

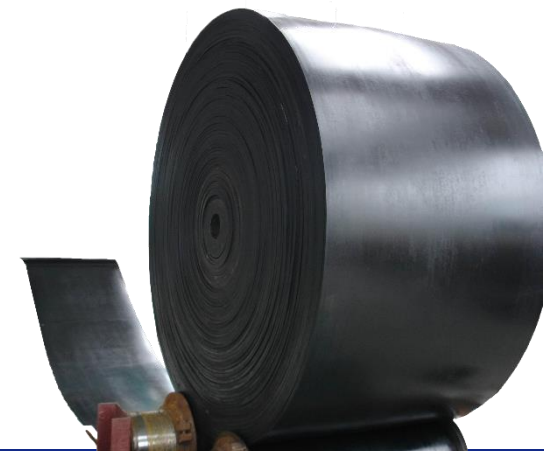


CETEC

Connect and Drive the World

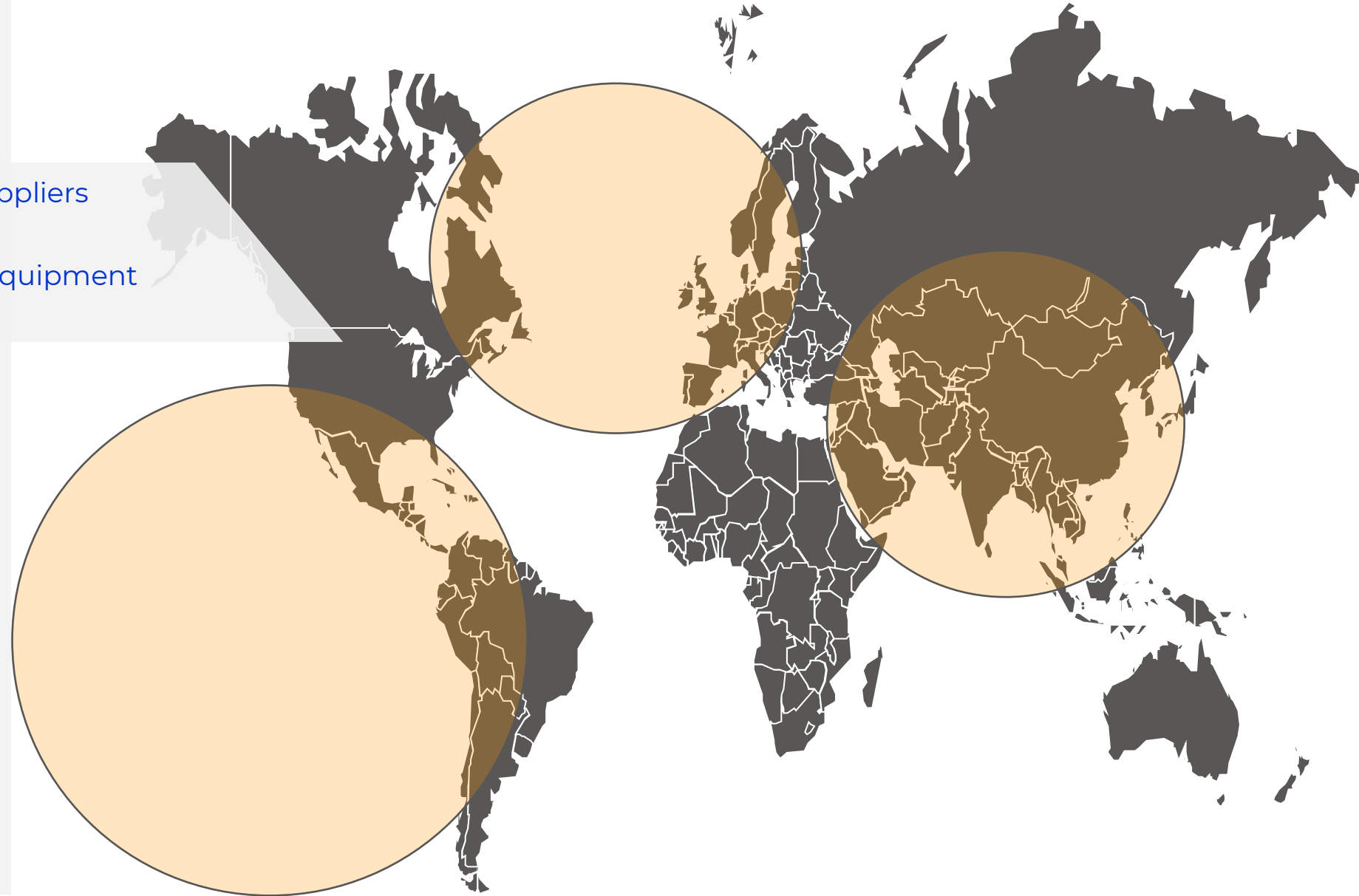
CONVEYOR BELT

SUPPLY



CONTENT

- ◆ CETEC & China Belt Suppliers
- ◆ Advanced Workshop Equipment
- ◆ Five-Star Technology
- ◆ Top Raw Materials
- ◆ Product
- ◆ Complete Service
- ◆ Project
- ◆ Achievements



Advantages of Belting Supply from China

Chinese belt manufacturers provide OEM to **Metso, Dunlop, Goodyear, Contitech, Pheonix** company with **International Code DIN/ISO/AS/SANS/JIS** etc.

Both China Made **International Brand and China Top Brand** Available

Annual production capacity is around **100 million m²**
Plied textile belts (**EP, NN**, CC and Aramid),
Solid woven belts (**PVC, PVG**, PVNi, and PYNA),
Steel Cord (**ST**) Belt

Heat resistant belts, Cord Resistant Belt, Tube belts, etc.

Cost Savings:

- Economy of scale
- Low materials cost in China (for both rubber and structural materials)
- Lower cost of resources in China (labor, material chain, etc)
- Severe domestic market competition
- Professional Advice from Belt Conveyor Designer and User.

- Integrated Solution Provider in **Bulk Material Handling and Cement**
- Professional Technical Team for **International Projects**
