



Product Description:

Polyester conveyor belt (EP conveyor belt), which is widely used in areas of coal, mining, sea port, metallurgy, power plant, chemical, etc. for materials conveying. Characteristics: high tension, thin body, light duty; use dipped EP fabric for carcass; high flexibility, good troughability, high elasticity; excellent impact resistance, abrasion resistant, corrosion preventive; suitable for medium & long-distance and heavy-load transportation of materials at high speed; run smoothly & no off tracking.

Specification and Technical Parameter of Polyester Multi-ply Fabric Conveyor Belt

Fabric type	Fabric Texture		Fabric Type	Fabric Thickness (mm/p)	Strength Series(N/mm)			Thickness of Cover Rubber (mm)		Width Range (mm)
	Warp	Weft			2 ply	3 ply	4 ply	Top Cover Rubber	Bottom Cover Rubber	
Polyester (EP)	Polyester (EP)	Polyamide (P)	EP-80	1.00	160	240	320	0 ~ 12	0 ~ 10	300 ~ 6000
			EP-100	1.00	200	300	400			
			EP-125	1.05	250	375	500			
			EP-150	1.10	300	450	600			
			EP-170	1.10	340	510	680			
			EP-200	1.20	400	600	800			
			EP-250	1.40	500	750	1000			
			EP-300	1.60	600	900	1200			
			EP-350	1.70		1050	1400			
			EP-400	1.90			1600			
EP-500	2.10			2000						

The adhesive strength, extension performance conforms to the table below

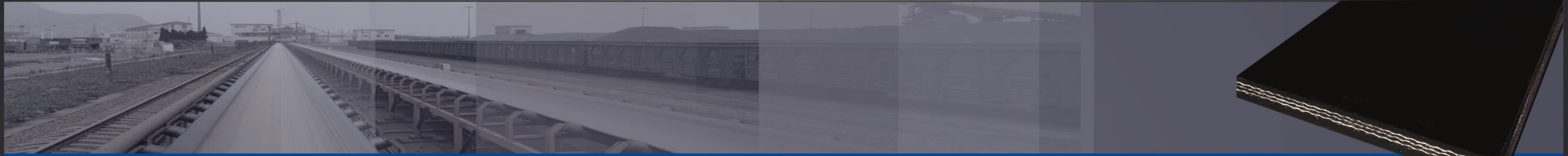
Adhesion and Elongation Property

Belt Core Material	Bonding Strength			Elongation	
	Between Plies (N/mm)	Between Cover and Fabric Ply N/mm		Longitudinal Elongation at Break s ≥	Longitudinal Reference Force Elongation % ≤
		Thickness of Cover Layer ≤ 1.5mm	Thickness of Cover ≥ 1.5mm		
Polyester canvas	≥ 5	≥ 4.5	≥ 5	≥ 10%	≤ 4%

Tape the coverage performance conforms to the table below

Classification of Cover Rubber as follows

Cover Grade	Tensile Strength ≥		Elongation at Break ≥	Wear Loss ≤	Tensile Strength and Elongation at Break after Aging
	Mpa	Kgf/cm ²			
M	24	240	450	125	-25 ~ +25
W	18	180	400	90	-25 ~ +25
Z	15	150	350	200	-25 ~ +25



Product Description:

NN Conveyor belt has the characteristics of thin structure, high strength, crack resist, good troughability, high adhesion, excellent flex and long life etc. Suitable for the medium or long distance conveying under high speed and heavy loading. Widely used for the conditions like mine, coal yard, chemical industry, metallurgy, construction, port etc.

Features: 1. The belt has good elasticity, crack resistant, abrasion resistant. 2. Excellent flex, good troughability. 3. Non-mildew, non-corrosion.

Specification and Technical Parameter of Nylon Multi-ply Fabric Conveyor Belt

Fabric type	Fabric Texture		Fabric Type	Fabric Thickness (mm/p)	Strength Series (N/mm)					Thickness of Cover Rubber (mm)		Width Range (mm)
	Warp	Weft			Two layer	Three layer	Four layer	Five layer	Six layer	Top Cover Rubber	Bottom Cover Rubber	
Nylon (NN)	Nylon (NN)	Nylon (NN)	NN-100	1.00	200	300	400	500	600	0 ~ 12	0 ~ 10	300 ~ 6000
			NN-125	1.05	250	375	500	625	750			
			NN-150	1.10	300	450	600	750	900			
			NN-200	1.20	400	600	800	1000	1200			
			NN-250	1.40	500	750	1000	1250	1500			
			NN-300	1.60	600	900	1200	1500	1800			

