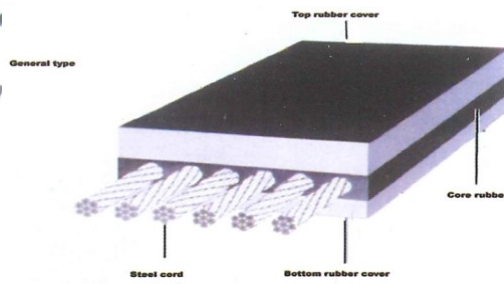
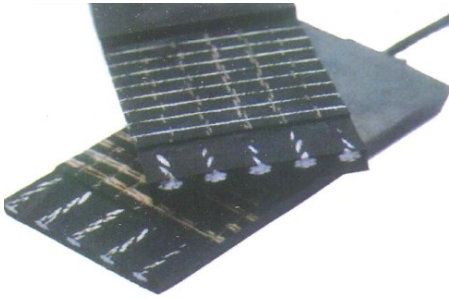




# **RUDEX AUSTRALIA**

RUBBER & CONVEYOR SOLUTIONS

## **RuDex - STEEL CORD CONVEYOR BELT**



### **APPLICATIONS**

Used for conveying materials in such industries as coal, iron ore, port, metallurgy, electric power and chemical.

### **CHARACTERISTICS**

High tensile strength - Good impact resistance - Long service life - Small elongation  
Good groove-formed performance - Good flexibility

### **STRUCTURE**

Steel wire cord conveyor belt is composed of top rubber cover, bottom rubber cover, core rubber, side rubber and steel wire cord with a certain vertical distance

### **VARIETIES**

According to the difference of conveying material properties and usage environments, belts are divided into General type, Fire-resistance type, Cold-resistance type, Oil-resistant type, Acid and alkali-resistant type.





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### TECHNICAL DATA FOR STEEL CORD CONVEYOR BELT (ST SERIES)

Specification	ST630	ST800	ST1000	ST1250	ST1600	ST2000	ST2500	ST2800	ST3150	ST3500	ST4000	ST4500	ST5000	ST5400
<b>Technical data</b>														
<b>Longitudinal tensile strength(N/mm)</b>	630	800	1000	1250	1600	2000	2500	2800	3150	3500	4000	4500	5000	5400
<b>Max cord diameter(mm)</b>	3.0	3.5	4.0	4.5	5.0	6.0	7.2	7.5	8.1	8.6	8.9	9.7	10.9	11.3
<b>Cord pitch(mm)</b>	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
<b>Thickness of top rubber cover(mm)</b>	5	5	6	6	6	8	8	8	8	8	8	8	8.5	9
<b>Thickness of bottom rubber cover(mm)</b>	5	5	6	6	6	6	6	8	8	8	8	8	8.5	9
<b>Belt weight(kg/m<sup>2</sup>)</b>	18	19.5	21.5	22.2	26.1	33.1	35.3	36	41.1	45	45	51	59	62
<b>Width specification(mm)</b>	<b>Cord number</b>													
<b>800</b>	75	75	63	63	63	63	50	50						
<b>1000</b>	95	95	79	79	79	79	64	64	64	64	64	59	55	55
<b>1200</b>	113	113	94	94	94	94	76	76	76	77	77	71	66	66
<b>1400</b>	133	133	111	111	111	111	89	89	89	90	90	84	78	78
<b>1600</b>	151	151	126	126	126	126	101	101	101	104	104	96	90	90
<b>1800</b>		171	143	143	143	143	114	114	114	117	117	109	102	102
<b>2000</b>			159	159	159	159	128	128	128	130	130	121	113	113
<b>2200</b>						176	141	141	141	144	144	134	125	125

Belt weight varies from different rubber cover thickness and density

Notes: Each roll length of conveyor belt normally is 100-350m, and it will be restricted by such conditions as thickness, width, transportation and installation, so length and transversal enhancement of each roll should be discussed by supplier and demander.