- **Customized & Optimized** Conveyor Solution

The logo for CETEC, featuring the word "CETEC" in a bold, white, sans-serif font. The letters "C", "E", and "T" are contained within a dark blue rectangular box, while the letters "E", "C", and "C" are positioned to the right of the box, overlapping its right edge.

PARTNER

- World's Largest Rubber Producer
- Best Selection in Different Conditions
- Complete Solution for Cement , Mining, Port Industry



Advanced Workshop Equipment



Core knitting machine -UK Wilson



Core knitting machine -GER Jorgen



Canvas rubber thread -SPA



Core dipped plastic line - FRA



GN-400L Rubber Mixer - KRUPP



Rubber mixing microcomputer monitoring room

Five Star Technology

World's **First** T4 to 175°C heat resistant steel cord pipe belt



World's **Longest** overland conveyor system 160km



China **Largest** single roll 6m*3.2m*4m, 80tons

China's **Strongest** solid woven conveyor belt PVG3150



China produced **Widest** steel cord conveyor belt ST3500-3100mm

Top Raw Materials

Ribbed Smoked Sheets
Neoprene



Colloid



From UK & Detex
Bekaert



Framework Material



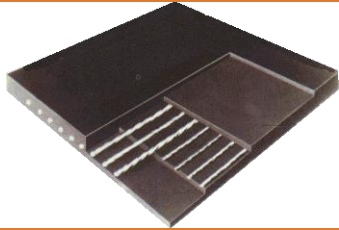
High Abrasion Resistance
Insoluble Sulfur



