

通用钢丝绳芯输送带



2.1 General Steel Cord Conveyor Belt

Top Covering Layer: Tough and tear-resistant rubber

The Steel Wire Rope Layer: Embedded among rubber

Reinforcement: Tear-resistant steel cord fabric between rubber and steel wire rope

Bottom Covering Layer: Tough and tear-resistant rubber

Technical Standard: GB/T9770, DIN 22131, EN ISO 15236, SANS 1366, and AS 1333.

Application: Appropriate for transporting materials with long distances and heavy loads in a variety of industries, such as metallurgy, steel plants, power station, recycling, chemical industry, ports, etc.

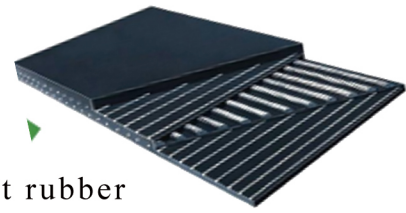
Features: High tensile strength, low elongation, good troughability and bending resistance, excellent impact and tear resistance, high wearability, good chemical and corrosion resistance, long service life.

Product Specification:

NormalBelt Strength (N/mm)	Max.Steel Cord Dia. (mm)	Cord Construction	Min.Cord Breaking Strength (kN/cord)	Cord Pitch (mm)	Min.Pulley Diameter (mm)
ST-500	3	7*7	7.6	14	500
ST-630	3	7*7	7	10	500
ST-800	3.5	7*7	8.9	10	500
ST-1000	4	7*7	12.9	12	630
ST-1250	4.5	7*7	16.1	12	800
ST-1600	5	7*7	20.6	12	1000
ST-2000	6	7*7/7*19	25.6	12	1000
ST-2500	7.2	7*7/7*19	40	15	1250
ST-3150	8.1	7*7/7*19	50.5	15	1400
ST-3500	8.6	7*7/7*19	56	15	1600
ST-4000	8.9	7*7/7*19	63.5	15	1600
ST-4500	9.7	7*7/7*19	76.3	16	1600
ST-5000	10.9	7*7/7*19	91	17	1800

抗撕裂钢丝绳芯输送带

2.2 Anti-tear Steel Cord Conveyor Belt



Top Covering Layer: Tough and tear-resistant rubber

The Steel Wire Rope Layer: Embedded among rubber

Reinforcement: Tear-resistant steel cord fabric between rubber and steel wire rope

Bottom Covering Layer: Tough and tear-resistant rubber

Technical Standard: GB/T9770, DIN 22131, EN ISO 15236, SANS 1366, and AS 1333.

Application: Appropriate for conveying cement, gravel, sand, and iron ore in quarries, metallurgy, steel plant, road construction, heating and power station, garbage incineration plants, chemical industry, ports, etc.

Features: High tensile strength, anti-impact, long service life, small elongation rate, good groove formation, excellent flexure resistance, strong adhesion.

Product Specification:

Specification	Weight	Pitch of Weft	Thickness	Diameter	Breaking Strength	Elongation at Break
Kg/m ²	mm	mm	mm	N	%	
KF-50	0.21	10	1.8	0.65	560	>2
KF-100	0.39	10	2.2	1	1050	>2
KF-125	0.63	8	2.4	1.18	1000	>5
KF-150	0.73	8	2.6	1.38	1360	>5
KF-200	0.92	6	2.6	1.38	1360	>5
KF-250	1.2	10	3.1	1.9	2530	>5
KF-300	1.32	8	3.1	1.9	2530	>5
KF-400	1.6	6	3.1	1.9	2530	>5
KF-500	2.22	5.6	3.3	2.02	2900	>5

阻燃钢丝绳芯输送带

2.3 Fire-resistant Steel Cord Conveyor Belt

The Covering Layer: EPDM or SBR rubber with good flame retardancy

The Reinforcement Layer: Multi-layer steel wire rope

The Fire-resistant Layer: Special material with high-temperature and fire resistance

Application: Can be used for conveying materials in mine, ports, coal, metallurgy, power plant, and chemical industry.

