+5)    | 5x5x1055                           | 40.5                               | 35、45、55                                  | 上下耳胶对称            |
| 1126x2Px(3+5+2)    | 5x5x1080                           | 40.0                               | 35、45、55                                  | 上下耳胶不对称           |
| 1126x2Px(3+5+3)    | 5x5x1080                           | 40.0                               | 50                                        | 上下耳胶对称            |
| 1290x2Px(3+6+3)    | 6x6x1250                           | 40.0                               | 40                                        | 上下耳胶对称            |
| 1290x2Px(5+6+2)    | 6x6x1250                           | 37.0                               | 38                                        | 上下耳胶对称            |
| 1290x2Px(5+6+2.6)  | 6x6x1250                           | 37.0                               | 36                                        | 上下耳胶对称            |
| 1300x2Px(5+7+5)    | 7x7x1250                           | 40.5                               | 40                                        | 上下耳胶对称            |

☆注：1.覆盖胶有普通型和阻燃型

2.帆布材质有聚酯帆布或棉帆布

☆ 1. Rubber Cover: Conventional,Fire Resistant

2. Fabric:EP.,CC

### 输送带m<sup>2</sup>计量方法

#### Calculating method(m<sup>2</sup>)

$$M2 = \text{宽带(m)} \times \left\{ \frac{\text{布层数} + \frac{\text{带总厚度(mm)} - \text{单层布厚(mm)} \times \text{布层数}}{1.5 \text{ (mm)}} \right\} \times \text{带长(m)} + \text{耳胶折算(m}^2\text{)}$$

$$M2 = \text{Width (m)} \times \left\{ \frac{\text{Ply Number} + \frac{\text{Belt thickness(mm)} - \text{Single Fabric Thickness(mm)} \times \text{Ply Number}}{1.5 \text{ (mm)}} \right\}$$

$$\times \text{Length (m)} + \text{Ear Rubber Concertion (m}^2\text{)}$$

### 品种

#### Type

品种：按覆盖胶的不同可分为普通型 ( Conventional ) 和阻燃型 ( Fire Resistant )

## 分层式织物芯输送带

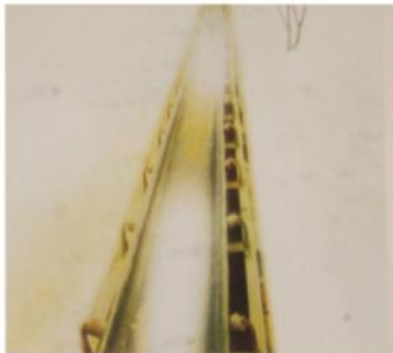
Multi-ply Fabric Conveyor Belt

织物芯输送带按抗拉层材料不同分为:

尼龙(NN)输送带、聚酯(EP)输送带、棉帆布(CC)输送带。

**Fabric Conveyor Belts are named according to different carcass:**

Nylon Conveyor belt, EP Conveyor Belt, Cotton Conveyor Belt.



耐寒型输送带

Gold resistant Belt



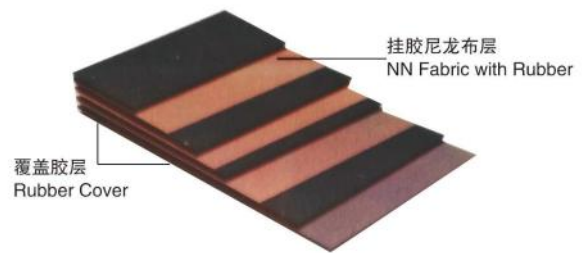
耐高温(烧灼)型输送带

High Temperature Resistant Belt



输送带硫化生产线

Curing Machines

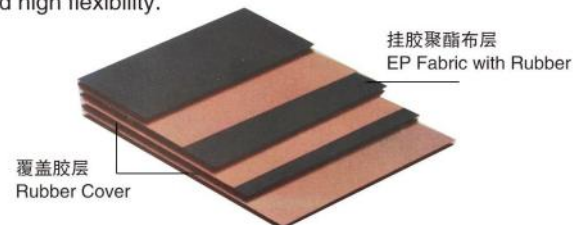


尼龙(NN)输送带:

Nylon Conveyor belt:

带体弹性好, 强力高, 抗冲击、耐屈挠性好, 成槽性好, 使用伸长小, 适用于中长距离较高载量, 高速条件下输送物料。

NN belt: under condition of middle/long distance, heavy loading capacity, high speed, strong lash and high flexibility.

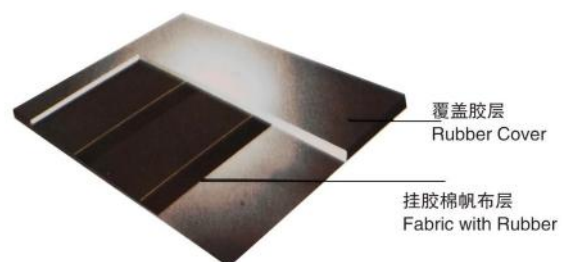


聚酯(EP)输送带:

EP Conveyor Belt:

带体模量高, 使用伸长小, 耐热性好, 耐冲击, 适用于中长距离较高载量, 高速条件下输送物料。

EP Belt: under condition of middle/long distance, heavy loading capacity, high speed conveying, good flexing capacity, troughable, heat resistant, low elongation.



棉帆布(CC)输送带:

Cotton Con-veyor Belt:

棉帆布(CC)输送带: 一种传统的输送带, 适用于中短距离输送物料。

CC Belt: suitable for middle/short distance conveying

## 分层式织物芯输送带

### Multi-ply Fabric Conveyor Belt

#### 分层式织物芯输送带规格系列

#### Multi-ply Fabric Conveyor Belt

| 胶带类型<br>Belt Type                | 织物型号<br>Fabric Type | 单层织物<br>强度(N/mm)<br>Single Fbnric<br>Strength | 单层织物骨架<br>厚度(mm)<br>Single Fbnric<br>Thickness | 覆盖胶厚<br>Cover Thickness |                      | 布层数<br>Ply | 生产宽度范围<br>(mm)<br>Width Range | 生产长度<br>(m)/卷<br>Length(m )<br>/Roll |
|----------------------------------|---------------------|-----------------------------------------------|------------------------------------------------|-------------------------|----------------------|------------|-------------------------------|--------------------------------------|
|                                  |                     |                                               |                                                | 上 胶<br>Top Rubber       | 下 胶<br>Bottom Rubbet |            |                               |                                      |
| 尼龙(NN)输送带<br>Nylon Belt          | NN100               | 100                                           | 0.70                                           | 3.0                     | 1.5                  | 2-10       | 300-2700                      | 20-400                               |
|                                  | NN150               | 150                                           | 0.75                                           |                         |                      |            |                               |                                      |
|                                  | NN200               | 200                                           | 0.90                                           |                         |                      |            |                               |                                      |
|                                  | NN250               | 250                                           | 1.15                                           |                         |                      |            |                               |                                      |
|                                  | NN300               | 300                                           | 1.25                                           |                         |                      |            |                               |                                      |
|                                  | NN400               | 400                                           | 1.50                                           |                         |                      |            |                               |                                      |
| 聚酯(EP)输送带<br>EP Belt             | EP100               | 100                                           | 0.75                                           | 4.5                     | 3.0                  | 2-8        | 300-2700                      | 20-400                               |
|                                  | EP150               | 150                                           | 0.85                                           |                         |                      |            |                               |                                      |
|                                  | EP200               | 200                                           | 1.00                                           |                         |                      |            |                               |                                      |
|                                  | EP250               | 250                                           | 1.20                                           |                         |                      |            |                               |                                      |
|                                  | EP300               | 300                                           | 1.35                                           |                         |                      |            |                               |                                      |
|                                  | EP350               | 350                                           | 1.50                                           |                         |                      |            |                               |                                      |
|                                  | EP400               | 400                                           | 1.65                                           |                         |                      |            |                               |                                      |
| 棉帆布(CC)输送带<br>Cotton Canvas Belt | CC-56               | 56                                            | 1.10                                           | 6.0                     | 6.0                  | 3-12       | 300-2700                      | 20-400                               |

#### 应用

#### Application

广泛应用于矿山、港口、煤炭、冶金、建筑、化工、粮食等领域的物料输出。

Widely used in mining,haibour,coal,metallurgy,chemical etc,field for convying materials.