Auxiliaries



Product



Steel Cord Conveyor Belts



Solid Woven Conveyor Belts



Pipe Conveyor Belts



Heat Resistant Conveyor Belts



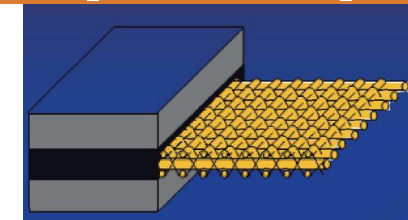
Fabric Conveyor Belts



Profiled Conveyor Belts



Profiled Conveyor Belts



Aramid Conveyor Belts

Steel Cord Belt

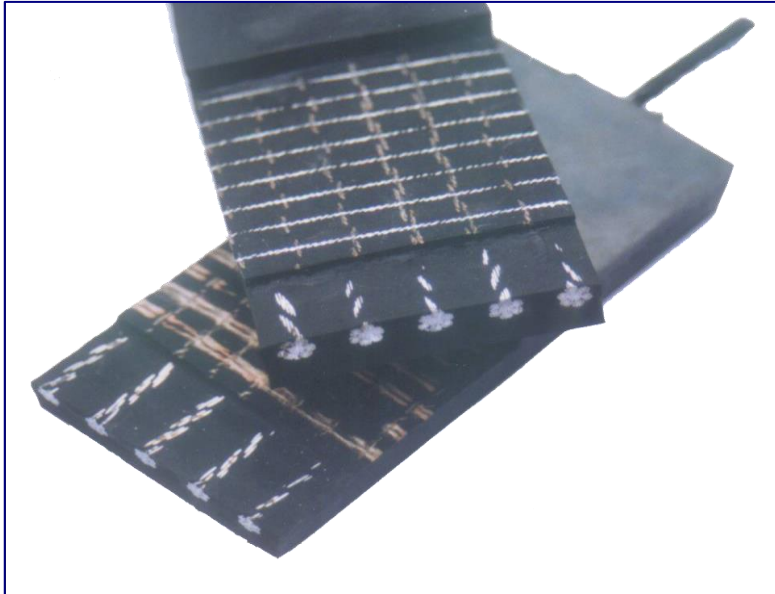


- ❖ Tensile Strength: ST500~ST7500N/mm
- ❖ Belt width : 500~2500mm
- ❖ Comply with ISO/JIS/DIN/AS/BS/RMA/GB codes



General applications Steel Cord Belt
This type of belt is for normal working conditions.

