



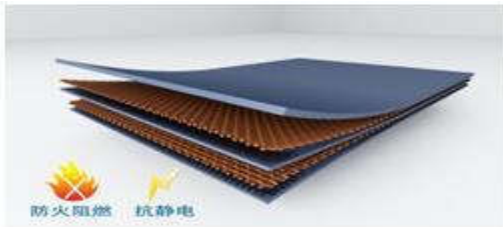
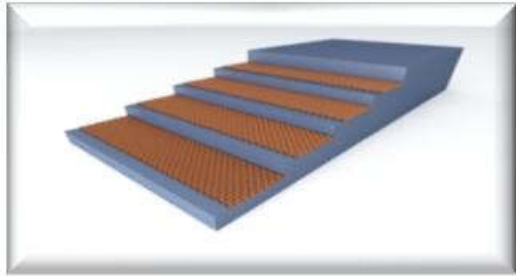
EVER BRIGHT

盐城大烨橡塑制品有限公司
EVER BRIGHT RUBBER & PLASTIC CO., LTD

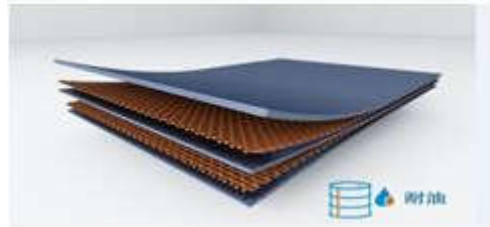
EVER BRIGHT

《《 RUBBER CONVEYOR BELT 《《

Product Range



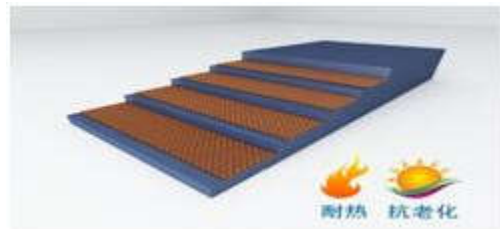
Flame Retardant Conveyor Belt



Oil-resistant Conveyor Belt



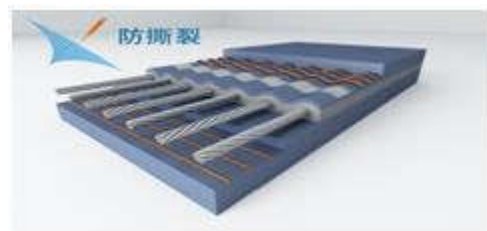
Cold resistant Conveyor Belt



Heat Resistant Conveyor Belt



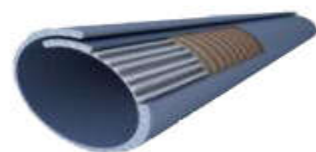
Acid Resistant Conveyor Belt



Anti-tear Conveyor Belt



Sensor Loops Conveyor Belt



Pipe Shape Conveyor Belt

General Textile Conveyor Belt

Application

The general textile conveyor belt is widely used for conveying material in mine, ports, metallurgy, building, chemical engineering, electric power, grain, etc.



Fabric Type

Polyester/polyamide(Nylon) – EP

Cotton/cotton - CC

Polyamide(Nylon)/polyamide(Nylon) - NN

Terylene/cotton - TC

Tensile Strength: 100kN/m/ply - 800 kN/m/ply

Width: 500-2500mm, Thickness of cover rubber: 1.5-30mm

Data Sheet (Specification)

Fabric	Design (Warp/Weft)	Textile	Carcass	Tensile Strength (N/mm)				Thickness of cover rubber(mm)		Width (mm)
				2ply	3ply	4ply	5ply	Top	Bottom	
EP	Polyester / Nylon	EP100	1	200	300	400	500	1.5-30	1.5-20	300-2500
		EP125	1	250	375	500	625	1.5-30	1.5-20	300-2500
		EP150	1.1	300	450	600	750	1.5-30	1.5-20	300-2500
		EP200	1.2	400	600	800	1000	1.5-30	1.5-20	300-2500
		EP250	1.4	500	750	1000	1250	1.5-30	1.5-20	300-2500
		EP300	1.6	300	900	1200	1500	2.0-30	2.0-20	300-2500
		EP350	1.7	700	1050	1400	1750	2.0-30	2.0-20	300-2500
		EP400	1.9	800	1200	1600	2000	2.0-30	2.0-20	300-2500
		EP500	2.1	1000	1500	2000	2500	2.0-30	2.0-20	300-2500
		EP630	2.6	1260	1890	2520	3150	2.0-30	2.0-20	300-2500