**品种：**分层式织物芯输送带根据覆盖胶的不同，有普通型、耐热型、耐高温型、耐烧灼型、一般难燃型、静电型、耐酸碱型、耐油型、食品型等品种。

Type:Based on the rubber cover, the multi-ply conveyor belt can be clarified as follows:Normal Standard.Heat Resistant, FlameRetardant,Abrasion Resistant,Normal Fire Resistant, Static Transmission,Acid/Alkali Resistant, oil Resistant and Food types.

| 品种名称<br>Type                               | 特点与用途<br>Feature and Application                                                                                                          |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 普通型<br>Conventional                        | 能输送粉状、粒状和块状物料，用于一般物料输送领域。<br>Generally used for powder,grain and block material.                                                          |
| 耐油型<br>Oil/Fat Resistant                   | 具有耐油性能，用于输送含油物料。<br>Oil,fat material                                                                                                      |
| 耐酸碱型<br>Acid/Alkali Resistant              | 能输送PH值为4-10的酸碱性物料，能耐一定浓度的盐酸、硫酸、硝酸、弱碱等物料。<br>PH4-10material                                                                                |
| 耐热型<br>Heat Resistant                      | 分为(T1型)耐不大于100℃的温度，(T2型)耐不大于125℃的温度。<br>T1≤100℃， T2≤125℃                                                                                  |
| 耐高温型(耐烧灼)<br>High Temperature<br>Resistant | (T3型)可耐不大于150℃的温度，耐高温型可耐不大于180℃，耐烧灼输送带可输送200℃~600℃温度的物料，使用与冶金、焦化、建材和铸造行业烧结成品、水泥熟料和各种高温物料的输送。<br>T3≤150℃， T4≤180℃， Fire Resistant:200-600℃ |
| 阻燃型<br>Flame Retardant                     | 输送带表面具有阻燃性能，能够瞬间熄灭火焰，适用于需阻燃的输送场所。<br>Extinguishing the flame quickly                                                                      |
| 耐寒型<br>Cold Resistant                      | 输送带表面具有耐寒性能，能在-40℃以上气温条件下使用，适用于严寒地区露天情况下的输送物料。<br>Cold up to -40℃                                                                         |
| 耐磨型<br>Abrasion Resistant                  | 输送带表面具有抗冲击、抗物料的棱角磨损，适用于输送坚硬物料和棱角较尖锐等物料的输送条件。<br>Anti-shock for shaped material                                                            |

## 整 芯 输 送 带

### Solid Woven Conveyor Belt

带体不脱皮，伸长小，抗冲击，耐撕裂，主要用于煤矿井下。按结构不同分为PVC型，PVG型整芯输送带。

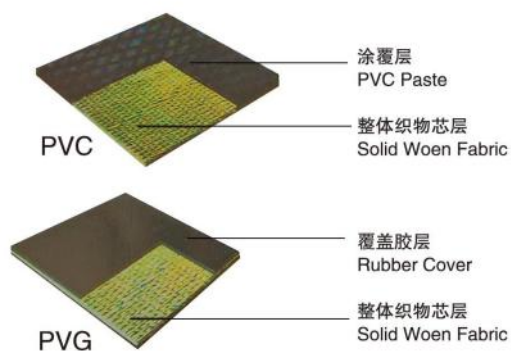
PVC型为全塑整芯输送带。用于倾角16°以下干燥条件的物料输送。

PVG型为橡胶面整芯输送带。用于倾角20°以下潮湿有水物料输送。

PVC/PVG: Solid woven flame retardant belts are used in conveying coal, without taking off for layers, low elongation. Anti-shock and tearing resistant, usually used in mining.

PVC belt: Used for conveying material up to 16° inclination under dry conditions.

PVG belt: Rubber cover, suitable for conveying water material up to 20° inclination.

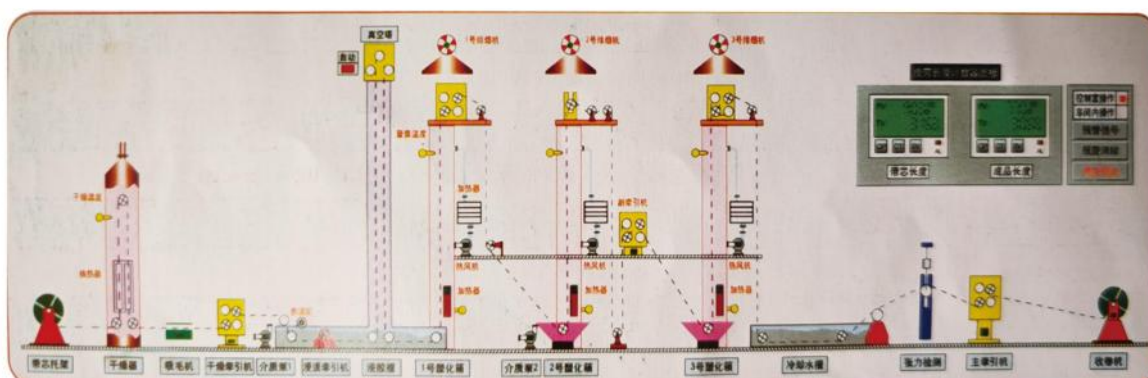


#### 标志示例

#### Marks model

| MA                             | PVG (PVC)                                                                           | 800                                                             | S                                                         | N                            | 2008                        | 01                                             |
|--------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------|------------------------------|-----------------------------|------------------------------------------------|
| "安全标志" 符号<br>Safe Marks Symbol | 覆盖层材质为橡胶<br>(覆盖层材质为塑料)<br>Material of Cover: Rubber<br>(Material of Cover: Plastic) | 阻燃带纵向拉伸强度<br>Elongation Break<br>Strength of Flame<br>Retardant | 阻燃抗静电的代号<br>Code of Flame<br>Retardant and<br>Anti-static | 制造厂名称<br>Name of Manufacture | 制造年份<br>Date of Manufacture | 产品检验<br>合格证编号<br>Quality<br>Certificate<br>NO. |

### PVC/PVG 塑化生产线示意图



## 整 芯 输 送 带

### Solid Woven Conveyor Belt

#### 整芯输送带规格系列

#### Specification of Solid Woven Conveyor Belt

| 型号<br>Type         | 整体拉伸强度(N/mm)<br>Total Tensile Strength(N/mm) |                   | 整体拉伸伸长率(%)<br>不小于Total Tensile Rate at Breaking≥ |                   | 宽带(mm)<br>Width (mm) | 每卷带长(m)<br>Length(m)/Roll |
|--------------------|----------------------------------------------|-------------------|--------------------------------------------------|-------------------|----------------------|---------------------------|
|                    | 纵 向<br>Elongation                            | 横 向<br>Transverse | 纵 向<br>Elongation                                | 横 向<br>Transverse |                      |                           |
| 680S/四级(Grade4)    | 680                                          | 265               | 15                                               | 18                | 400<br> <br>2000     | 20-200                    |
| 800S/五级(Grade5)    | 800                                          | 280               |                                                  |                   |                      |                           |
| 1000S/六级(Grade6)   | 1000                                         | 300               |                                                  |                   |                      |                           |
| 1250S/七级(Grade7)   | 1250                                         | 350               |                                                  |                   |                      |                           |
| 1400S/八级(Grade8)   | 1400                                         | 350               |                                                  |                   |                      |                           |
| 1600S/九级(Grade9)   | 1600                                         | 400               |                                                  |                   |                      |                           |
| 1800S/十级(Grade10)  | 1800                                         | 400               |                                                  |                   |                      |                           |
| 2000S/十一级(Grade11) | 2000                                         | 400               |                                                  |                   |                      |                           |
| 2240S/十二级(Grade12) | 2240                                         | 450               |                                                  |                   |                      |                           |
| 2500S/十三级(Grade13) | 2500                                         | 450               |                                                  |                   |                      |                           |
| 2800S/十四级(Grade14) | 2800                                         | 450               |                                                  |                   |                      |                           |
| 3100S/十五级(Grade15) | 3100                                         | 450               |                                                  |                   |                      |                           |
| 3400S/十六级(Grade16) | 3400                                         | 450               |                                                  |                   |                      |                           |