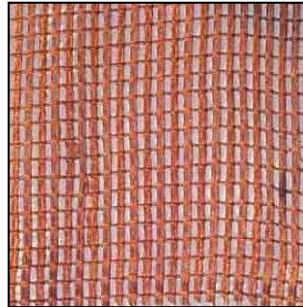
Steel Cord Belt with Rip Resistant



Steel Cords in Longitudinal direction

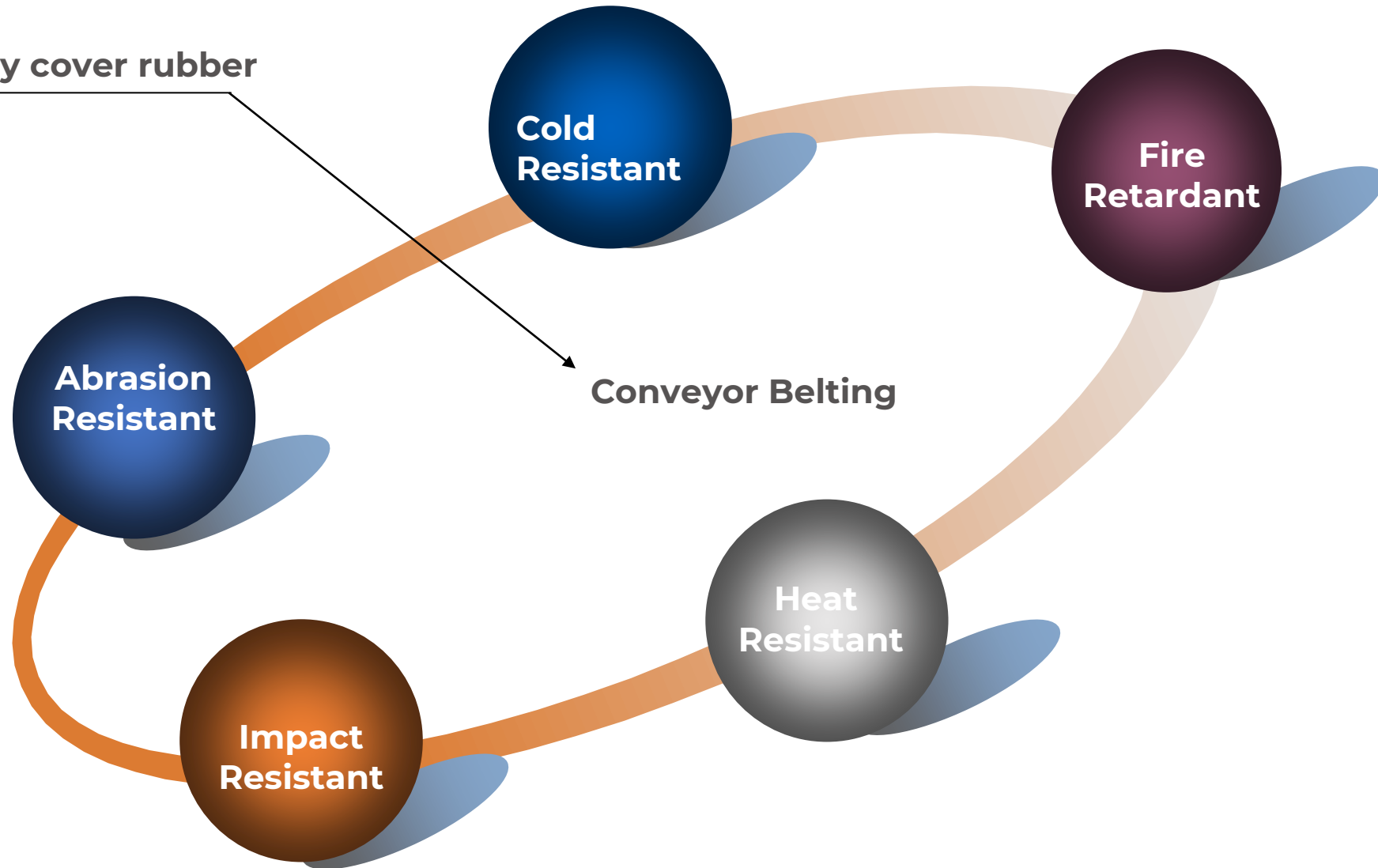
HE Steel Breaker, Strength: 125-800N/mm

Nylon Fabric Breaker, Strength: 50—80N/mm



Steel Cord Belt for Special Working Conditions

Classified by cover rubber grade



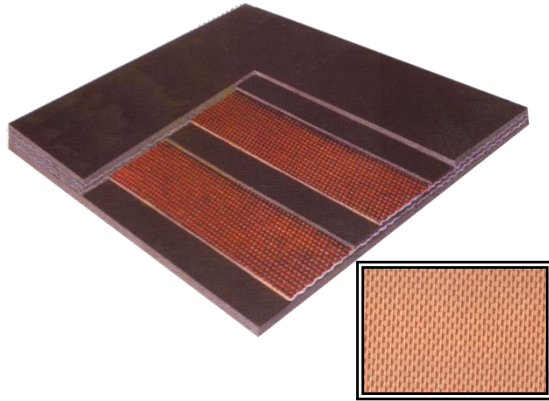
Steel Cord Belt DIN22131 , Cover Grade W-X-Y-K

Tensile Rating	ST1000	ST1250	ST1600	ST2000	ST2500	ST3150	ST3500	ST4000	ST4500	ST5000	...	
Long. Tensile $\geq n/mm$	1000	1250	1600	2000	2500	3150	3500	4000	4500	5000		
Max. Cord Dia. mm	4.1	4.9	5.6	5.6	7.2	8.1	8.6	8.9	9.7	10.9		
Supply Cord Dia.mm	3.6	4.4	5.2	5.2	6.8	7.7	8.1	8.6	9.5	10.3		
Cable pitch mm ± 15	12	14	15	12	15	15	15	15	16	17		
Min. Cover Tks mm	4	4	4	4	5	5.5	6	6.5	7	7.5		
Belt Width (mm)	Deviation (mm)	No. Of cords										
500	± 5	39	34	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
650	± 7	51	44	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
800	± 8	64	55	50	64	N/A	N/A	N/A	N/A	N/A	N/A	
1000	± 10	81	69	64	81	64	64	64	64	59	55	
1200	± 10	97	84	77	81	77	77	77	77	71	66	
1400	± 12	114	98	90	114	90	90	90	90	84	78	
1600	± 12	131	112	104	131	104	104	104	104	96	90	
1800	± 14	147	127	117	147	117	117	117	117	109	102	
2000	± 14	164	141	130	164	130	130	130	130	121	113	
2200	± 15	181	155	144	181	144	144	144	144	134	125	