The adhesive strength, extension performance conforms to the table below

Adhesion and Elongation Property

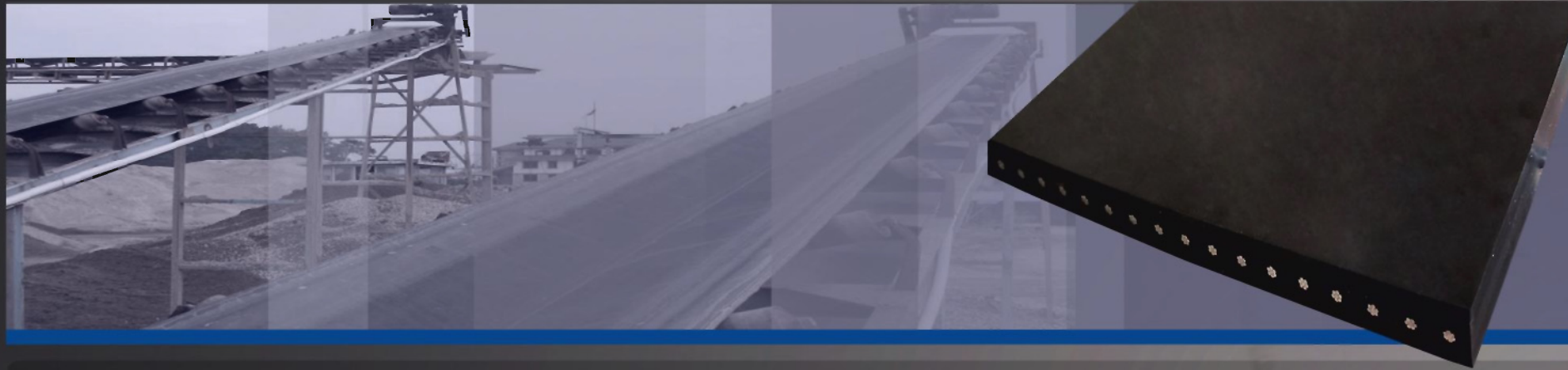
Belt Core Material	Bonding Strength			elongation	
	Between Plies (N/mm)	Between Cover and Fabric Ply N/mm		Longitudinal Elongation at Breaks \geq	Longitudinal Reference Force Elongation $\% \leq$
		Thickness of Cover Layer $\leq 1.5\text{mm}$	Thickness of Cover $> 1.5\text{mm}$		
Polyester canvas	≥ 5	≥ 4.5	≥ 5	$\geq 10\%$	$\leq 4\%$

Tape the coverage performance conforms to the table below

Classification of Cover Rubber as follows

Cover Grade	Tensile Strength \geq		Elongation at Break \geq	Wear Loss \leq	Tensile Strength and Elongation at Break after Aging
	Mpa	Kgf/cm ²	%	mm ³	%
M	≥ 24	≥ 240	≥ 450	≤ 125	-25 ~ +25
W	≥ 18	≥ 180	≥ 400	≤ 90	-25 ~ +25
Z	≥ 15	≥ 150	≥ 350	≤ 200	-25 ~ +25

Steel Cord Conveyor Belt



Product Description:

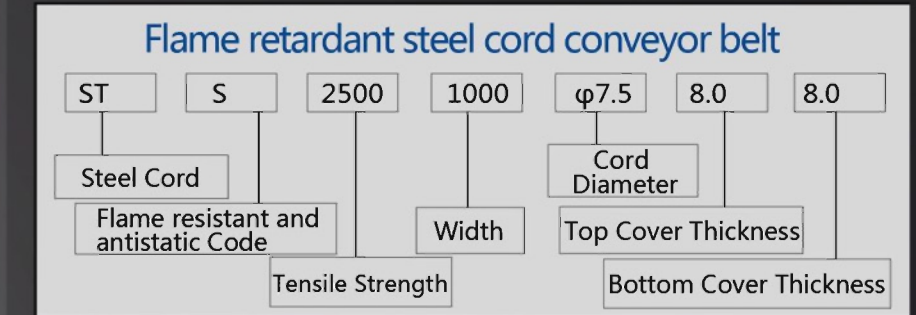
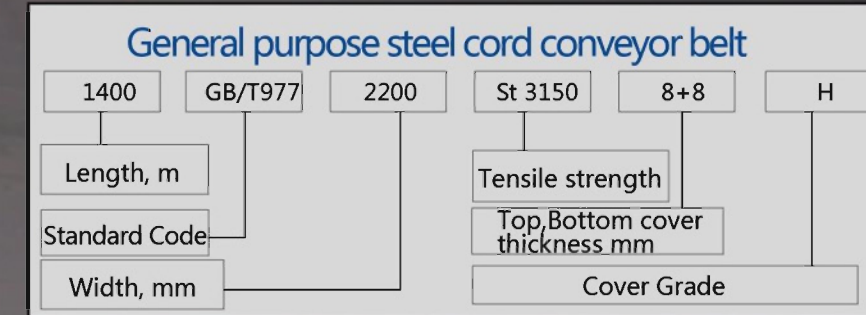
It is produced by steel cord as carcass, with high tensile strength, wear resistant, long lifetime, low elongation, good troughability, it can be used in long distance, high speed transportation. It makes up of skim rubber, steel cord, cover rubber and edge rubber.

