



Steel Cord Conveyor Belt

Structure

The Steel Cord Conveyor Belt is produced using "Siempelkamp", the most advanced production system for making steel cord conveyor belt from Germany. By choosing a high quality of steel cord as for the material of the carcass and with our meets international standards. specially-designed rubber compounds, the quality of our product.

Features

The Steel Cord Conveyor Belt has properties of high tensile strength, low elongation, impact resistance and good troughability. and other characteristics for long-distance, large capacity, high-speed transmission of massive, granular and powder materials.

Description

Our steel cord conveyor belt meet many different clients' requirements. We continuously develop higher strength steel cord conveyor belt for long-distance conveying system. The tensile strength range is from 630N/mm-5400N/mm.

On the premise of rated tensile force, our steel cord belt has the maximum elongation of 0.25%. It can decrease the fees of tensioning systems in many application occasions. Consequently, it is the best belting solution for long distance transportation or conveying occasions of low elongation.

Using galvanized open steel cords and rubber materials with a property of good adhesion, which creates a good combination between the steel and the core rubber. The rubber layer and core rubber are closely bonded, offering better resistance to impact and tearing.

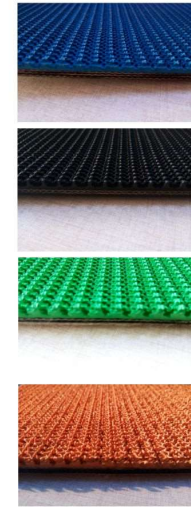
With advanced manufacturing techniques, steel cords are evenly arranged with the same tension. Therefore, the belt can run well and avoid drift.



Type Thickness Technical item	GX630	GX800	GX1000	GX1250	GX1600	GX2000	GX2500	GX3000	GX3500	GX4000	GX4500	GX5000	GX5500	GX6000
Longitudinal TS N/mm	630	800	1000	1250	1600	2000	2500	3000	3500	4000	4500	5000	5500	6000
Max.nomial diameter	4.5	4.5	4.5	4.5	6.0	6.0	7.2	8.3	8.7	9.1	9.7	10.9	11.3	12.3
Pitch of cord mm	20	17	13.5	11	20	16	17	18	18	17	16	17	17	18
Full-thickness of the belt mm	19	19	19	19	23	23	27	28	28	29	30	30	32	32
Reference weight kg/m ²	21.3	23.9	25	25.7	32.2	33.7	40.3	41.9	43.6	46.6	49.8	51.8	55.9	57.9
Width (mm)	Steel cords end													
800	38	45	56	69	38	47	44	43						
1000	48	56	70	87	48	60	56	53	53	56	60	56	56	54
1200		68	86	104	58	72	68	64	64	68	72	68	68	63
1400			100	122	66	84	78	74	74	79	84	79	79	74
1600			116	140	76	95	90	86	85	90	96	91	91	85
1800			127	157	86	108	102	96	96	101	107	103	103	96
2000			142	173	93	120	113	107	107	113	120	114	114	107
2200					132	125	118	118	125	133	125	125	125	118
2400					146	177	129	129	137	146	137	137	129	



Rough Top Conveyor Belt



Why us

- Import Fabric Mold
- New Rotary Press
- Special compound for cold resistance and environmental protection
- The design of fabric construction and fabric material (suit smaller drum diameter)
- Good abrasion resistance
- We have more color let customer to select
- We also can follow customer require to design cover rubber physical property

Application

- Ski Resort
- Baggage moving car
- Grass winding machine
- Paper industrial
- Other (Small Angle light raw material conveying, South Korea's hyundai and daewoo motor production workshop assembly line using our company rough top conveyor belt.)

Major specification	Total Thickness	Belt Tensile Strength	Belt Elongation at Break	Minimum diameter of Pulley (mm)	Weight (kg/m ²)	Cover Rubber Grade
2p/150 x R.T. x Bare	6.5±0.5mm	min. 270kg/cm	min. 18%	60	6.75	15Mpa,400%,200mm3
2p/150 x R.T. x 1/16	7.5±0.5mm	min. 270kg/cm	min. 18%	60	7.35	15Mpa,400%,200mm3
3p/225 x R.T. x Bare	6.5±0.5mm	min. 400kg/cm	min. 18%	100	6.9	15Mpa,400%,200mm3
3p/225 x R.T. x 1/16	8.5±0.5mm	min. 400kg/cm	min. 18%	100	8.5	15Mpa,400%,200mm3