Steel Cord Belt GB/T 9770-2013, Cover Grade H-D-L

Tensile Rating	ST 500	ST 630	ST 800	ST 1000	ST 1250	ST 1400	ST 1600	ST 1800	ST 2000	ST 2250	ST 2500	ST 2800	ST 3150	ST 3500	ST 4000	ST 4500	ST 5000	
Long. Tensile \geq n/mm	500	630	800	1000	1250	1400	1600	1800	2000	2250	2500	2800	3150	3500	4000	4500	5000	
Max.Cord Dia. mm	3.0	3.0	3.5	4.0	4.5	5.0	5.6	6.0	5.6	7.2	7.2	7.2	8.1	8.6	8.9	9.7	10.9	
Supply Cord Dia.mm	2.8	2.8	3.0	3.4	3.8	4.4	4.4	4.6	5.0	5.2	6.6	6.6	7.3	7.3	7.7	8.2	9.0	
Single cord tensile KN/pcs	7.6	7.0	8.9	12.9	16.1	20.6	20.6	25.5	25.6	26.2	40	39.6	50.5	56.0	63.5	76.3	91.0	
Cable pitch mm \pm 15	14	10	10	12	12	14	12	13.5	12	11	15	13.5	15	15	15	16	17	
Min.Cover Tks mm	4	4	4	4	4	4	4	4	4	4	5	5	5.5	6	6.5	7	7.5	
Belt Tks mm	10.8	10.8	11	11.4	11.8	12.4	12.4	12.8	13	13.2	16.6	16.6	18.3	19.7	21.2	23	24.8	
Refer.Weight kg/m2	15	16	16.5	17	18	19.5	20	20.5	22	23.5	29.0	30.0	32.0	35.5	38.5	42.5	47	
Belt Width mm	Deviation mm	No. Of cords																
500	+10/-5	33	45	45	39	39	34	39	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
650	+10/-7	44	60	60	51	51	45	51	46	52	56	41	46	41	41	41	39	36
800	+10/-8	50	75	75	63	63	55	63	57	63	69	50	57	50	50	50	48	45
1000	\pm 10	68	95	95	79	95	68	79	71	79	86	64	71	64	64	64	59	55
1200	\pm 10	83	113	113	94	94	82	94	85	94	104	76	85	76	77	77	71	66
1400	\pm 12	96	133	133	111	111	97	111	100	111	122	89	99	89	90	90	84	78
1600	\pm 12	111	151	151	126	126	111	126	114	126	140	101	114	101	104	104	96	90
1800	\pm 14	125	171	171	143	143	125	143	129	143	159	114	128	114	117	117	109	102
2000	\pm 14	139	191	191	159	159	139	159	144	159	177	128	143	128	130	130	121	113
2200	\pm 15	153	211	211	176	176	154	176	159	176	195	141	158	141	144	144	134	125

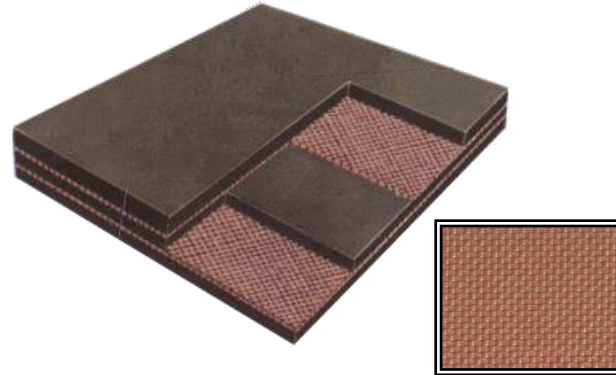
Fabric Plied Conveyor Belting



EP Plied Belting

Features:

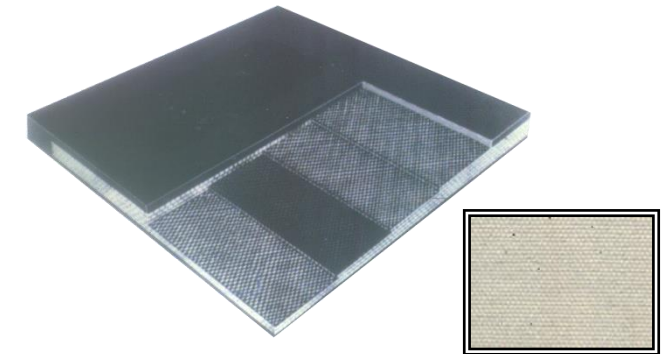
- 1.Low loading extension rate
- 2.Good flexible and abrasion resistant performance
- 3.Anti-heat and humidity, acid and alkaline-resistance



