



C-FLEX STEEL CORD

Features:

1. High tensile strength: Steel cord conveyor belt is suitable for large span, long distance transportation of materials.
2. Small elongation in use: It needs only a very short take-up stroke distance.
3. Small diameter of drive pulley: Steel cord conveyor belt body has a layer of longitudinally arranged steel cords as its carcass, and thus is resistant to flex fatigue. Therefore, drive pulley of smaller diameter can be used to make the equipment smaller.
4. High adhesion between rubber and steel cord: The steel cords are coated with zinc on their surface, and also the rubber used has the property of good adhesion with steel cords. Therefore, the rubber is tightly adhered to the steel cords and is resistant to shock and difficult to drop, so the rubber belts are long in life.
5. Even tension of steel cords: Out of our advanced techniques in manufacturing, the steel cords are very evenly arranged and have the same tension, so the belts are well balanced in running and difficult to run away.
6. Good trough-ability: As the belt body has no transverse skeleton, it is easy to form a deep trough, so the belts can load more materials and prevent the materials from escaping.
7. Inspection of the belt with X-rays: Users can X-rays to inspect damages of the skeleton steel cords on the conveyor machines to prevent accidents from happening.

Cover Compounds:

General, Fire-resistant, Cold-resistant, Abrasion-resistant, Heat-resistant and Chemical-resistant.

Standards offered: IS1891 GB/T9770, DIN22131, EN ISO 15236, BS490, JIS, SANS1366 and AS1333



Main technical index of ST series steel cord conveyor belt

GB/T9770 Standard :

Parameter Specifications	ST630	ST800	ST1000	ST1250	ST1600	ST2000	ST2500	ST3150
Max Breaking Strength (n/mm)	630	800	1000	1250	1600	2000	2500	3150
Max Cord Diam.(mm)	3	3.5	4	4.5	5	6	7.5	8.1
Cord Pitch (mm)	10	10	12	12	12	12	15	15
Top Rubber Cover Thickness (mm)	5	5	6	6	6	8	8	8
Bottom Rubber Cover Thickness (mm)	5	5	6	6	6	8	8	8
Unit Weight (kg/m ²)	18	19.5	21.5	22.2	26.1	33.1	35.3	41.1
Width (+/-1%)	Number Of Cords							
800	75	75	63	63	63	63	50	50
1000	95	95	79	79	79	79	64	64
1200	113	113	94	94	94	94	76	76
1400	133	133	111	111	111	111	89	89
1600	151	151	126	126	126	126	101	101
1800		171	143	143	143	143	114	114
2000			159	159	159	159	128	128
2200						176	141	141
2400						193	155	155
2600						209	168	168
2800						230	184	184
3000						247	198	198
3200						264	211	211



***CALCUTTA BELT
CENTRE (BOMBAY)***



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Parameter> Specifications	ST3500	ST4000	ST4500	ST5000	ST5400	ST6300	ST7000	ST7500
Max Breaking Strength (n/mm)	3500	4000	4500	5000	5400	6300	7000	7500
Max Cord Diam.(mm)	8.6	8.9/9.1	9.7	10.9	11.3	12.3	13.5	15.0
Cord Pitch (mm)	15	15/17	16	17	17	18	19	21
Top Rubber Cover Thickness (mm)	8	8/8	8	8.5	9	10	10	10
Bottom Rubber Cover Thickness (mm)	8	8/8	8	8.5	9	10	10	10
Unit Weight (kg/m ²)	45	45/45	51	59	62	65	63.7	68.7
Width (+/-1%)	Number Of Cords							
800	50							
1000	64	64	59	55	55	54	49	45
1200	77	77	71	66	66	63	59	54
1400	90	90	84	78	78	74	69	63
1600	104	104	96	90	90	85	80	72
1800	117	117	109	102	102	96	90	82
2000	130	130	121	113	113	107	101	91
2200	144	144	134	125	125	118	111	100
2400	157	157	146	137	137	129	121	109
2600	170	170	159	149	149	140	131	119
2800	184	184	171	161	161	151	142	129
3000	198	198	185	174	174	148	152	138
3200	211	211	198	186	186	158	162	147



DIN 22131 Standard :

Parameter Specifications	ST1000	ST1250	ST1600	ST2000	ST2500	ST3150
Max Breaking Strength (n/mm)	1000	1250	1600	2000	2500	3150
Max Cord Diam. (mm)	4.1	4.9	5.6	5.6	7.2	8.1
Cord Pitch (mm)	12	14	15	12	15	15
Min Cover Thickness (mm)	4	4	4	4	5	5.5
Width	Number Of Cords					
500+/-5	39	34				
650+/-7	51	44				
800+/-8	64	55	50	64		
1000+/-10	81	69	64	81	64	64
1200+/-10	97	84	77	97	77	77
1400+/-12	114	98	90	114	90	90
1600+/-12	131	112	104	131	104	104
1800+/-14	147	127	117	147	117	117
2000+/-14	164	141	130	164	130	130
2200+/-15	181	155	144	181	144	144
2400+/-15	197	169	157	197	157	157
2600+/-15	214	184	170	214	170	170
2800+/-15	231	198	170	214	170	170
3000+/-15	247	212	197	247	197	197
3200+/-15	264	227	210	264	210	210



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CENTRE (BOMBAY)**

Parameter Specifications	ST3500	ST4000	ST4500	ST5000	ST5400
Max Breaking Strength (n/mm)	3500	4000	4500	5000	5400
Max Cord Diam. (mm)	8.6	8.9	9.7	10.9	11.3
Cord Pitch (mm)	15	15	16	17	17
Min Cover Thickness (mm)	6	6.5	7	7.5	8
Width	Number Of Cords				
500+/-5					
650+/-7					
800+/-8					
1000+/-10	64	64	59	55	55
1200+/-10	77	77	71	66	66
1400+/-12	90	90	84	78	78
1600+/-12	104	104	96	90	90
1800+/-14	117	117	109	102	102
2000+/-14	130	130	121	113	113
2200+/-15	144	144	134	125	125
2400+/-15	157	157	146	137	137
2600+/-15	170	170	159	149	149
2800+/-15	170	170	159	149	149
3000+/-15	197	197	184	172	172
3200+/-15	210	210	196	184	184