#### 织物芯输送带的执行标准主要技术指标

#### Standard and Main Technical Data

| 品种 Type                            | 标准及主要指标 Standard and Main Technical Data                                               |
|------------------------------------|----------------------------------------------------------------------------------------|
| 普通型 Conventional                   | GB/7984 DIN22102                                                                       |
| 耐热型 Heat Resistant                 | HG/T2297 T1型( $\leq 100^{\circ}\text{C}$ )T1型( $\leq 125^{\circ}\text{C}$ )            |
| 耐高温型 High Temperature Rsistant     | HG/T2297 T3型( $\leq 150^{\circ}\text{C}$ )                                             |
| 耐烧灼型 Fire Resistant                | 耐200℃以上物料灼烧(Resistant>200℃ Material Cauterize)                                         |
| 耐热磨型 Hest/Abrasion Resistant       | 耐125℃,邵泊尔磨耗量 $\leq 150\text{mm}^3$ Resistant 125℃,Shore Abrasion $\leq 150\text{mm}^3$ |
| 耐磨型 Abrasion Resistant             | 邵泊尔磨耗量 $\leq 90\text{mm}^3$ Shore Abrasion $\leq 90\text{mm}^3$                        |
| 一般阻燃型 Conventional Flame Retardant | GB/T 10822                                                                             |
| 耐寒型 Cold Resistant                 | 脆性温度 $-50^{\circ}\text{C}$ Fragility Temperature $-50^{\circ}\text{C}$                 |
| 耐酸、碱、油型 Acid,Alkal,Oil Resistant   | HG-846                                                                                 |
| PVC PVG                            | BS3289 MT914HG2805                                                                     |

## 波 状 挡 边 输 送 带

### Corrugated Sidewall Conveyor Belt

波状挡边输送带被广泛应用于港口、冶金、矿山、电力、煤炭、铸造、建材、粮食、化工等领域物料输送。能使各种散装物料以0-90度作任意倾角连续输送，具有输送角度大、使用范围广、占地面积小、无转运点、减少土建投资、维护费用低、输送量大等特点。解决了普通输送或花纹输送带所不能达到的输送角度。波状挡边输送带可根据要求设计成一套完整输送系统。避免了间断输送和复杂输送的提升系统。

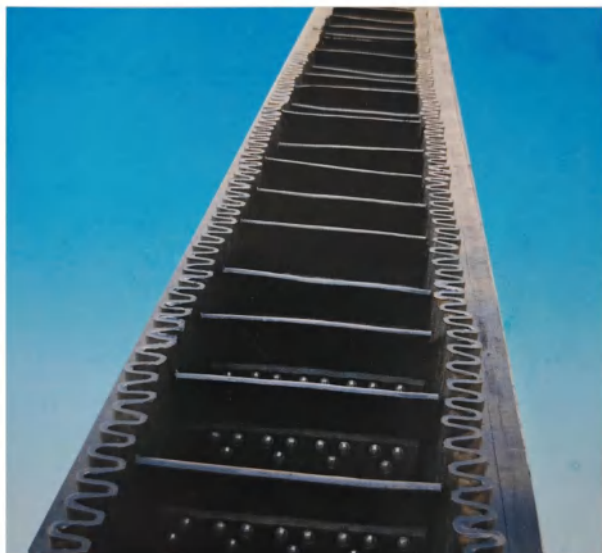
波状挡边输送带可沿水平、倾斜、垂直和变角方向输送各种散装物料，从煤、矿石、沙子到化肥和粮食等。物料粒度不限，可从很小的粒度到400mm的大粒度，输送量可从1立方米小时到6000立方米小时。

Corrugated-sidewall belt conveyor is widely used in port, metallurgy, mining, electricity, coal, casting, building materials, food, chemical industry material conveying. Can make a variety of bulk materials to 0-90 for arbitrary angle continuous conveyor, conveyor having a point of view, the use of a wide range, small occupation area, no transfer point, reduce the construction investment, low maintenance cost. large amount of transmission characteristics such as. To solve the general delivery or conveyor belt should not reach the conveying angle Corrugated-sidewall belt conveyor can be designed as a complete set of conveying system. To avoid the discontinuous transmission and complex transmission lifting system.

A corrugated sidewall conveyor belt along the horizontal, vertical and inclined variable angular orientations in conveying a variety of bulk materials, from coal, ore, sand to chemical fertilizer and grain. The particle size is not restricted, can be from small size to 400mm large granularity, conveying capacity from 1 cubic meters hour to 6000 cubic meters hour.

公司拥有国内生产最大宽度的波形挡边输送带生产线，能生产宽2000mm,挡边高500mm波形挡边输送带，目前大连北良港使用本公司生产的挡边带，每小时输送物料2500吨/小时，在同行业中有着良好的口碑。

The company has the largest domestic production of the width of the waved edge conveyor belt production line, capable of producing a wide 2000mm, retaining edge high 500mm wave edge conveyor belt at North Port Bailiang Dalian, use of the company's production of rib belt, hourly transportation of materials 2500 tons / hour, in the same industry has a good reputation.



## 波 状 挡 边 输 送 带

### Corrugated Sidewall Conveyor Belt

公司致力与追求产品科技与国际同步，从研究开发设计到生产制造安装及完善服务，设计波状挡边输送带技术的各个领域。

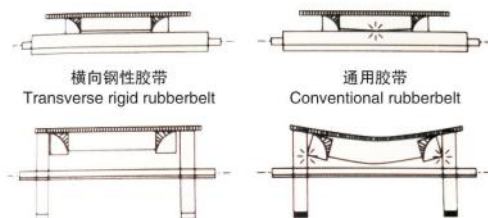
The company is a manufacturer specialized in sidewall conveyor belt. Concerning corrugated conveyor belt technology filed, supplying design, manufacture, installation and service.

### 基 带

#### Cross-rigid Base Belt

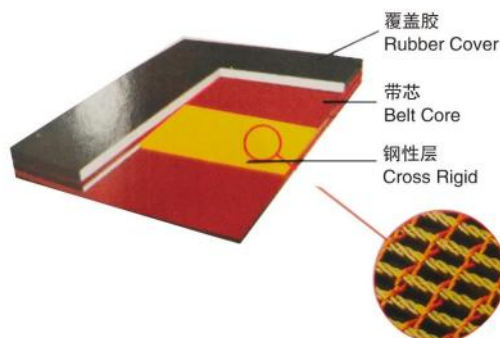
##### 基带的要求

波状挡边输送带要求具有一定的抗拉强度和耐磨性。其中对留有空边的波状挡边输送带，为了适应角度改向的要求，胶带的纵向要求有柔软性，横向则要求一定的刚性。公司生产的波状挡边输送带采用特殊结构的横向刚性基带，解决了大规格输送带在回程过程塌带现象。



##### 基带的构造

基带是由上覆盖胶、下覆盖胶、带芯和横向刚性层四部分组成。上覆盖胶厚度一般为3-6mm，下覆盖胶厚度一般为1.5-4.5mm。带芯材料承受拉力，其材料可以是尼龙帆布(NN)、聚酯帆布(EP)、棉帆布(CC)或钢丝绳(ST)。为了增加基带的横向刚性，在芯体加入特殊加强层，称横向刚性层。基带的宽度规格，与普通胶带相同，符合GB/T7984的标准规定。



##### Base Belt Structure:

Four Parts: Top cover rubber, Bottom cover rubber, Reinforced core, Cross rigid.