Fabric	Design (Warp/Weft)	Textile	Carcass	Tensile Strength (N/mm)				Thickness of cover rubber(mm)		Width (mm)
				2ply	3ply	4ply	5ply	Top	Bottom	
NN	Nylon / Nylon	NN100	1	200	300	400	500	1.5-30	1.5-20	300-2500
		NN125	1	250	375	500	625	1.5-30	1.5-20	300-2500
		NN150	1.1	300	450	600	750	1.5-30	1.5-20	300-2500
		NN200	1.2	400	600	800	1000	1.5-30	1.5-20	300-2500
		NN250	1.4	500	750	1000	1250	1.5-30	1.5-20	300-2500
		NN300	1.6	300	900	1200	1500	2.0-30	2.0-20	300-2500
		NN350	1.7	700	1050	1400	1750	2.0-30	2.0-20	300-2500
		NN400	1.9	800	1200	1600	2000	2.0-30	2.0-20	300-2500
		NN500	2.1	1000	1500	2000	2500	2.0-30	2.0-20	300-2500
		NN630	2.6	1260	1890	2520	3150	2.0-30	2.0-20	300-2500

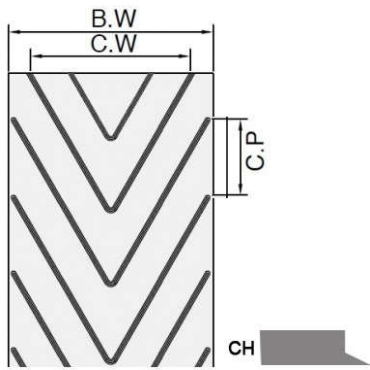
Chevron Conveyor Belt

Characteristic

The chevron conveyor belt is suitable for transporting materials in environments with a certain tilt angle, with a tilt angle of 0-40 deg, which can effectively prevent material from sliding down.

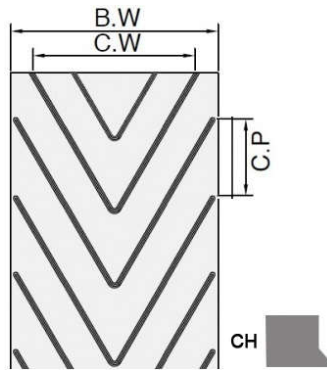
Application

This kind of belt widely used in conveying materials in coal mine, mining, electric power industry, metallurgy industry, chemical industry, light industry and so on.