NN Plied Belting

Features:

- 1.Light and high strength of the carcass with good flexible flexor.
2. Easy to trough and track, good flexibility and impact resistant
- 3.Anti- heat and humidity, acid and alkaline-resistance



CC Plied Belting

Features:

- 1.Good tire resistant performance
2. Low extension rate
- 3.Suitable for big slope transportation

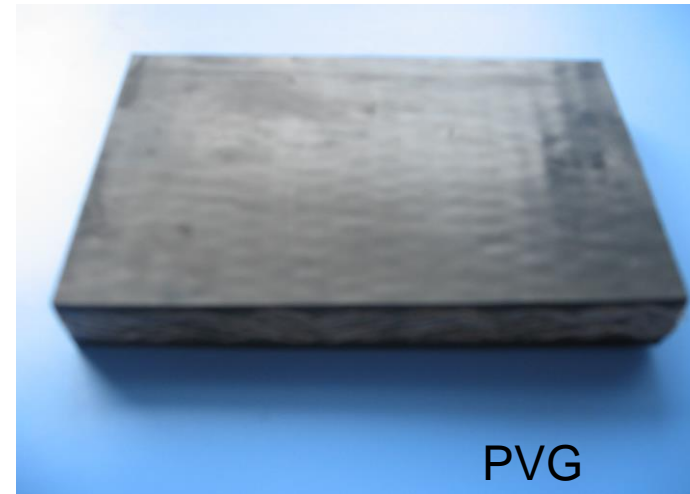
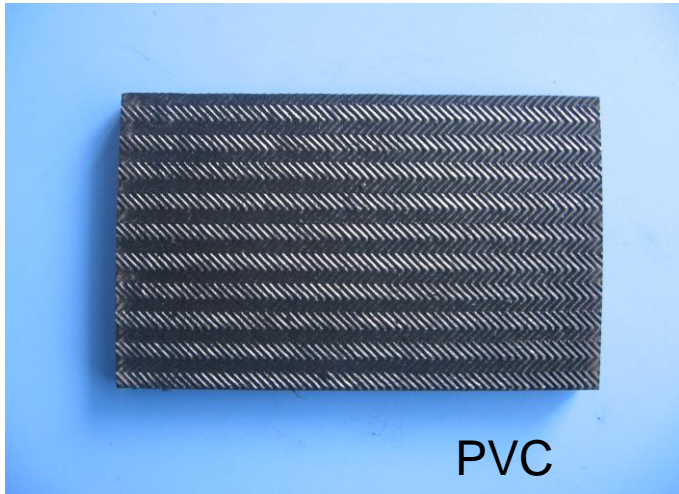
Fabric Plied Conveyor Belting

Comply with ISO/JIS/DIN/AS/BS/RMA/GB codes

Impact Resistant/Heat Resistant/Oil Resistant/Acid,Alkali Resistant /Fire Retardant etc.

Belt Type	Fabric	Min.Ply strength (N/mm)	Piles	Top Cover (mm)	Bottom Cover(mm)	Belt Width(mm/inch)													
						500	600	700	800	900	1000	1050	1200	1400	1600	1800	2000	2200	
						20	24	28	32	36	40	42	48	56	64	72	80	88	
EP Belts	EP100	100	2-6	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	EP125	125	2-6	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	EP150	150	2-6	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	EP200	200	2-6	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	EP250	250	2-6	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	EP300	300	2-6	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	EP350	350	2-6	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	EP400	400	2-6	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	EP500	500	2-6	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
EP600	600	2-6	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
NN Belt	NN100	100	2-8	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	NN125	125	2-8	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	NN150	150	2-8	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	NN200	200	2-8	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	NN250	250	2-8	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	NN300	300	2-8	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	NN350	350	2-8	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	NN400	400	2-8	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	NN500	500	2-8	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NN600	600	2-8	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
CC Belt	CC-56	56	3-12	2-25	0-15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	