Thickness of TOP Cover Rubber: 3-6(mm);

Thickness of Bottom Cover Rubber: 1.5-4.5(mm).

Belt Core: Nylon, EP, Cotton or Steel Cord

The Width is the same as normal belt. The standard meets with GB/T7984

### 波状挡边

#### Corrugated sidewall

公司根据波状挡边带的使用原理对波状挡边的制造工艺进行了改革创新。增加了挡边使用寿命，S形波状挡边按承载能力可分为轻型(N)、中型(S)和重型(ES)。

We manufacture the corrugated sidewall with tearing resistant cotton fabric to reinforce the belt tearing for long life.

## 波 状 挡 边 输 送 带

### Corrugated Sidewall Conveyor Belt

#### 横隔板 Cleat

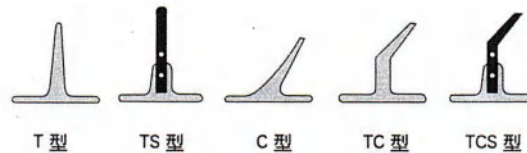
公司生产的横隔板采用纤维复合材料制作而成，挺性大、增强耐冲击性。避免了隔板因受力而发生形变。在磨损较重的情况下，为维修方便，横隔板可做成镶嵌式，如TS和TCS。输送机倾斜角度小于40度时，横隔板用T型或TS型；倾斜角度大于40度时横隔板用C型、TC型或TCS型。

布置横隔板间距时，应考虑与波状挡边的波峰相对应。以防止物料从二者缝中漏下和卸料时造成积料死角。我公司生产的波状输送带，挡边、横隔板与基带的粘接采用二次低温热硫化粘接，粘接强度高，粘接牢固、平整，不掉板，不脱落。横隔板与波状挡边间用螺栓连接，增加了整体刚性和提高使用性能，结束了物料泄漏问题。

The company production of diaphragm with fiber composite materials made of, quite large, enhanced impact resistance. To avoid the partition because of stress deformation. In the case of heavier wear, convenient for repair, transverse partition plate can be made into mosaic type, such as TS and Tcs. Conveyor tilt angle less than 40 degrees, diaphragms with type T or type TS; tilt angle greater than 40 degrees, diaphragms with type C, type TC or type TCS.

The space between cleat, should be considered with corugated side peaks corresponding to. In order to prevent the material from the two slot leakage and discharge caused by dead angle of material deposit. My company produces corrugated conveyor belt, rib, diaphragms and baseband bonding using two low temperature heat vulcanizing bonding, high bonding strength, firm bonding, smooth, not off the board, not falling. Diaphragm and corrugated sidewall bolt connection, increase the integral rigidity and improve the use performance, ending the leakage problem.

横隔板的型号可分为



#### 波状挡边与横隔板组合表

##### Sidewall and Cleat

单位：(mm)

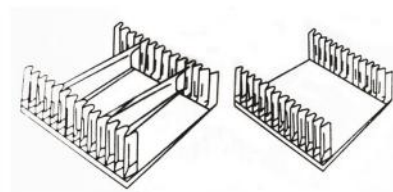
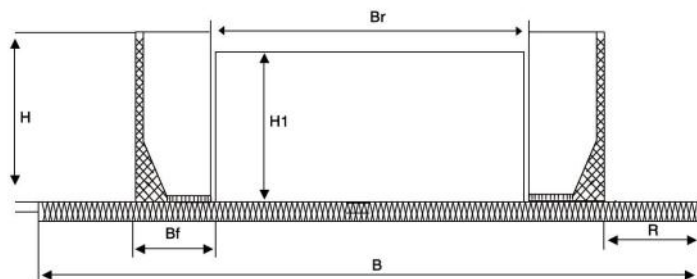
| 名称Name           | N  |    |    |     |     | S   |     |     |     | ES  |     |     |     |
|------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 波形挡边<br>Sidewall |    |    |    |     |     |     |     |     |     |     |     |     |     |
| 高度<br>Height     | 40 | 60 | 80 | 100 | 120 | 120 | 160 | 200 | 240 | 300 | 400 | 500 | 630 |
| 结构<br>Structure  |    |    |    |     |     |     |     |     |     |     |     |     |     |
| 型号<br>Type       |    |    |    |     |     |     |     |     |     |     |     |     |     |
| 高度<br>Height     | 35 | 55 | 75 | 90  | 110 | 110 | 140 | 180 | 220 | 280 |     |     |     |
| 结构<br>Structure  |    |    |    |     |     |     |     |     |     |     |     |     |     |
| 型号<br>Type       |    |    |    |     |     |     |     |     |     |     |     |     |     |
| 高度<br>Height     | 35 | 55 | 75 | 90  | 110 | 110 | 140 | 180 | 220 | 280 | 360 | 460 | 580 |
| 结构<br>Structure  |    |    |    |     |     |     |     |     |     |     |     |     |     |
| 型号<br>Type       | C  |    |    |     |     | C   |     |     |     | TCS |     |     |     |
| 高度<br>Height     |    | 55 | 75 | 90  | 110 | 110 |     | 180 | 220 | 280 | 360 | 460 | 580 |

挡边非标准系列有：S136 S220 S270 S360

Non-standard of Sidewall: S136 S220 S270 S360

## 波状挡边输送带

### Corrugated Sidewall Conveyor Belt



#### 波状挡边带组合数

#### Sidewall and Cleat

| 基本宽B(mm)<br>Base belt width | 挡边高H(mm)<br>Sidewall Height H | 横隔板高H <sub>1</sub> (mm)<br>Cleat height H <sub>1</sub> | Bf<br>(mm) | Br<br>( mm ) | R<br>( mm ) |
|-----------------------------|-------------------------------|--------------------------------------------------------|------------|--------------|-------------|
| 300                         | 40                            | 35                                                     | 25         | 180          | 35          |
|                             | 60                            | 55                                                     | 50         | 120          | 40          |
|                             | 80                            | 75                                                     |            |              |             |
| 400                         | 60                            | 55                                                     | 50         | 180          | 60          |
|                             | 80                            | 75                                                     |            |              |             |
|                             | 100                           | 90                                                     |            |              |             |
| 500                         | 80                            | 75                                                     | 50         | 250          | 75          |
|                             | 100                           | 90                                                     |            |              |             |
|                             | 120                           | 110                                                    |            |              |             |
| 650                         | 100                           | 90                                                     | 50         | 350          | 100         |
|                             | 120                           | 110                                                    |            |              |             |
|                             | 160                           | 140                                                    | 75         | 300          |             |
| 800                         | 120                           | 110                                                    | 50         | 460          | 120         |
|                             | 160                           | 140                                                    | 75         | 410          |             |
|                             | 200                           | 180                                                    |            |              |             |
| 1000                        | 160                           | 140                                                    | 75         | 550          | 150         |
|                             | 200                           | 180                                                    |            |              |             |
|                             | 240                           | 220                                                    |            |              |             |
| 1200                        | 160                           | 140                                                    | 75         | 690          | 180         |
|                             | 200                           | 180                                                    |            |              |             |
|                             | 240                           | 220                                                    |            |              |             |
|                             | 300                           | 280                                                    | 105        | 630          |             |
| 1400                        | 200                           | 180                                                    | 75         | 830          | 210         |
|                             | 240                           | 220                                                    |            |              |             |
|                             | 300                           | 280                                                    | 105        | 770          |             |
|                             | 400                           | 360                                                    |            |              |             |
| 1600                        | 200                           | 180                                                    | 75         | 970          | 240         |
|                             | 240                           | 220                                                    |            |              |             |
|                             | 300                           | 280                                                    | 105        | 910          |             |
|                             | 400                           | 360                                                    |            |              |             |
| 1800                        | 240                           | 220                                                    | 75         | 1110         | 270         |
|                             | 300                           | 280                                                    | 105        | 1050         |             |
|                             | 400                           | 360                                                    |            |              |             |
|                             | 500                           | 460                                                    | 125        | 1010         |             |

## 花纹输送带

### Chevron Belt

#### 特点

#### Feature

适用于倾角 $0^{\circ}$ — $40^{\circ}$ ，散装、袋装物料输送，防止物料下滑，提高输送能力。

Suitable for bulk material packed in bag conveying up to  $45^{\circ}$ , slide resistant and high conveying capacity.