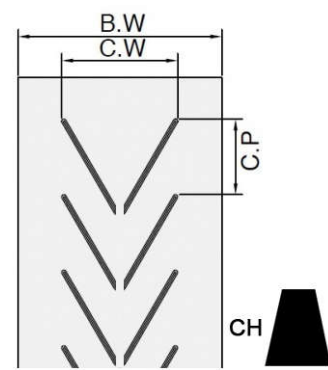
Type No.: 6V

CH (mm)	C.W (mm)	C.P (mm)	B.W (mm)
6	300-1200	100	300-1600



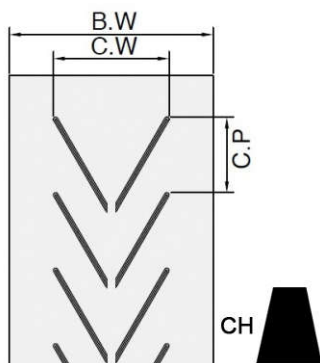
Type No.: 8V

CH (mm)	C.W (mm)	C.P (mm)	B.W (mm)
8	300-1200	100	600-1600



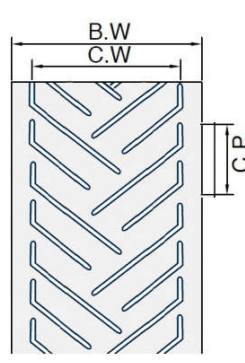
Type No.: 15V P380, open

CH (mm)	C.W (mm)	C.P (mm)	B.W (mm)
15	380	250	400-850



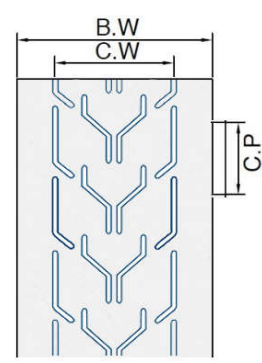
Type No.: 15V P600, open

CH (mm)	C.W (mm)	C.P (mm)	B.W (mm)
15	600	250	700-1200



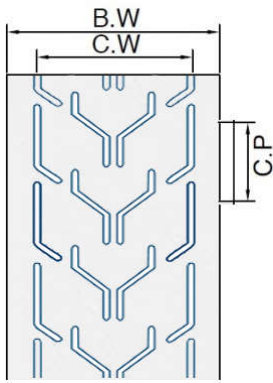
Type No.: 15V P750

CH (mm)	C.W (mm)	C.P (mm)	B.W (mm)
15	750	300	800-1200



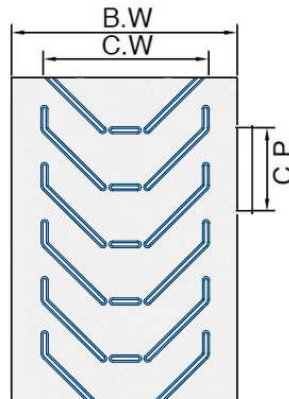
Type No.: C17 P440

CH (mm)	C.W (mm)	C.P (mm)	B.W (mm)
17	440	330	500-650



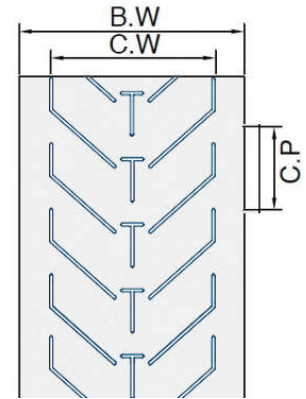
Type No.: C17 P630

CH (mm)	C.W (mm)	C.P (mm)	B.W (mm)
15	630	330	650-900



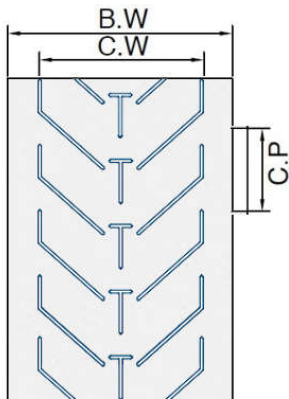
Type No.: C25 P750,open

CH (mm)	C.W (mm)	C.P (mm)	B.W (mm)
25	750	330	1000-1200



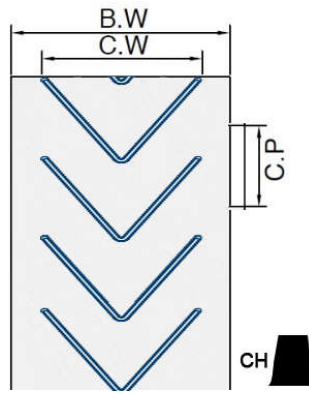
Type No.: C25 P450 closed

CH (mm)	C.W (mm)	C.P (mm)	B.W (mm)
25	450	250	500-800



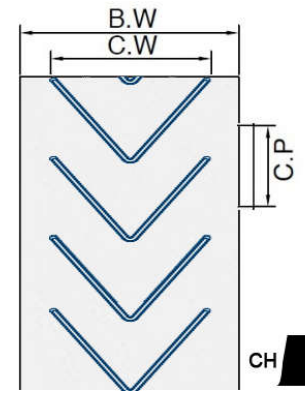
Type No.: C25 P550 closed

CH (mm)	C.W (mm)	C.P (mm)	B.W (mm)
25	550	300	600-800



Type No.: C15 V330, closed

CH (mm)	C.W (mm)	C.P (mm)	B.W (mm)
15	330	250	400-650



Type No.: C15 V450 closed

CH (mm)	C.W (mm)	C.P (mm)	B.W (mm)
15	450	300	500-800

*If there are any other special requirements of chevron, please feel free contact us.