Characteristic:

1. High tensile strength, high safety factor.
2. low elongation, low tension.
3. Good adhesion.
4. Belt soft, good troughability.

Adhesion of steel cord

Strength	ST600	ST800	ST1000	ST1250	ST1600	ST2000	ST2500	ST3150	ST4000	ST4500	ST5000	ST5400	ST6300
Adhesion N/mm GB9770-88	54	60	64	69	74	84	98	108	118				
Adhesion N/mm DIN22131-88	60	70	80	95	105	105	130	140	145	150	165	175	180



Cover glue performance level

DIN22131 Standard

Level code	The tensile strength Mpa \geq	Elongation at failure % \geq	Abrasion quantity mm ³ \leq
D	18	400	90
H	25	450	120
L	20	400	150
P	14	350	200

Note: D - strong abrasion working conditions; H - strong cross crack under the working conditions; L - general working conditions; P - oil resistant, heat resistant, acid and alkali resistant, cold resistant and general flame retardant conveyor belt

Cover glue performance level

DIN22131 Standard

Performance level	The tensile strength	Pull a tensile rate	Abrasion quantity \leq mm ³
W	18	400	90
X	25	450	120
Y	20	400	150
K*	20	400	200

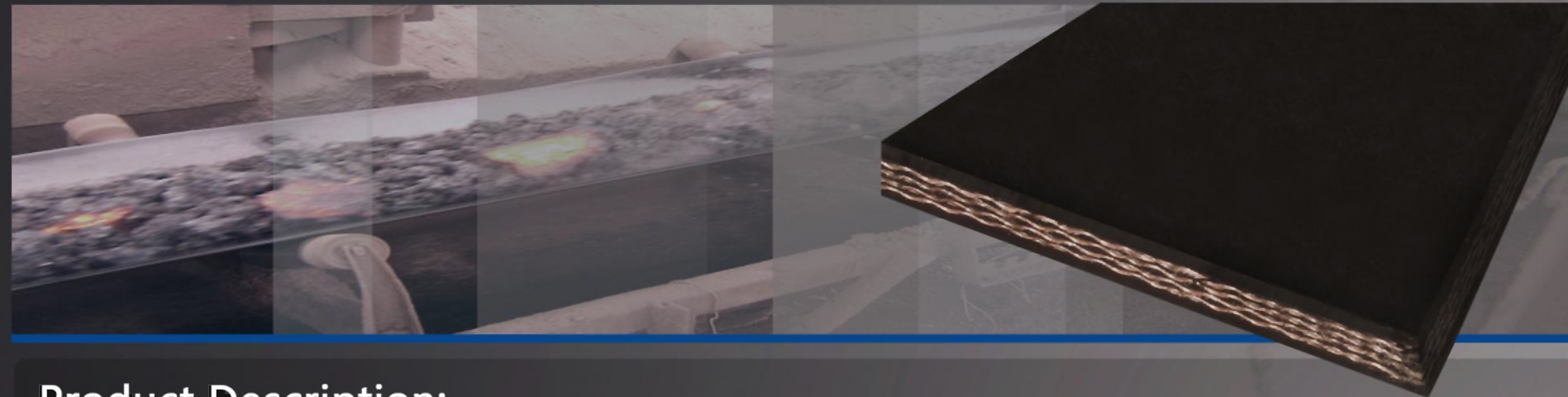
Note: * adapted to conform to the DIN22103 general flame retardant conveyor belt, the rubber cover meets the requirement of DIN22104.

Main Technical Data

Execution standard GB/T9770 International

Item	Width mm						Min. Pulley Diameter mm
	800	1000	1200	1400	1600	1800	
St630	75	95	113	133	151		500
St800	75	95	113	133	151	171	500
St1000	63	79	94	111	126	143	630
St1250	63	79	94	111	126	143	800
St1600	63	79	94	111	126	143	1000
St2000	63	79	94	111	126	143	1000
St2500	50	64	76	89	101	114	1250
St3150	50	64	76	89	101	114	1400
St3500	50	64	77	90	104	117	1600
St4000	50	64	77	90	104	117	1600

Heat Resistant Conveyor Belt



Product Description:

The belt carcass comprise of EP fabric with high modulus, low shrink, and high breaking tensile strength. Cover rubber of this product uses EPDM rubber or SBR rubber that has very good high temperature resistance.

Features:

Suitable for conveying coke, cement, clinker, soda ash , and hot casting etc.

