

Corrugated Sidewall Belt



Features

Corrugated sidewall conveyor belt is considered as one of the most effective way of elevating materials. It is specially engineered to operate in the most demanding conditions and handle the most aggressive materials. We use the very best rubber compound to provide an extended operational lifetime.

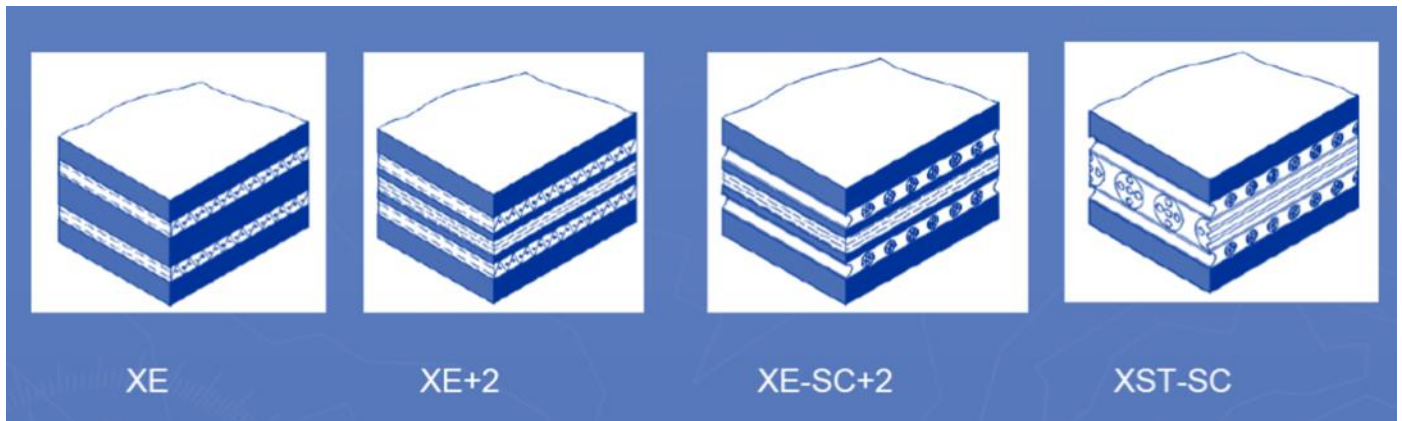
Advantage:

- ※ Maximum utilization of space
- ※ Minimum maintenance, long belt life
- ※ Wide range of materials can be handled
- ※ Low power requirement, quiet smooth running
- ※ No transfer points
- ※ No spillage with steep angle conveying

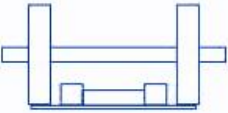
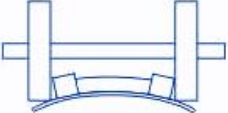


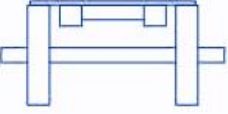
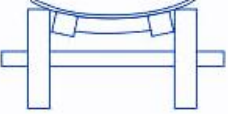


Rubber Quality

Cover Grade	Application
RMAI, RMAII, DIN-Z, DIN-Y, AS1332 N, SANS1173 N	General Application
DIN22102 X, AS1332 M, SANS1173 M	Good Abrasion Resistant, for high tension application
DIN22102 W, AS1332 A, SANS1173 A	Super Abrasion Resistant, for very harsh conveying or large size sharp material application
HR125°C, HR150°C, EPDM Compound	Hot Service for Steel Plant, Limekiln...
Moderate Oil Resistant	For carried materials soaked or containing with machine oil, vegetable oil and fat, etc.
Cold Resistant	Cold resistant - 45°C
Flame Resistant	Above ground application, DIN-K / ISO 340

Cross Rigid Base Belt



Sidewall belts require a certain tensile strength and abrasion resistance. For belt with lateral free space, the belt must have enough cross rigidity transversely and flexibility longitudinally to meet up with the requirement of deflection part of conveyor. The special designed base belt with cross rigidity solved the problem of belt collapse.