Features: High tensile strength, long service life, small elongation, good bending resistance, excellent high temperature resistance, good resistance to wear and chemical corrosion



Product Specification:

Item	Belt Tensile Strength													
	ST/S 630	ST/S 800	ST/S 1000	ST/S 1250	ST/S 1600	ST/S 2000	ST/S 2500	ST/S 2800	ST/S 3150	ST/S 3500	ST/S 4000	ST/S 4500	ST/S 5000	ST/S 5400
Longitudinal Tensile Strength	630	800	1000	1250	1600	2000	2500	2800	3150	3500	4000	4500	5000	5400
Max.Nominal Diameter of Steel Cord	3.0	3.5	4.4	4.5	5.0	6.0	7.2	7.5	8.1	8.6	8.9	9.7	10.9	11.3
Steel Cord Pitch	10±1.5	10±1.5	12±1.5	12±1.5	12±1.5	12±1.5	15±1.5	15±1.5	15±1.5	15±1.5	15±1.5	16±1.5	17±1.5	17±1.5
Top Cover Thickness	5	5	6	6	6	8	8	8	8	8	8	8	8.5	9
Bottom Cover Thickness	5	5	6	6	6	8	8	8	8	8	8	8	8.5	9
Width	Number of Steel Cord													
800	75	75	63	63	63	63	50	50	50	50				
1000	95	95	79	79	79	79	64	64	64	64	64	59	55	55
1200	112	112	94	94	94	94	76	76	76	77	77	71	66	66
1400	133	133	111	111	111	111	89	89	89	90	90	84	78	78
1600	151	151	126	126	126	126	101	101	101	104	104	96	90	90
1800	171	171	143	143	143	143	114	114	114	117	117	109	102	102
2000	196	196	159	159	159	159	128	128	128	130	130	121	113	113
2200	216	216	176	176	176	176	141	141	141	144	144	134	125	125

钢丝绳芯提升机输送带

2.4 Steel Cord Elevator Conveyor Belt

Upper Covering Layer: Tear-resistant rubber

Carcass: High tensile steel cords

Lower Covering Layer: Tear-resistant rubber

Edge Reinforcement Layer: Fabric or steel cables

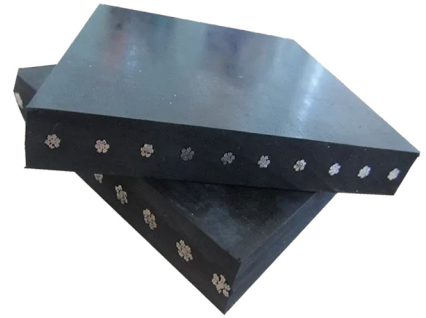
Application: Commonly used for conveying materials in vertical elevation such as ore, coal, minerals, and clinkers in cement plants, steel plants, metallurgy, electricity, and chemical industry.

Features: Superior impact and abrasion resistance, good troughability, high tensile strength, low elongation, excellent durability and flexibility, long service life

Types of Steel Cord Elevator Conveyor Belt

In terms of cover rubber properties, the steel cord elevator conveyor belt is divided into general type, flame-retardant type, and tear-resistant type.

In terms of inner structure, the steel cord elevator conveyor belt is classified into general structure type, transverse reinforcement type, and built-in sensor coil type.



Product Specification:

Belt Strength / Technical Required Items	ST630	ST800	ST1000	ST1250	ST1600	ST2000	ST2500	ST3150	ST3500	ST4000	ST4500	ST5000	ST5400	ST6300
Longitudinal Tensile Strength N/mm	630	800	1000	1250	1600	2000	2500	3150	3500	4000	4500	5000	5400	6300
Max Dia.of Cord (mm)	3.0	3.5	4.0	4.5	5.0	6.0	7.5	8.1	8.6	8.9/9.1	9.7	10.9	11.3	12.3
Pitch of Cord (mm)	10	10	12	12	12	12	15	15	15	15/17	16	17	17	18
Top Cover Thickness (mm)	5	5	6	6	6	8	8	8	8	8/8	8	8.5	9	10
Bottom Cover Thickness (mm)	5	5	6	6	6	8	8	8	8	8/8	8	8.5	9	10
* Reference Belt Mass kg/m ²	18	19.5	21.5	22.2	26.1	33.1	35.3	41.1	45	45/45	51	59	62	65
Width (mm)	Ends of Steel Cord													
800	75	75	63	63	63	63	50	50						
1000	95	95	79	79	79	79	64	64	64	64/56	59	55	55	54
1200	113	113	94	94	94	94	76	76	77	77/68	71	66	66	63
1400	133	133	111	111	111	111	89	89	90	90/79	84	78	78	74
1600	151	151	126	126	126	126	101	101	104	104/91	96	90	90	85
1800		171	143	143	143	143	114	114	117	117/103	109	102	102	96
2000			159	159	159	159	128	128	130	130/114	121	113	113	107
2200						176	141	141	144	144/125	134	125	125	118
2400						193	155	155	157	157/137	146	137	137	129
2600						209	168	168	170	170/148	159	149	149	140
2800									184	184/160	171	161	161	151