Flame Retardant Conveyor Belt

Characteristic

The flame retardant conveyor belt with unique formula and special treatment of carcass; And the belt common used in underground mining or conveying flammable materials.

Application

Our flame retardant conveyor belt is widely used in foundry, mining plant, cement plant, iron ore and steel mills, etc.

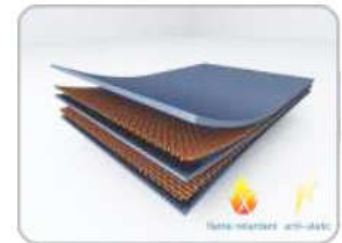
Specification

Rubber cover

	Tensile Strength (MPA)	Elongation at break (%)	Abrasion (mm ³)
Data	≥14	≥350	≥250
	≥18	≥400	≥200
	≥20	≥400	≥180

Safety property

Standard	Mine Safety and Health Administration
	DIN-EN-14973(A, B1, B2, C1, C2)
	CSA-M422-12
	SABS
	AS4606
	JIS-K-6324



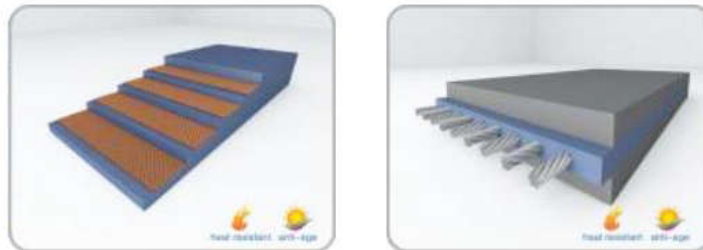
Heat Resistant Conveyor Belt

Characteristic

The heat resistant conveyor belts are specially used to convey the high-temperature materials; it has excellent heat resistant ability, and could keep excellent ageing resistance under the severe environment in the high temperature conveying process.

Application

Metallurgy industry, cement plant, fertilizer factory and high-temperature working condition.



Features

EPDM rubber is used as the covering layer, and the skeleton material is made of domestic special high temperature resistant canvas, with a unique formula design. It has the characteristics of light weight, long service life (about 2-4 times), and good heat resistance.

Temperature Range

Temperature of belt surface (°C)	100	125	150	180
Average temperature of materials (°C)	120-130	130-140	140-190	190-220
Peak temperature of materials (°C)	Incandescent point	150	200	200-300



Oil Resistant Conveyor Belt

Application

EVER BRIGHT oil resistant conveyor belt is used in greasy working condition, conveying oily materials such as mineral oil, vegetable oil, and animal oil, organic solvent in food processing plants or chemical factories.

Data Specification

After the aging test (70Deg, 168hrs), the cover rubber rate of “tensile strength at breaking” and “elongation at breaking” change is not more than 25%.

Grade	Breaking Strength (Mpa)	Elongation at Break (%)	Abrasion (mm ³)
L	≥14.0	≥350	≤200
D	≥16.0	≥350	≤160

Remark: L – under the general oil resistant condition;
D – under the high abrasion and oil resistant condition.



Optional Item

Meet standard MOR (medium oil resistant), OR (oil resistant)

- MOR belt only require certain oil resistance grade.
- OR belt is used in condition which requires a very high oil resistance grade.

Technical Sheet

Type	Operating Temperature (°C)	Oil Type	Oil Resistant Data (72 hrs)
MOR	-30 - +70	Mineral oil, organic solvent	Distensibility≤20%
OR	-30 - +70	Vegetable oil, animal fat	Distensibility≤5%

Oil Resistant Testing

Item	Testing Condition (°C)	Time (hr)	Volume change rate (%)	
			L	D
1	70±2	70±1	+20	-5
2	70±2	70±1	+50	+6
3	100±2	22	+50	+6

*The above data is only for reference. The actual belt test rate may be different.