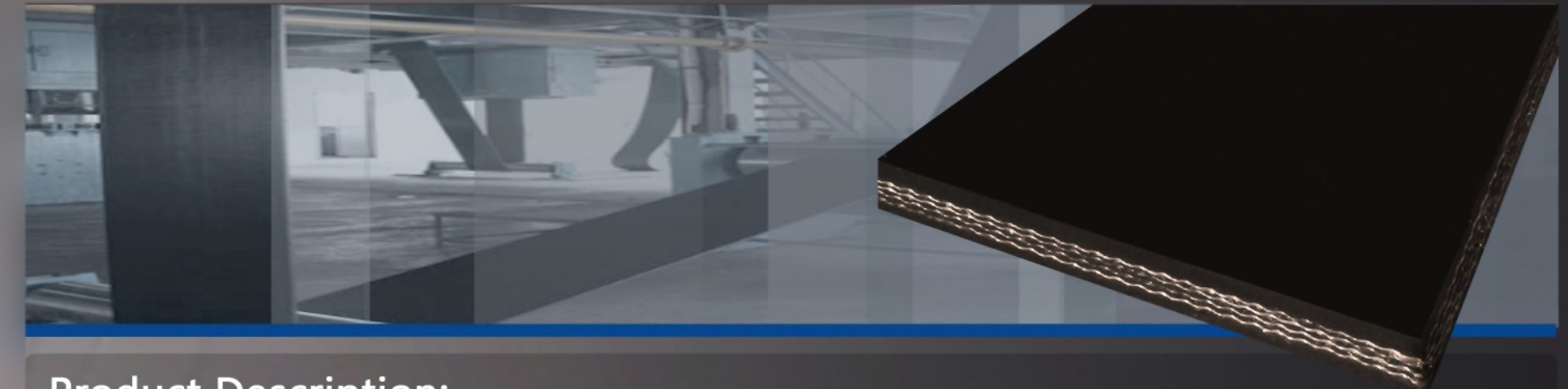
Physical property indexes

Execution standard : GB/T 20021-2005

Item		Class			
		T1	T2	T3	T4
Hardness		Test temperature			
		≤100°C	≤125°C	≤150°C	≤175°C
The tensile strength		Change range allowed			
		+20	+20	±20	±20
The difference between the former after the aging		85	85	85	85
The maximum value after aging		-25	-30	-40	-40
The performance rate / %		12	10	5	5
After aging the lowest Mpa		-50	-50	-55	-55
After aging rate / %		200	200	180	180
After aging the lowest /%					

Fire Resistant Conveyor Belt

Shelron Enterprises



Product Description:

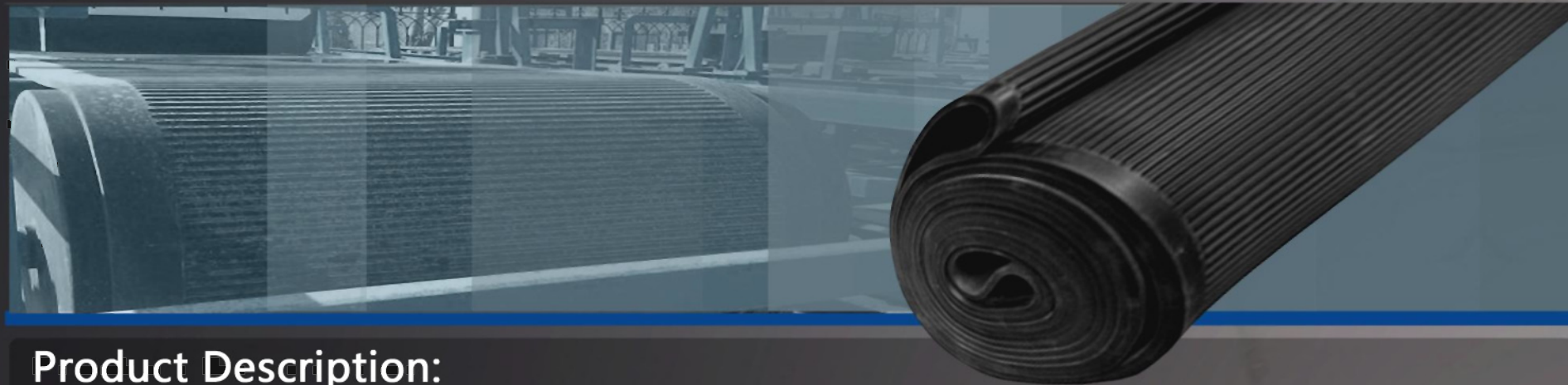
Fire Resistant conveyor belt produced with, Nylon carcass/EP carcass material, suitable for conveying materials that require a flame resistant and static conductive belts in power, chemical, light, metallurgical and grain processing industries, under the condition of flammable or explosive environment above coal mines.

Cover Type	Standards	Minimum Tensile Strength (MPA)	Minimum Elongation (%)	Abrasion	Material Covered
Fire Resistant	SANS-F	17	350	180	Material with fire hazards, e.g. Coal
	IS-1891(FR Grade)	17	350	200	
	ISO-340(FR Grade)	17	350	180	
	AS-F(FR Grade)	14	300	200	
	AS-1332(FR Grade)	14	300	200	
	DIN S Grade	17	350	180	
	DIN K Grade	17	400	200	
	MSHA-FR	17	350	200	
	CAN/CSA (FR Grade)	17	350	200	

•Cover rubber property

	Tensile Strength	Elongation	Abrasion
Fire Resistant	≥18	≥450	≤200
	≥14	≥400	≤250

Filter Conveyor Belts



Product Description:

Filter Belt can realize continuous washing, filtration, and dry cloth, regeneration, It has the characteristics of high filtration rate, large production capacity, good washing effect, low cake moisture, flexible operation and so on. The conveyor belt is a complete set of belt vacuum dewatering machine, Widely used in chemical industry, especially fertilizer production of continuous filtration dehydration, dehydration of aluminum hydroxide, coal mud, metal ore, flotation of metal and comprehensive utilization, mining tailings and other mining industry production, especially in the electric power industry of flue gas desulfurization gypsum, water and sewage of solid-liquid separate of environmental protection engineering.

