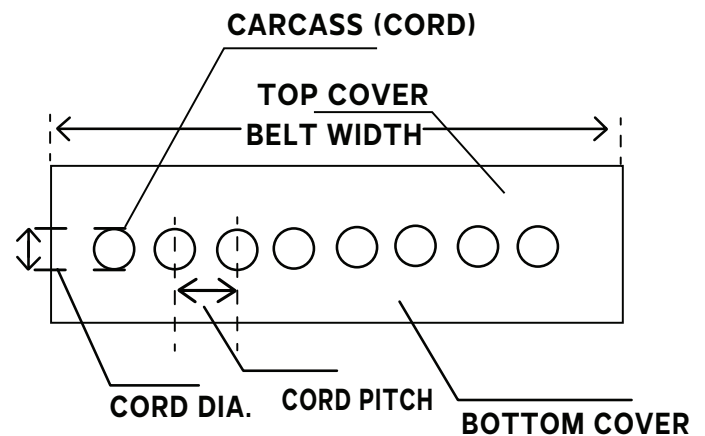




BANDO STEELCORD CONVEYOR BELTS (ST-Belt)



CROSS SECTION



■ Application

Long span, high strength, high capacity

■ Features

1. High Tensile Strength permits high tension operation
2. Excellent bending resistance
3. Extremely small elongation
4. Excellent dynamic adhesion
5. Excellent impact resistance
6. Better troughability
7. Longer in life of the spliced part.

■ Plant

- Steel Mill ■ Power ■ Cement ■ Fertilizer
- Paper ■ Glass ■ Terminal, etc...

■ Mining

- Iron ■ Copper ■ Bauxite ■ Coal ■ Gold
- Limestone etc...

***Basic Specification info

Width

Strength

Top cover rubber thickness

bottom cover rubber thickness

cover rubber grade

Belt Length

Cord Construction

a. Cord Diameter

b. Cord Pitch

C. Number of Cords

Steel Cord (Wear Resistant)

Type of Belt	Main Polymer	Max Belt Surface Temp	Max Material Temp	Abrasion (mm ³)
JIS-L	SBR	Max. 60 °C	Lump : °C Powder : 60 °C	Max. 200
JIS-G	NR+SBR	Max. 60 °C	Lump : °C Powder : 60 °C	Max. 250
JIS-S	NR+SBR	Max. 60 °C	Lump : °C Powder : 60 °C	Max. 200
DIN-X (G-M)	NR+BR	Max. 60 °C	Lump : °C Powder : 60 °C	Max. 120
UIP	NR+SBR	Max. 60 °C	Lump : °C Powder : 60 °C	Max. 150
SAR	NR+SBR+BR	Max. 60 °C	Lump : °C Powder : 60 °C	Max. 90

Note

- In the case of powder, material temperature and belt surface temperature are almost equal.
- In the case of lump, belt surface temperature varies depending on the material size and filling rate.
(Recommended material temperature is Max. 60 °C)

Heat Resistant (HIGH HEAT & GOOD IN ABRASION)

▪ Application

Hot clinker, Sintered ore, Pellets, Dry materials

▪ Features

1. Superior wear resistance in the high temperature.
2. Belt width : 100 ~ 3000 mm (4 ~ 120 inches)
3. Tensile strength : 200 ~ 1800N/mm
4. Carcass : HN, EP, ST (Steel Cord)



▪ Bando heat carry line up

Item	Main Polymer	Max Belt Surface Temp	Max Material Temp
HC513	SBR	Lump : 100 °C Powder : 40 °C	Lump : 150 °C Powder : 70 °C
HC730 (White color)	EPR	Lump : 100 °C Powder : 40 °C	Lump : 150 °C Powder : 60 °C
HC710	EPR	Lump : 180 °C Powder : 70- 130 °C	Lump : 400 °C Powder : 180 °C
HC770	EPR <i>Superior in abrasion</i>	Lump : 180 °C Powder : 70 - 130 °C	Lump : 450 °C Powder : 180 °C