Sidewall Conveyor Belt

Data Specification

1. Belt core material: NN; EP; ST;
2. Width: 300-2400mm
3. Ply: 2-10
4. Cover Rubber: Top: 1.5-10mm; Bottom: 1.5-10mm

Belt Core of Raised Edge Conveyor Belt

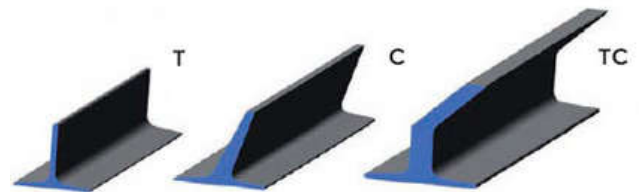
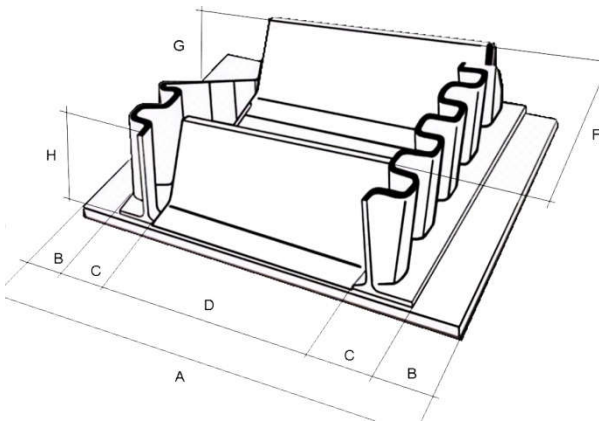
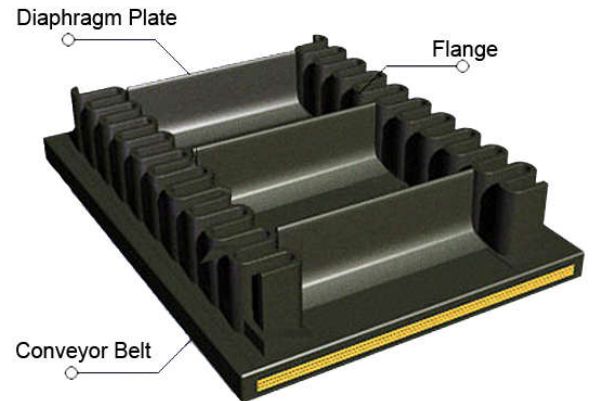
Nylon: NN100; NN150; NN200; NN300; NN400, etc

Polyester: EP100; EP150; EP200; EP300; EP500, etc

Steel Cord: ST630-ST6000

Edge height (mm): S80; S100; S120; S160; S200; S400, etc

Height of diaphragm plate (mm): TC75; TC90; TC140; TC220; TC380, etc



Cold-Resistant Conveyor Belt

Characteristic

The cold-resistant conveyor belt is specially designed for the cold material and working environment, such belt can still keep normally conveying the materials in an environment below -40°C .

Application

According to its cold resistance, it is divided into two levels: C1 and C2. The working temperature for C1: -40 - 50°C ; C2: -60 - 50°C .

Belt Core type: NN100; NN150; NN200; NN250; NN300;

NN350; NN500, etc.