Ripstop Conveyor Belt



Product Description:

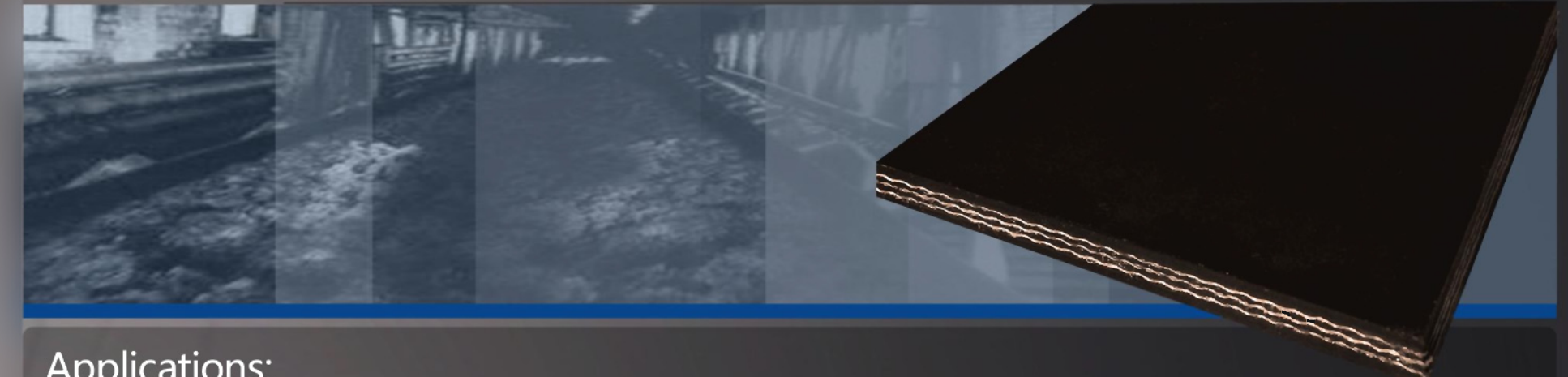
• Rip stop conveyor belt is mainly used to prevent the belt from penetrating or cut due to outside force factor during the conveying that cause risk of belt damage or broken. Rip stop conveyor belt provides a special rip stop breaker inserted in top cover, this rip stop breaker has different material and specification that meet various conveying design requirement.

Features

- § Good troughing index
- § Good flexibility without increasing pulley diameter
- § Rip stop material
- § Steel cord
- § Kevlar fabric

Oil Resistant Conveyor Belt

Shelron Enterprises



Applications:

Oil resistant conveyor belt has good oil resistance and organic solvent resistance. It is fit for carrying materials including oil and organic solvent.

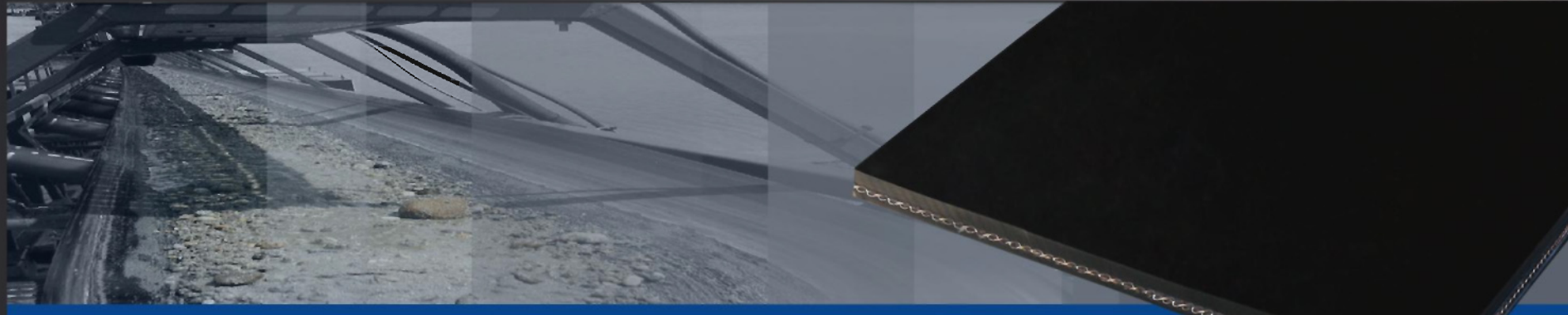
Characteristics:

Cover rubber is NBR which has good oil resistance According to consumer's ordering we choose strengthen material.