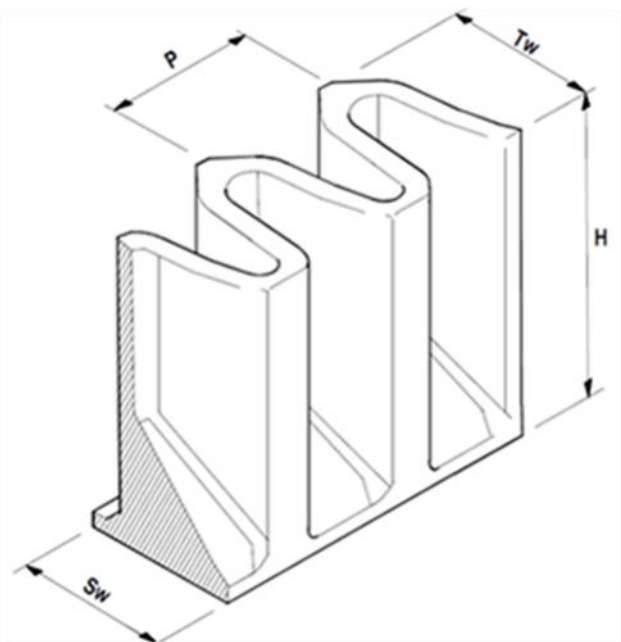
Cross rigid base belt	Conventional base belt
	
	
	
	

Sidewall



Our sidewall design ensures maximum flexibility, the profile has excellent vertical stability for load retention and return side support. The design allows for high compression to ensure smooth inner deflection around small radius.

Type	H (mm)	SW (mm)	P (mm)
S (Light Duty)	40	30	25
	60	50	40
	80	50	40
	100	50	40
	120	50	40
SF (Reinforcement)	160	75	63.5
	200	75	63.5
	240	75	63.5
	280	75	63.5
	300	75	63.5
DF (Heavy Duty)	300	100	83
	400	100	83
	500	100	83
	630	100	83



Note: diagonal fabric reinforcement for Sidewall ≥ 120 mm.

Our sidewalls and cleats are bonded to base belt by hot vulcanizing. This ensures the highest adhesion strength.

Bonding method	Adhesion Strength
Traditional Cold Bonding	≤ 10 N/mm
Hot Vulcanizing Bonding	≥ 17 N/mm







Cleat

Our Cleats are designed with good features of impact resistant and hardness to avoid cleat distortion. The shape of C and TC type have been created to offer best conveying capacities along with self-cleaning properties. The smaller profile cleat are extruded, all large cleats are molded to give the best shape retention even when conveying high density materials.

C, TC and TCS are normally used for conveyor angle over 40°, T type is used for angle less than 40°.

** Cleats (110mm and higher) have special fabric reinforcement in the vertical and angle parts.*



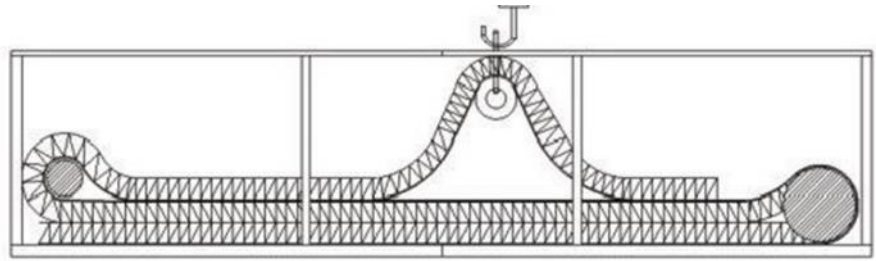
Type	Height (mm)	Bottom Width (mm)	Min. Pulley Diameter (mm)	Height (mm)	Bottom Width (mm)	Min. Pulley Diameter (mm)
 C	55	75	125	90	110	250
	75	100	150	110	110	315
 T	55	80	125	140	160	400
	75	100	150	180	160	500
	90	110	250	200	160	630
	110	110	315	230	160	630
 TC	55	80	125	140	150	400
	75	80	150	180	150	500
	90	110	250	230	157	630
	110	110	315	280	105	800
 TCS	230	105	630	470	225	1250
	280	105	800	600	225	1600
	360	225	1000	-	-	-



Package



Wrong Way



Correct method of removing an endless belt from a steel crate

PACKAGE OF SIDEWALL BELT



PACKAGE OF CLEATS / SIDEWALLS