#### 型式

#### Format

人字形花纹、鱼骨型花纹、U形花纹、圆柱形花纹等。

带宽:300mm—2200mm

花纹高:5、10、15、20、25、30(mm)

花纹间距:125、200、250、330、400、500(mm)

注:花纹形状可根据用户要求另行设计。

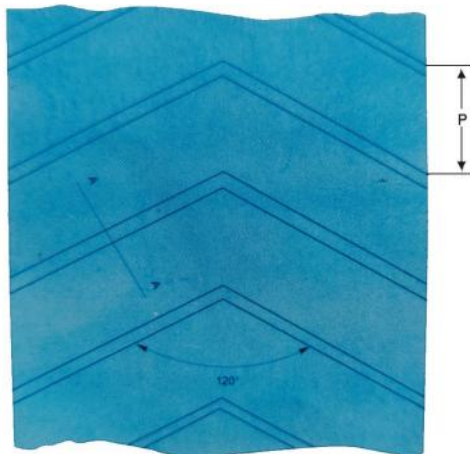
**Chevron shape, cleat shape, U shape, her-ring bone shape, cylinder pattern**

Width of belt: 300mm—2200mm

Height of pattern: 5、10、15、20、25、30(mm)

Pattern pitch: 125、200、250、330、400、500(mm)

Note: Pattern can be designed according to the user's requirement.



A-A 截面图



## 斗提机输送带

### Bucket Elevator Belt

#### 应用

#### Application

斗提机输送带用于垂直输送物料。广泛应用于建材、矿山、化工、轻工、机械、电力、粮食等部门。

Suitable for conveying material vertically. Widely used in building, mining, chemical, light industry, power station and grain etc. field.

#### 特点

#### Feature

伸长小，输送量大，运行平稳、维护方便、对块状物料适应性良好。

Low elongation, great-conveying capacity, steady running, convenient maintenance, suitable for conveying bulk material.



| 胶带类型<br>Belt Type               | 胶带种类<br>Belt Type                  | 骨架材料型号<br>Carcass Type | 覆盖胶厚度(mm)<br>Cover Thickness |                      | 生产宽度范围<br>(mm)<br>Width Range |
|---------------------------------|------------------------------------|------------------------|------------------------------|----------------------|-------------------------------|
|                                 |                                    |                        | 上 胶<br>Top Rubber            | 下 胶<br>Bottom Rubber |                               |
| 普通类型<br>Conventional Type       | 尼龙(NN)输送带<br>Nylon Belt            | NN100–NN400            | 1.5                          | 1.5                  | 300–2200                      |
|                                 | 聚酯(EP)输送带<br>EP Belt               | EP100–EP400            |                              |                      | 300–2200                      |
|                                 | 棉帆布(CC)输送带<br>Cotton Canvas Belt   | CC–56                  | 3.0                          | 3.0                  |                               |
| 加强型(防撕裂型)<br>Reinforcement Type | 尼龙(CC)输送带<br>Nylon Belt            | NN100–NN400            |                              |                      | 4.5                           |
|                                 | 聚酯(EP)输送带<br>EP Belt               | EP100–EP400            |                              |                      |                               |
|                                 | 棉帆布(CC)输送带<br>Cotton Canvas Belt   | CC–56                  | 6.0                          | 6.0                  |                               |
|                                 | 钢丝绳输送带<br>Steel Cord Conveyor Belt | ST630–ST5000           |                              |                      |                               |

采用特殊加强耐撕裂聚酯帆布，或用钢丝防撕裂层。使用性能好，运行可靠，维修少。

The belt is made of either anti-tearing Ep canvas or steel cord reinforcement as center material with anti-tearing rubber cover, good application capability, steady running, low maintenance.

## 环形输送带

### Endless Conveyor Belt

我公司生产环形输送带带芯采用单条骨架织物缠绕成型，整体无接头。定型硫化出的环形带，带体两端周长尺寸标准，无喇叭口，皮带上机不跑偏。覆盖采用高强度耐磨橡胶配方，适用寿命长，带体厚度均匀，平面光滑、运行平稳，计量准确。

Fabric: Twining, no joint.

Rubber cover: Abrasion resistant rubber cover, Long-life.

Endless Belt: Clean and smooth surface, accurate measurement.



# 管状输送带

## Tubular conveyor belt

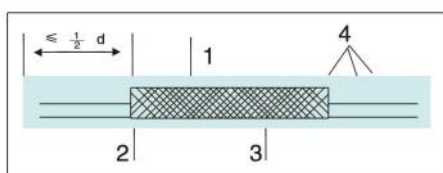
### 应用 Application

用于管状形带式输送机的物料输送。可广泛用于煤炭、冶金、电力、建材、化工、港口等行业的物料输送。  
Used in pipe conveyor for material conveying. Widely used in material conveying in mining, power, building material and chemical industry.

### 结构

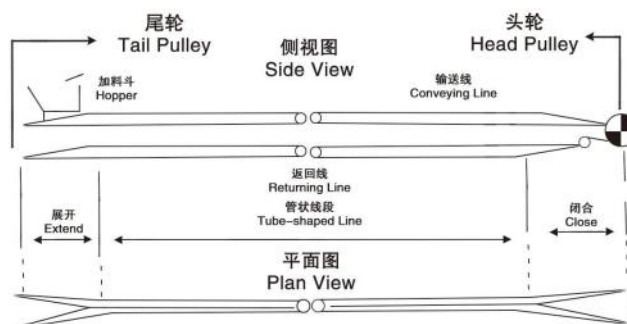
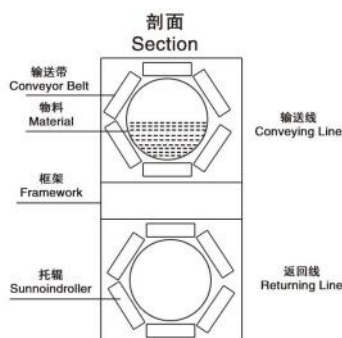
#### Structure

- |         |                        |
|---------|------------------------|
| 1. 上覆盖胶 | 1. Top Rubber Cover    |
| 2. 中间胶  | 2. Middle Rubber       |
| 3. 下覆盖胶 | 3. Bottom Rubber Cover |
| 4. 骨架层  | 4. Carcass             |



带的结构  
Belt Structure

卷管结构  
Pipe Type



### 特点

#### Feature

- |                                 |                                                                                              |
|---------------------------------|----------------------------------------------------------------------------------------------|
| 1. 刚性适度成管与拐弯容易，有保持圆度稳定的能力。      | 1. Suitable rigidity, flexibility, be keeing, stable circle                                  |
| 2. 带边柔顺搭接处密封良好，耐疲劳、耐磨、有稳定的承载能力。 | 2. Good sealing at connection point, fatigue resistant, abrasion resistant, sable conveying. |
| 3. 实行封闭输送，物料无飞扬、洒落、不会影响环境。      | 3. Close conveying, no spillage, no dust                                                     |
| 4. 可弯曲，大倾角，往返输送物料。              | 4. Bending, steep angle. Reverse conveying.                                                  |



## 金属网输送带

### Metallic Network Carcass Conveyor Belt

#### 应用 Application

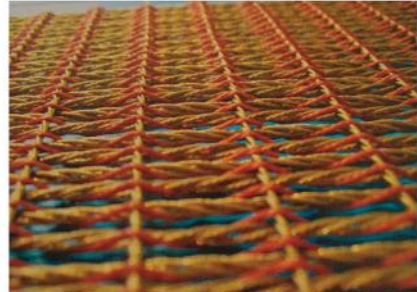
广泛应用于冶金、铸造、水泥、矿山等行业。

Widely used in metallurgy, casting, cement, and mining industry and so on.