Major variety and oil resistance :

	Tensile Strength	Elongation at Break	Maximum Abrasion Loss	Polymer Rubber	Working Temperature
	mpa	% min	Mm3		Degree Centigrade
OR	15	300%	150	NBR Blended	-30 to +60
MOR	12	300%	300	NBR Blended	-30 to +50
OHR	15	400%	180	NBR Blended	

Straight Warp Conveyor Belt



Product Description:

• Application:

Single-ply Belting possesses a unique straight-warp carcass, unlike Conventional crimp weave fabrics. The carcass developed is a total departure from the traditional plies belt concept and constructions. It is designed to carry a large capacity of material and has Superior endurance performance in rugged environment.

Features:

The synthetic fibers yield a higher unit strength and exceptional to abrasion, cutting and snagging. The construction of sing-ply increases resistance to flexural fatigue and impacts. Its troughability is much better than a normal fabric. It provides high-carrying capacity and very low stretch. The elongation is approx. 0% at 10% load, hence the belt can be used for long distance conveyor line.

Single-Ply Straight Warp Fabric :

Tension Rating (PIW)	175	220	280	330	440
Fabric Type	SW315	SW400	SW500	SW630	SW800
Thickness	0.098 in.	0.100 in.	0.110 in.	0.118 in.	0.142 in.

Cross Stabilized Conveyor Belt **Shelron Enterprises**



Product Description:

• DESIGN

It is based in the following main components:

- (1) Cross-stabilized Base Belts
- (2) Sidewalls
- (3) Cleats

Sidewall Conveyor belt has been designed with two corrugated sidewalls and cleats molded to cross-rigid base belt can carry heavy product loads up to the inclined angle of 75°. This belt is popular to be used where space where space is at a premium and steep incline angles are desired.

The Base Belt :

The base belt is designed to bend efficiently in a longitudinal direction and has greater rigidity in a transverse direction by utilizing reinforced fabrics with monofilament the creates a fabric carcass of high tension.

Features:

It can be deflected from the horizontal to an incline or vertical and back again without bowing or sagging. These deflection points as well as the belt returning on free lateral space by snub idlers definitely require the corss-rigidity of the base belt. The designed mno-filament fabrics provide better returnside support, no wear and tear of cleat and cover rubber is available with various compounds like abrasion resistance oil, heat, flame resistance.

Base Belt Type:

Belt Composition:

X=Cross-Stabilized Construction

E=Polyester Tension Plies

+1=One Ply of Cross-Stabilized

+2=Number of Separate Cross-Stabilizing Plies

Construction:

XE+2:is a multiply construction with cut edges based upon carcass of EP fabric and one monofilament ply on each side of the EP carcass integrated into the upper and lower cover.

Rough Conveyor Belt



• Rough top conveyor belt

Comprise two or three ply with cut edges, carcass of NN/EP fabric, With the top covers made using wear-resistant rubber featuring non-slip surface, used for transporting light weight goods, such as sacks, boxes and parcels, on inclined surface at angles of 35°. Top cover is made of wear-resistant rubber with a non-slip surface. It has a cushioning effect, mollifies and absorbs vibrations and impacts given on transported materials and simultaneously prevents slipping.

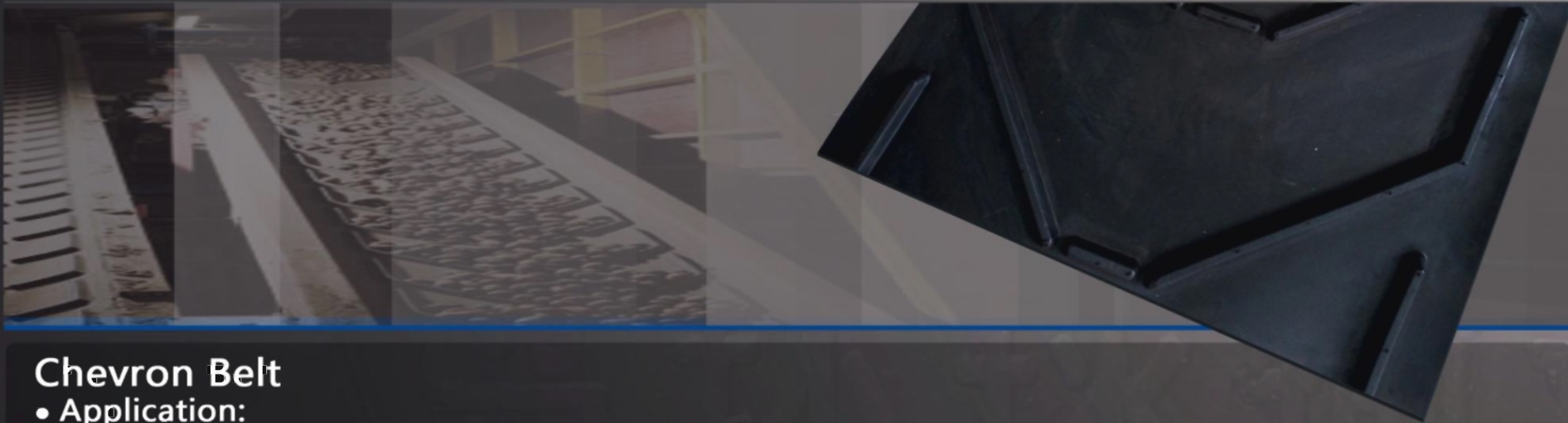
Benefits

• Provides excellent grip between belt top and packages, such as cartons, jute packages • Black cover for utility applications