Minimum Pulley Diameter

Fabric	Strength	Fabric piles corresponds to the pulley diameter (mm)								
		2	3	4	5	6	7	8	9	10
EP	EP100	200	250	315	400	500	630	800	/	/
	EP125	200	250	315	400	630	800	1000	/	/
	EP150	250	315	400	630	800	1000	1250	/	/
	EP200	315	500	630	800	1000	1250	1400	/	/
	EP250	400	630	800	1000	1250	1400	1600	/	/
	EP300	500	630	800	1000	1250	1400	1800	/	/
	EP350	630	800	1000	1250	1400	1600	1800	/	/
	EP400	630	800	1000	1250	1400	1600	1800	/	/
	EP500	1000	1250	1400	1600	1800	2200	2400	/	/
	EP630	1250	1400	1600	1800	2200	2600	2800	/	/
NN	NN100	200	250	315	400	500	630	800	1000	1250
	NN125	200	250	315	400	500	630	800	1000	1250
	NN150	200	250	315	400	500	630	800	1000	1250
	NN200	250	315	400	500	630	800	1000	1250	1400
	NN250	315	400	500	630	800	1000	1250	1250	1400
	NN300	400	500	630	800	1000	1250	1400	1400	1600
	NN350	500	630	800	1000	1250	1250	1400	1600	1600
	NN400	500	630	800	1000	1250	1400	1600	1800	1800
	NN500	800	1000	1250	1400	1600	1800	2000	2200	2200
NN630	1000	1250	1400	1600	1800	2000	2200	2400	2600	

**The above data is for reference only, if any question or special requirement, please kindly inform.)*

**The data is general used for textile conveyor belt, cannot be used for ST conveyor belt.*

Steel Cord Conveyor Belt

Characteristic

The steel cord conveyor belt enjoys the advantages of high tensile strength, good impact resistance, long service life, small elongation, and good bending resistance and flexibility, and it is suitable for long-distance and high-speed conveying of materials.

Application

Steel cord conveyor belt is suitable for material transportation under tear resistant conditions required industries, such as coal mines, mines, ports, power, metallurgy, and building materials



Data Specification

Belt strength: 630-5400N/mm

Belt available width: 400-2500mm

Type	ST630	ST800	ST1000	ST1250	ST1600	ST2000	ST2500	ST3150	ST3500	ST4000
Tensile Strength (N/mm)	630	800	1000	1250	1600	2000	2500	3150	3500	4000
Diameter (mm)	3	3.5	4.0	4.5	5.0	6.0	7.2	8.1	8.6	8.9
Steel Cord Pitch (mm)	10±1.5	10±1.5	12±1.5	12±1.5	12±1.5	12±1.5	15±1.5	15±1.5	15±1.5	15±1.5
Top Rubber (mm)	5	5	6	6	6	8	8	8	8	8
Bottom Rubber (mm)	5	5	6	6	6	6	6	8	8	8

Width (mm)	Number of Steel Cord									
	ST630	ST800	ST1000	ST1250	ST1600	ST2000	ST2500	ST3150	ST3500	ST4000
800	75	75	63	63	63	63	50	50	50	/
1000	95	95	79	79	79	79	64	64	64	64
1200	113	113	94	94	94	94	76	76	77	77
1400	133	133	111	111	111	111	89	89	90	90
1600	151	151	126	126	126	126	101	101	104	104
1800	/	171	143	143	143	143	114	114	117	117
2000	/	/	159	159	159	159	128	128	130	130
2200	/	/	/	/	/	176	141	141	144	144
2400	/	/	/	/	/	193	155	155	157	157

*The thickness of cover rubber, diameter of steel cord and pitch of steel cord can be customized made according to the client's requirement.

Steel Cord Conveyor Belt

Adhesive

Strength	Adhesive of Steel Cord		Strength	Adhesive of Steel Cord	
	Before aging	After aging		Before aging	After aging
ST630	60	55	ST3150	140	130
ST800	70	65	ST3500	145	140
ST1000	80	75	ST4000	150	145
ST1250	95	90	ST4500	165	160
ST1600	105	95	/	/	/
ST2000	105	95	/	/	/
ST2500	130	120	/	/	/

Minimum Pulley Diameter

Item	ST630	ST800	ST1000	ST1250	ST1600	ST2000	ST2500	ST3150	ST3500	ST4000	ST4500
Minimum pulley diameter (mm)	500	500	630	800	1000	1000	1250	1400	1600	1600	1600





Ever Bright Rubber & Plastic Co., Ltd
No.181, South Xiufu Road, Jianhu Country, YanCheng City, China.
Email: info@everbrightco.com
<http://www.everbrightco.com>