#### 特点 Feature

带芯是金属螺旋网整体带芯，耐高温、耐烧灼、抗撕裂、拉伸强度高、伸长率小、具有良好的成槽性，而且接头效率高，操作方便。

The carcass is metallic screw network, the belt is heat-resistant, fire-resistant, tear-resistant, high tensile strength, low elongation, with good troughability, easy to make splice and operate.



#### 输送带规格系列

##### Belt Specification

| 规格强度        | Specification            | SN 630 | SN 800   | SN 1000 |
|-------------|--------------------------|--------|----------|---------|
| 纵向拉伸强度 N/mm | Tensile strength         | 630    | 800      | 1000    |
| 金属网厚度       | Thickness of network     | 5.5    | 6.0      | 6.5     |
| 上覆盖层厚度      | Top rubber thickness     | 8      | 9        | 10      |
| 下覆盖层厚度      | Bottom rubber thickness  | 3      | 3        | 3       |
| 层间粘合强度      | Viscosity between layers |        | ≥ 10N/mm |         |
| 10%定负荷纵向伸长率 | Viscosity between layers | ≤ 2%   | ≤ 2%     | ≤ 2%    |
| 胶带宽度 mm     | Belt width               |        | 500-1400 |         |

#### 输送带标志

##### Belt mark

| 金属网输送带<br>Metallic network conveyor belt | 带芯材质代号<br>Sign of carcass material | 胶带强度<br>Tensile strength of belt | 宽带<br>Belt width | 上、下覆盖层厚度<br>Top and bottom rubber thickness | 商标<br>Mark | 制造年月<br>Date of production |
|------------------------------------------|------------------------------------|----------------------------------|------------------|---------------------------------------------|------------|----------------------------|
|                                          | SN630                              |                                  | 800              | 8+3                                         | 荣华         | 2010.06                    |

注：可分为耐高温型、耐烧灼型。

#### 输送带m<sup>2</sup>计量方法

$$m^2 = \text{宽带} \times (\text{上覆盖层mm} + \text{下覆盖层mm} + \text{金属网厚度mm}) \times \text{带长mm} \\ 1\text{mm}$$

#### 金属网输送带质量计量方法

$$\text{kg} = [(\text{上覆盖层厚mm} + \text{下覆盖层厚mm}) \times \text{每毫米厚度胶料质量kg/m}^2 + \text{带芯质量kg/m}^2] \times \text{宽带m} \times \text{带长m}$$

# 橡胶板

## Rubber Mat/Sheet

### 用途

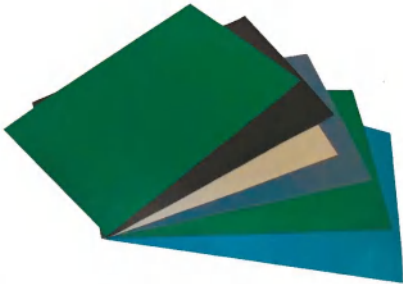
### Use

适用于工业铺设地面、冲制各种形状密封垫圈及铺盖设备等。  
Widely applied to industrial surfacing floors,making all kinds of sealing washers and other covering equipment.

### 出口胶板种类和基本性能表

The from of the kinds of the export rubber boards

| 类别     | 规格范围       |            | 基本性能        |               |            |               |
|--------|------------|------------|-------------|---------------|------------|---------------|
|        | 厚度<br>(mm) | 宽度<br>(mm) | 硬度<br>(邵尔A) | 拉伸强度<br>(Mpa) | 伸长率<br>(%) | 比重<br>(g/cm³) |
| 普通胶板   | 1-50       | 914-1400   | 65±5        | ≥4.0          | ≥200       | 1.45±0.05     |
| 普通胶板   | 1-50       | 914-1400   | 65±5        | ≥3.0          | ≥250       | 1.45±0.05     |
| 普通胶板   | 1-50       | 914-1400   | 65±5        | ≥3.0          | ≥150       | 1.50±0.05     |
| 普通胶板   | 1-50       | 914-1400   | 65±5        | ≥5.0          | ≥250       | 1.45±0.05     |
| 普通胶板   | 1-50       | 914-1400   | 65±5        | ≥7.0          | ≥250       | 1.45±0.05     |
| CR胶板   | 1-50       | 914-1400   | 65±5        | ≥7.0          | ≥250       | 1.70±0.05     |
| CR胶板   | 1-50       | 914-1400   | 65±5        | ≥4.0          | ≥300       | 1.55±0.05     |
| EPDM胶板 | 1-50       | 914-1400   | 65±5        | ≥5.0          | ≥250       | 1.45+0.05     |
| NBR胶板  | 1-50       | 914-1400   | 65±5        | ≥5.0          | ≥250       | 1.45±0.05     |
| 夹布胶板   | 3-20       | 914-1400   | 65±5        | ≥3.0          | ≥200       | 1.50±0.05     |
| 夹布胶板   | 3-20       | 914-1400   | 65±5        | ≥5.0          | ≥250       | 1.45±0.05     |



### 橡胶板厚度及宽度公差

The thickness and width tolerance of rubber boards

| 厚度(mm) | 公差(mm) | 宽度(mm)   | 公差(mm)  | 厚度(mm) | 公差(mm) | 宽度(mm)   | 公差(mm)  |
|--------|--------|----------|---------|--------|--------|----------|---------|
| 1.5    | ±0.20  | 914-1400 | ±20, -0 | 14     | ±0.90  | 914-1400 | ±20, -0 |
| 2.0    | ±0.30  | 914-1400 | ±20, -0 | 16     | ±1.00  | 914-1400 | ±20, -0 |
| 3.0    | ±0.35  | 914-1400 | ±20, -0 | 18     | ±1.20  | 914-1400 | ±20, -0 |
| 4.0    | ±0.40  | 914-1400 | ±20, -0 | 20     | ±1.35  | 914-1400 | ±20, -0 |
| 5.0    | ±0.45  | 914-1400 | ±20, -0 | 22     | ±1.80  | 914-1400 | ±20, -0 |
| 6.0    | ±0.50  | 914-1400 | ±20, -0 | 25     | ±2.30  | 914-1400 | ±20, -0 |
| 8.0    | ±0.55  | 914-1400 | ±20, -0 | 30     | ±2.60  | 914-1400 | ±20, -0 |
| 10     | ±0.60  | 914-1400 | ±20, -0 | 40     | ±2.90  | 914-1400 | ±20, -0 |
| 12     | ±0.80  | 914-1400 | ±20, -0 | 50     | ±3.30  | 914-1400 | ±20, -0 |

## 输送机覆盖带

### Sealing Belt

#### 应用

#### Application

覆盖带在输送散装物料的输送带上，具有防雨、防雪、防污染作用，广泛应用于港口、建材、化工、粮食等行业。

Prevent rain, snow, wind and dust. Widely used in harbor, building, chemical and grain field etc.

覆盖带应用于物料装卸输送机、连续生产机械其他物料装卸设备。

1. 由于采用了加强层，带体具有横向刚性。纵向带体柔软，可根据需要进行移动。

2. 可以保护物料不受尘土、风、雨及光照的影响。

Sealing belt is used as protection cover for unloading conveyor, continuous producing machine and other unloading material equipment.

1. Due to reinforced material, the belt is cross rigid and can withstand 100kgs weight object without deforming. Longitudinal direction is soft and easy to be moved according to application needs.