Common Uses

• Used in transportation of light weight goods on inclined surfaces. • Package handling, labeling

Chevron Conveyor Belt



Chevron Belt

• Application:

There are open type and closed type, suitable for bulk or bagged materials such as powder and granule with incline less than 45 C.

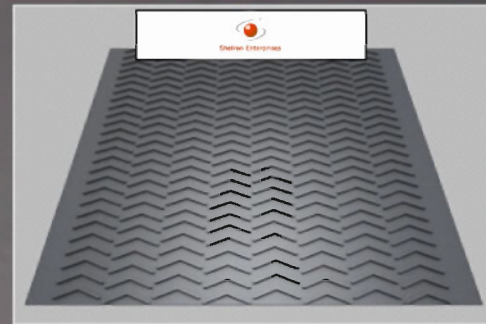
• Technical Data of Rubber Cover:

Tensile Strength: $\geq 10\text{Mpa}$ Elongation at Break: $\geq 350\%$ Adhesive strength between carcass: $\geq 4.5 \text{ N/mm}$
 Adhesive strength between cover and carcass: $\geq 5.5\text{N/mm}$ Elasticity: $\geq 32\%$ Abrasion: $\leq 200\text{mm}^3$
 Cannot list all types of pattern, for more information, please feel free to contact with us.