Solid Woven Flame-Resistant Conveyor Belt



Product Performance Characteristics

- ◆ Excellent flame resistant
- ◆ Light weight, high tensile strength
- ◆ One carcass with good performance
- ◆ Low elongation, impact resistant,
- ◆ Rip resistant
- ◆ PVC belt for dry operation inclination less than 16 degree
- ◆ PVG belt for wet operation inclination less than 20 degree

PVC/PVG VS Fire Retardant ST Belt

- ◆ Light weight , less drive power
- ◆ Excellent safety performance
- ◆ Longitudinal direction rip resistant
- ◆ Mechanical splice available

Solid Woven Flame-Resistant Conveyor Belt

This type of belts could be manufactured according to MT914,SANS 971,AS 4606,BS3289,BC158.etc international codes and regulations.

Belt Tensile Rating	Warp Tensile(N/mm)	Weft Tensile(N/mm)	Refer.Carcass Tks(mm)	Refer.Carcass Weight(kg/m ²)	Grade and Tks(mm)		Width(mm)
680/1 T4	680	265	6.5	8.5	PVC 1.5+1.5	PVG 1.5+1.5	500-3200
800/1 T5	800	280	7.0	9.0	PVC 1.5+1.5	PVG 1.5+1.5	500-3200
1000/1 T6	1000	300	8.0	10.5	PVC 1.5+1.5	PVG 1.5+1.5	500-3200
1250/1 T7	1250	350	9.5	12.5	PVC 2.0+2.0	PVG 2.0+1.5	500-3200
1400/1 T8	1400	350	10.0	13.0	PVC 2.0+2.0	PVG 2.5+1.5	500-3200
1600/1 T9	1600	400	10.5	14	PVC 2.0+2.0	PVG 2.5+1.5	500-3200
1800/1 T10	1800	400	11.5	15	PVC 2.0+2.0	PVG 3.0+2.0	500-3200
2000/1 T10	2000	400	12.5	16.5	PVC 2.0+2.0	PVG 3.0+2.0	500-3200
2240/1 T12	2240	450	14.0	18.5	PVC 3.0+2.0	PVG 3.0+2.0	500-3200
2500/1 T13	2500	450	15.0	20.0	PVC 3.0+2.0	PVC 3.0+3.0	500-3200
2800/1 T14	2800	450	16.5	22.0	PVC 3.0+3.0	PVC 5.0+3.0	500-3200
3100/1 T15	3100	450	18.0	24.0	Custom Design		500-3200
3400/1 T16	3400	450	20.0	26.0	Custom Design		500-3200

Pipe(Tubular) Conveyor Belt



Pipe conveyor is a well-rounded solution for securing materials over the long distance transportation. Minimizing dust pollution and keep environment clean, it is easily conforms to complicated topography by going ups and downs and marking turns with less land required.

The pipe conveyor belt is with long transverse stiffness, excellent overlap sea and reduced buckling and minimized seam rotation in curves.