2. It prevents materials to be conveyed from dust, wind, rain and sunlight.

#### 表示方法

#### Marking

400 / 2 1200 \* ( 2P+ 6 ) \* 3.0 \* 2.0 \* 100m

|                          |                     |                  |                     |                                    |                                  |                                     |                     |
|--------------------------|---------------------|------------------|---------------------|------------------------------------|----------------------------------|-------------------------------------|---------------------|
| 拉伸强度<br>Tensile strength | 布层数<br>Fabric plies | 带宽<br>Belt width | 布层数<br>Fabric plies | 钢条规格<br>Specification of steel bar | 上覆盖胶厚度<br>Thickness of top cover | 下覆盖胶厚度<br>Thickness of bottom cover | 胶带长度<br>Belt length |
|--------------------------|---------------------|------------------|---------------------|------------------------------------|----------------------------------|-------------------------------------|---------------------|

|                                              |                                  |         |      |                           |      |      |      |      |
|----------------------------------------------|----------------------------------|---------|------|---------------------------|------|------|------|------|
| 宽 Width(mm)                                  | 600                              | 800     | 1000 | 1200                      | 1400 | 1600 | 1800 | 2000 |
| 最大支点间距(mm)<br>Max.Pitch between Fulcrums(mm) | 400-500                          | 650-700 | 800  | 1000                      | 1200 | 1400 | 1600 | 1800 |
| 预埋金属层 Embedded plate                         | 钢丝绳布 Steel Cord Fabric           |         |      | 方钢条Steel Cable Square Bar |      |      |      |      |
| 覆盖胶材料 Embedded plate                         | 黑色、防老化橡胶 Black.Anti-aging Rubber |         |      |                           |      |      |      |      |
| 最小滚筒直径Min.pulley dia.(mm)                    | 300                              | 300     | 300  | 400                       | 400  | 400  | 400  | 500  |

## 过滤机胶带

### Filter Belt

多年来，荣华胶带一直为国外众多客户设计并生产高质量的过滤机橡胶输送带，并得到客户的赞誉及认可。公司拥有两台过滤机胶带生产线，带宽可达4.5米，最大过滤面积可至500平方米。

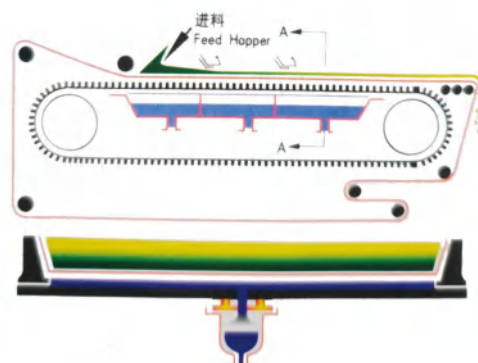
We have designed and produced high quality filter belt for customers of both domestic and overseas market. We have two filter belt production line whose maximum width can reach to 4.5Mtrs, the belt capacity is 500 square meters at most.

**应用:**应用于石油、化工、医学、染料、食品、冶金、选矿、选煤、电力工业中的固液分离及工业、生活中的废水处理，如磷酸、氧化钾、氧化铝、柠檬酸、硫酸钡的脱水及电厂的尾气脱硫等。

**Application:** Our filter belt is applicable for solid-liquid separation in such industries such as petroleum, chemistry, medicine, dyes, foodstuff, metallurgy, mine extraction and electric power generation. It can also be used in the treatment of industry and civilian waste water such as dehydration of phosphoric acid, kaoli, potassium sulfate, alumina, citric acid and barium sulfate, as well as desulfurization in power stations.

**特点:** 产品可实现连续过滤、洗涤、吸干、滤布再生;具有过滤率高、生产能力大、洗涤效果好、滤饼水份低、操作灵活等优点。

**Feature:** The filter belt can filter, wash, sord, filtration fabric rebirth continuously, and have the advantages of high filtration rate, high production capability, low washiness of filter cake and so on while operating easily.



## 岩体注浆系列产品

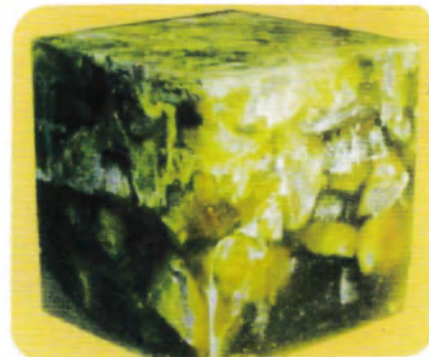
### Rock mass grouting products

荣华I号封孔剂是一种由A、B两种组份组成的高分子聚合物注浆产品，用于煤岩体加固与瓦斯抽放孔封孔。

荣华1号封孔剂的使用需要一台专用注浆泵和一支混合枪，A组份和B组份以1:1的体积比混合，产生聚合反应。当进行煤岩体注浆时，低粘性混合物保持液体状态几分钟，并渗透入细小裂隙，从而有效地加固使用区域。

Ronghua No.I on hole sealing agent is composed of A, B two component polymer grouting products, used for coal rock reinforcement and gas drainage bore hole sealing.

Ronghua No.I hole sealing agent use requires a special injection pump and a mixing gun, A group and B group with 1:1 volume ratio, produce polymerization reaction. When the coal rock grouting, low viscous mixture to maintain the liquid state for several minutes, and infiltration into the tiny slit, thereby effectively reinforcement using area.



### 适用范围

采煤工作面的加固 Mining coal working surface reinforcement  
煤柱加固与堵漏风 Coal pillar reinforcement and blocking leakage  
瓦斯抽放孔封孔 Gas drainage bore hole sealing

### Scope of application

### 产品特点

粘度低、渗透性强  
粘性好、强度高，具有良好的塑性  
良好的韧性能适应长期的地压影响  
可与水反应膨胀起到封闭水流的目的  
施工快捷简单  
快速加固煤层

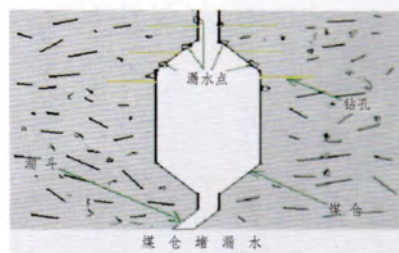
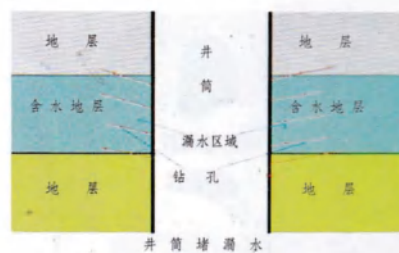
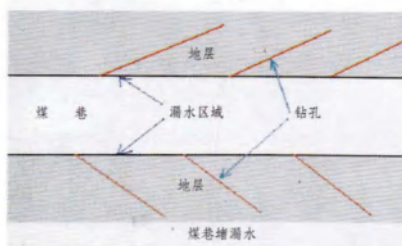
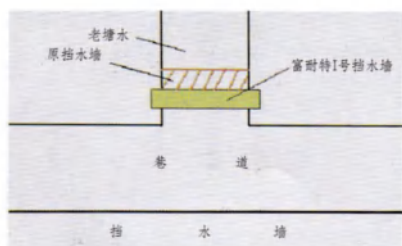
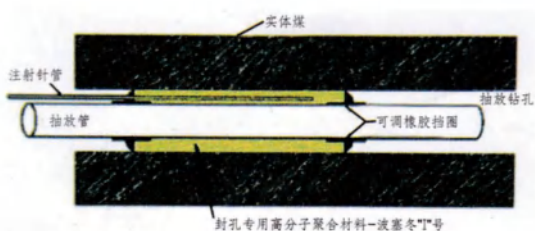
### Product features

Low viscosity, strong permeability  
Good adhesion, high strength, good plasticity  
Good toughness can adapt long-term pressure effect  
Can react with water to flow to closed expansion  
Simple and rapid construction  
Quick consolidation coal seam