C5-C12 Chevron Belt

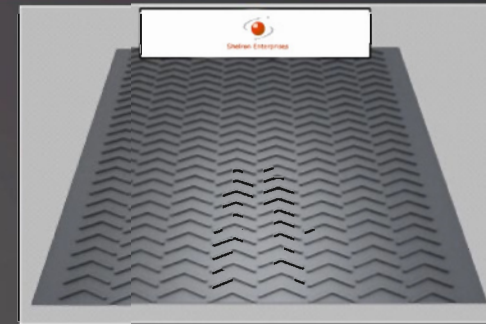
No. 19 V6

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
6	1240	25	≤ 1219



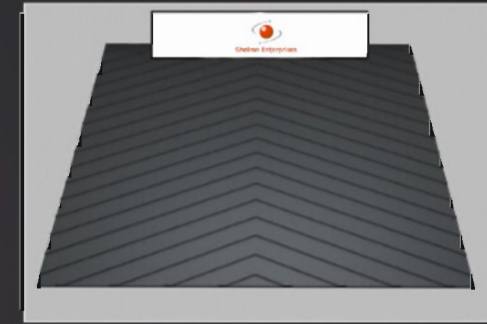
No. 20 V6

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
6	2309	25	1200-2300



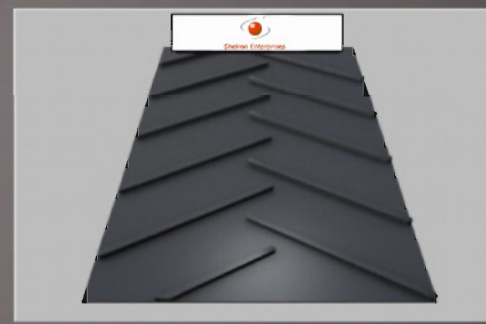
No. 8 C5

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
5	1400	100	≤ 1200



No. 11 C12.7

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
12.7	914.4	200	≤ 1300



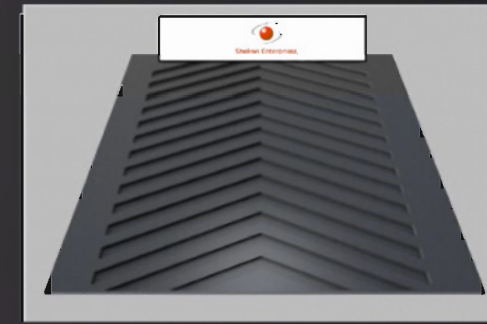
No. 18

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
3	610	43.7	650-1200



No. 17

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
-2	520	24.6	600-1200



C15 Chevron Belt

No. 2 Open V C15

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
15	580	250	600-1200



No. 3 Open V C15

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
15	520	200	600-1200



No. 6 Open V C15

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
15	300	146	400-1200



Chevron Conveyor Belt

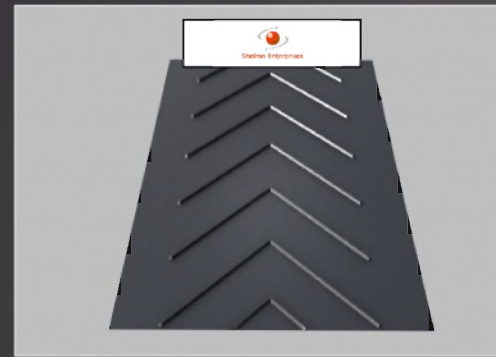
No. 12 Open V C15

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
15	385	256	400-1200



No. 9 Closed V C15

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
15	800	300	850-1200



No. 16 closed V C15

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
15	450	250	500-1200



No. 14 closed V C15

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
15	600	250	650-1200



No. 15 closed V C15

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
15	550	250	600-1200



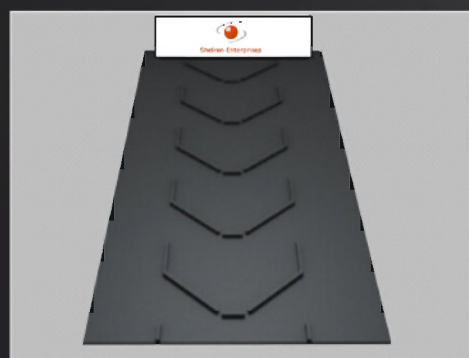
No. 13 closed V C15

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
15	750	250	800-1200



No. 7 Open U C15

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
15	435	320	500-1200



No. 22 Open U C15

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
15	450	160.9	500-1200



No. 5 C15

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
15	730	300	800-1200



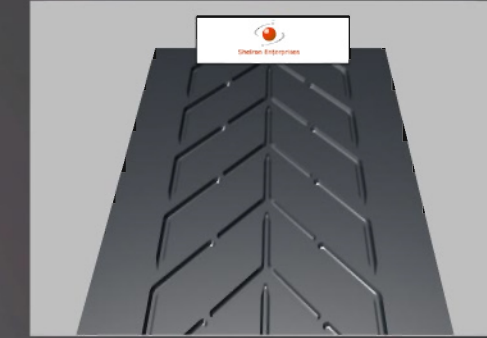
No. 28 Open U C15

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
15	540	181.9	600-1200



No. 31 Open U C32

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
32	900	330	1000-1200



No. 33 Open U C20

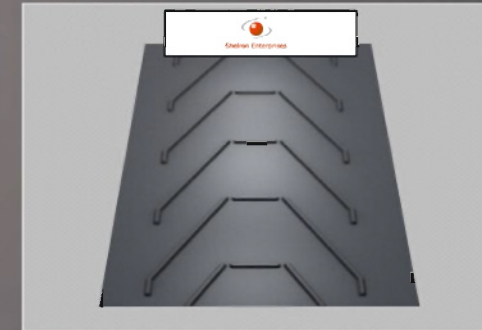
C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
20	510	250	600-1200



C25 Chevron Belt

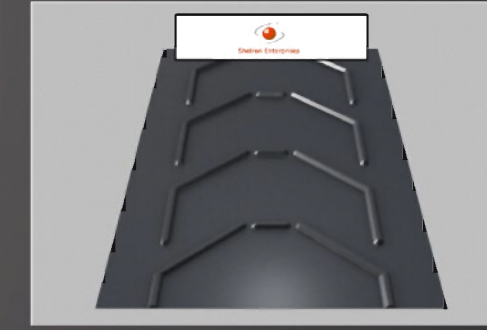
No. 23 Open U C25

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
25	750	450	800-1200



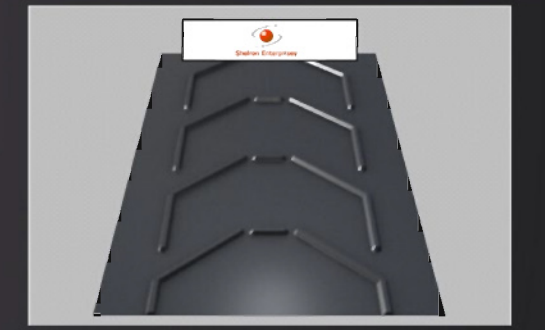
No. 24 Open U C25

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
25	450	330	500-1200



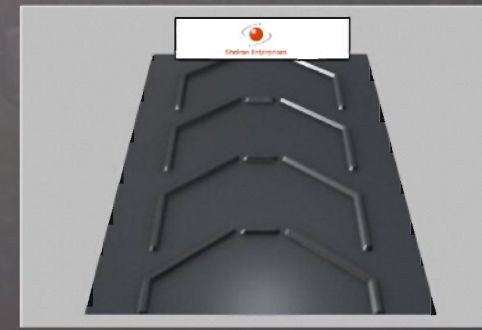
No. 25 Open U C25

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
25	550	330	600-1200



No. 26 Open U C25

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
25	750	330	800-1200



No. 39 Closed v C12.5

C. H. (mm)	C. W (mm)	C. P (mm)	B. W (mm)
12.5	1067	381	1200-2200

