



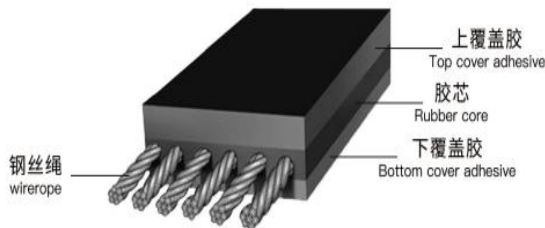
Steel Cord Conveyor Belt

钢丝绳输送带

> > Features 特点

High tensile strength, excellent impact resistance, long service life, low elongation in use, good troughability, and superior flex resistance. It is ideal for long-distance, large-capacity, and high-speed material conveying applications.

拉伸强度大，抗冲击性好，寿命长，使用伸长率小，成槽性好，耐曲挠性好，适用于长距离，大运量、高速度物料输送。



> > Applications 用途

Widely used for material handling in coal, mining, ports, metallurgy, electric power, chemical industries, and more.

Classifications by cover rubber properties:

Available in general-purpose, flame-retardant, cold-resistant, wear-resistant, heat-resistant, and acid-alkali-resistant types.

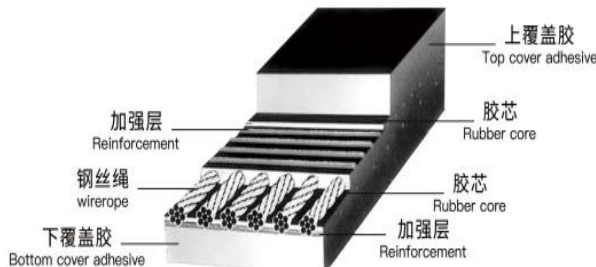
Classifications by internal structure:

Includes standard structure, cross-reinforced structure, and pre-embedded coil anti-tear structure.

可广泛用于煤炭、矿山、港口、冶金、电力、化工等领域物料输送。

按覆盖胶性能可分为：普通型、阻燃型、耐寒型、耐磨型、耐热型、耐酸碱型等品种。

按内部结构可分为：普通结构型、横向增强型、预埋线圈防撕裂型。



ST 系列钢丝绳芯输送带主要技术参数 Technical Data for ST Cord Conveyor Belt

规格Specihentian 技术参数Technical Data	ST630	ST800	ST1000	ST1250	ST1600	ST2000	ST2500	ST3150	ST3500	ST4000	ST4500	ST5000	ST5400
纵向拉伸长度 Tensile Strength(N/mm)	630	800	1000	1250	1600	2000	2500	3150	3500	4000	4500	5000	5400
钢丝绳最大公称直径 Max Diameter of Cord(mm)	3.0	3.5	4.0	4.5	5.0	6.0	7.5	8.1	8.6	8.9	9.7	10.9	11.3
钢丝绳间距 Pitch of Cord	10	10	12	12	12	12	15	15	15	15	16	17	17
上覆盖层厚度 Top Rubber Cover Thickness(mm)	5	5	6	6	6	8	8	8	8	8	8	8.5	9
下覆盖层厚度 Bottom Rubber Cover Thickness(mm)	5	5	6	6	6	6	6	8	8	8	8	8.5	9
胶带参考质量 Weight (kg/m)	18	19.5	22.5	24	25.9	31.8	36.1	40.4	43.8	45	45.1	50.7	53.4
宽度规格 Width(mm)	钢丝绳根数(Cord Number)												
800	75	75	63	63	63	63	50	50	50				
1000	95	95	79	79	79	79	64	64	64	64	59	55	55
1200	113	113	94	94	94	94	76	76	77	77	71	66	66
1400	133	133	111	111	111	111	89	89	90	90	84	78	78
1600	151	151	126	126	126	126	101	101	104	104	96	90	90
1800		171	143	143	143	143	114	114	117	117	109	102	102
2000			159	159	159	159	128	128	130	130	121	113	113
2200						176	141	141	144	144	134	125	125
2400						193	155	155	157	157	146	137	137
2600						209	165	168	170	170	159	149	149
2800						230	184	184	184	184	171	161	161

GB/T9770 标准中覆盖胶性能等级 Rubber performance levels in GB/T9770 standard

等级代号 Level Code	拉伸强度 MPa Tensile strength MPa	扯断伸长率 Elongation at break%	磨耗量mm WEARmm
D	18	400	90
H	25	450	120
L	20	400	150
P	14	350	200

注：D — 适用于强磨损工况 H — 适用于强划裂工况

L — 适用于一般工况 P — 适用于耐油、耐热、耐酸碱、耐寒及一般阻燃的输送带

Note: D – Under strong wear and tear working conditions H – Under strong scratch working conditions

L – Under general working conditions P – Oil-resistant, heat-resistant, acid and alkali resistant, cold-resistant, and generally flame-resistant conveyor belts

德国钢丝绳芯输送带标准DIN22131 主要技术参数

Main technical parameters of German wire rope core conveyor belt standard DIN22131

型号Type	ST1000	ST1250	ST1600	ST2000	ST2500	ST3150	ST3500	ST4000	ST4500	ST5000	ST5400
最低拉伸强度N/mm Minimum breaking load	1000	1250	1600	2000	2500	3150	3500	4000	4500	5000	5400
钢丝绳直径(最大) Max diameter of cord	4.1	4.9	5.6	5.6	5.6	8.1	8.6	8.9	9.7	10.9	11.3
绳距mm+1.5 Pitch of cord	12	14	15	12	12	15	15	15	16	17	17
覆盖胶厚度(最小) Thickness of cover (mm)	4	4	4	4	4	5.5	6.5	7	7	8	9
宽度规格Width mm											
公称值 Width	极限偏差 Tolerance	钢丝绳根数(Cord Number)									
500	±5	39	34	—	—	—	—	-	-	—	—
650	±7	51	44	-	-	-	-	—	-	-	-
800	±8	64	55	50	64	-	-	—	-	—	—
1000	±10	81	69	64	81	64	64	64	64	59	55
1200	±10	97	84	77	97	77	77	77	77	70	66
1400	±12	114	98	90	114	90	90	90	90	84	78
1600	±12	131	112	104	131	104	104	104	104	98	90
1800	±14	147	127	117	147	117	117	117	17	109	102
2000	±14	164	141	130	164	130	130	130	130	121	113
2200	±15	181	151	144	181	144	144	144	144	134	125
2400	±15	197	169	157	197	157	157	157	157	146	137
2600	±15	214	184	170	214	170	170	170	170	159	149
2800	±15	231	198	170	214	170	170	170	170	159	149