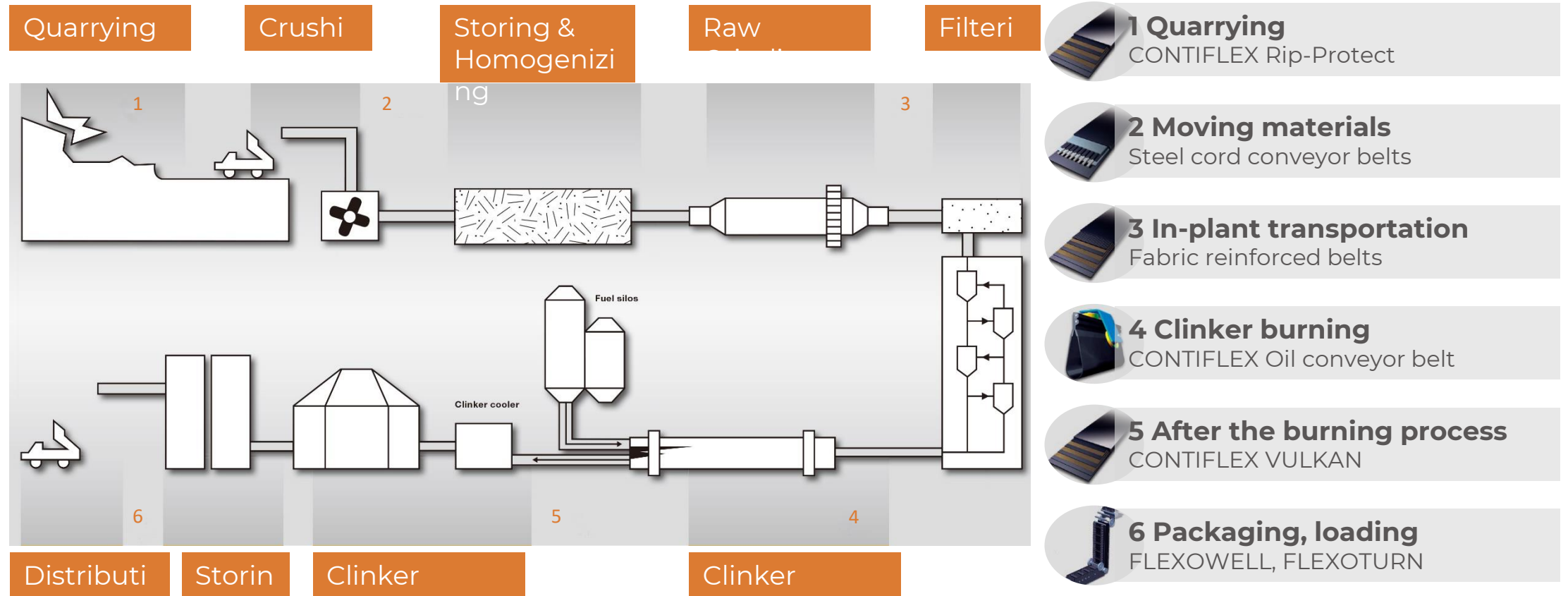
The carcass is selected according to belt tensile with
Fabric Pipe Belt
Steel Cord Pipe Belt

Pipe(Tubular) Conveyor Belt

Cover: Abrasive Resistance /Heat Resistant/Acid, Alkali Resistant /Fire Retardant /Energy Saving Low Rolling Resistance
 Max. Loading Factor 75%
 Max. Material Particle: 30% of pipe inside diameter

JIS Standard			Chemical Industry Standard(GB)			Mechanical Industry Standard (GB)	
Nom.Dia(mm)	Act.Out.Dia(mm)	Width(mm)	Nom.Dia(mm)	Act.Out.Dia(mm)	Width(mm)	Act.Out.Dia(mm)	Width(mm)
100	111.4	430				100	360
150	165.5	600				150	560
200	217.5	780	200	218	800	200	730
250	284.4	1000	250	282	1000	250	910
300	308.9	1100	300	308	1100	300	1100
350	360.9	1300	350	361	1300	350	1280
400	456.6	1600	400	457	1600	400	1460
						450	1640
500	542.7	1900	500	543	1850	500	1820
						560	2050
600	637.5	2250	600	610	2250	600	2190
						630	2300
700	724.6	2550	700	728	2450		2550

Popular in Cement




Popular in Cement

Steel Cord Conveyor Belts



Complete Service



Customized Design by CETEC



ISO9001 Production



Strictly Delivery Period

Annually Site Service



Quick Response



Regularly Upgrade



Projects

Limestone long belt conveyor in Lagos, Nigeria

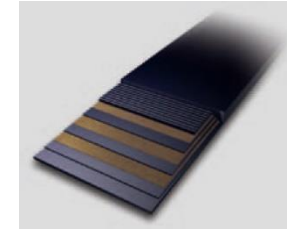
Collecting Working Conditions



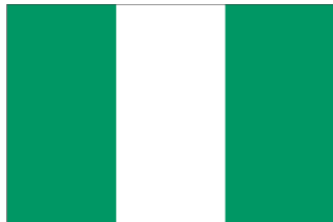
Technical Analysis



Reselection & Design



Shipping & Delivery



Packing & Dispatching



Processing & Production



Projects

LafargeHolcim (Nigeria) Installation at Site





Thank You



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