### 技术数据

### Technical data

|                             | A组份      | B组份  |
|-----------------------------|----------|------|
| 20℃时的密度(g/cm <sup>3</sup> ) | 1.0      | 1.2  |
| 20℃时的粘度(mPa·s)              | 200      | 250  |
| 混合比例(体积比)                   | 1        | 1    |
| 存储温度(℃)                     | 5-30     | 5-40 |
| 20℃时的储存期限(月)                | 6        | 6    |
| 包装(塑料桶)                     | 25kg     | 30kg |
| 20℃时的反应数据                   |          |      |
| 反应开始(s)                     | 120      |      |
| 反应结束(s)                     | 180      |      |
| 膨胀倍数                        | 3-10(可调) |      |
| 抗压强度(MPa)                   | > 10     |      |



## 岩体注浆系列产品

### Rock mass grouting products

荣华I1号封孔剂是一种由A、B两种组份组成的高分子聚合物注浆产品。使用时两液体组分通过注浆泵和混合枪按4:1的体积比混合后迅速生成泡沫，产品会膨胀到原来体积的20~30倍并迅速硬化。硬化后的泡沫具有良好的整体承压能力和优异的抗静电能及较高的防火等级。

Rong hua No.II sealing agent is composed of A, B two component polymergrouting products. When the two liquid components through the injectionpump and mixing gun by 4: 1 volume ratio after the rapid generation of foamproducts, will expand to its original volume 20 ~ 30 times and rapid hardening.After curing of the foam has good overall bearing capacity and excellentantistatic and high fire rating.



### 适用范围

### Scope of application

一定承压范围内的永久密闭 A certain pressure range permanently closed

工作面采空区防灭火 Working face gob fire prevention and extinguishment

井下有害气体快速堵截 Fast cut off harmful gases in coal mine

瓦斯抽排巷、高位钻场充填及密闭 Gas drainage roadway,high level drilling field filling and sealing

封堵围岩裂隙，防止空气渗流 Transcatheter closure of surrounding rock fracture,to prevent air flow

在一定范围内构筑密闭墙及防火墙中空填及巷道、工作面的冒顶充填 In a certain range of building closed wall and firewall hollow filling and the roadway, working face roof fall filling

沿空留巷支架的壁后充填和沿空掘巷的小煤柱裂隙封堵 Roadway along,goaf support backfiling,roadway driving

along goaf in small coal pillar crack closure

### 产品特点

### Product features

即时发泡、膨胀倍数大，充填用量小 Instant foaming, expansion ratio, small amount of filling

抗静电、高难燃，适用于灭火措施 Antistatic, difficult ignition, applicable to fire fighting measures

良好的韧性能适应长期的地压影响 Good toughness can adapt long-term pressure effect

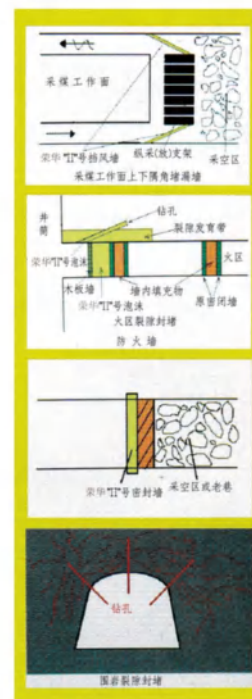
可压缩性好，能够适用岩层的运动 Compressibility, capable of strata movement

### 技术数据

### Technical data

|                | A组份  | B组份  |
|----------------|------|------|
| 20℃时的密度(g/cm³) | 1.2  | 1.5  |
| 混合比例(体积比)      | 4    | 1    |
| 存储温度(℃)        | 5-20 | 5-40 |
| 20℃时的储存期限(月)   | 3    | 12   |
| 包装(塑料桶)        | 25kg | 29kg |

|           | 20℃时的反应数据  |
|-----------|------------|
| 反应开始(s)   | 1:00       |
| 反应结束(s)   | 1:40       |
| 膨胀倍数      | 20-30      |
| 抗压强度(MPa) | >40        |
| 氧指数(%)    | >35        |
| 点着温度(℃)   | >400       |
| 阻燃抗静电性能   | 符合MT-113标准 |



# 输送带使用方法

与

## 保养说明

1.输送带在运输和贮存中，应保持清洁避免阳光直射或雨雪侵淋，防止与酸、碱油类、有机溶剂等物质接触，并距离发热装置一米以外。

2.贮存时仓库内温度宜保持在 $-18^{\circ}$   $-40^{\circ}$  之间，相对湿度宜保持在50-80%之间。

3.贮存期间，产品须成卷放置，不得折叠，放置期间应每季翻动一次。

4.不同类型、规格层数的输送带不宜在一起使用，其接头最好采用胶接法。

5.输送带的类型、结构、规格、层数应根据使用条件合理选用。

6.输送胶带运行速度一般不宜大于4米/秒，块度大，磨损性大的物料和使用固定类型卸料装置应尽量采用低速。

7.运输机的传动滚筒直径与输送带布层的关系，传动滚筒，改向滚筒的配套以及对托辊槽角的要求应根据运输机的设计规定，合理选取。

8.给料方向应顺胶带的运行方向，为减小物料下落时对胶带的冲击应采用溜槽，减小物料下落距离;胶带受料应缩短托辊间距和采用缓冲托辊，为防止漏料，带侧应采用柔软适度的挡料板，以免挡料板过硬，刮破输送带的带面。

9.输送带的使用中应注意以下事项:

(1)避免托辊被物料覆盖，造成回转不灵，防止漏料卡于滚筒与胶带之间，注意活动部分的润滑，但不得油污输送胶带;

(2) 避免带负荷启动;

(3)胶带发生跑偏，应及时采取措施纠正;

(4)发现胶带局部损伤应及时修补，以免扩大

## 售后服务

竭诚为顾客提供质量稳定的产品和满意的服务;  
向顾客提供产品样本和产品相关资料;  
向顾客推荐合理的产品类型、规格、型号;  
提供安装、接头技术服务;  
提供接头材料和胶接技术;  
为顾客培训接头人员，接受顾客来电、来函、来访;  
产品实行“三包”，代办托运;  
为顾客将产品质量负责到底。

# Conveyor belt method of use and maintenance instructions

1. Direct sunlight or drenching should be avoided during conveyor belt in transit and in storage. Prevent the contact with substances such as acid, alkaline and oils and organic solvent and so on, and rubber belt should be placed over one meter away from a heat source

2. The warehouse temperature should be ranging  $-18^{\circ}$   $-40^{\circ}$ , and the relative humidity, During 50%–80% storage.

3. The products should be placed by rolls and should not be enfolded.

4. They should be turned and moved once a quarter during storage.

5. Conveyor belts of different type, specs and layer should not be spliced and used. For splicing, the best way is via agglutination method.

6. The operation speed of conveyor belt should generally be lower than 4 meters per second. For materials of big lump and big abrasion and when the unloading is done by fixed unloading devices, try to use low speed.

7. The matching of drive drum diameter and the number of belt layers, the collocation of the drive drum with turnabout drum, and the requirement on the wrap angle of carrying roller should be stipulated in accordance with the conveyor design and selected reasonably.

8. Feeding should be performed in the same direction as the belt running. To reduce the impact of the falling materials done to the belt, chutes shall be set up to reduce the materials falling distance. The section that loads materials of rubber belt should use shorter carrying roller pitch and buffer roller to prevent spillage. The sides of the belt should adopt striker plate of proper flexibility lest rigid striker plate scratch and damage the surface of the belt.

9. The following attention should be paid during operation:

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

(2) Loaded start-up should be avoided.

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

(4) To prevent the belt from being blocked by the frame, supporting pillar and lump materials.

## After-sale service

Provide qualified products and satisfy service for our clients.

Supply product catalogues and relative technology data for our clients. Introduce rational product type, specification to our client.

Offer installment, joint technology service.

Offer splicing materials and splicing instructions.

Train splicing materials and splicing instructions.

The products practice "Three Guarantee" and necessary assistance concerning transportation.

We guarantee to be responsible for the quality of our product to the end.

**中国首届魅力城市 中国优秀旅游城市 中国生态园林城市 中国环保模范城市**





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