

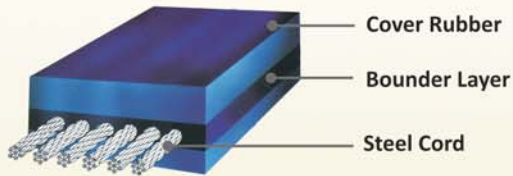
CONVEYOR BELT



- QUALITY ↙
- SUITABLE ↙
- STRENGTH ↙
- LONG LIFE ↙
- ECONOMIC ↙
- COMMITMENT ↙
- GOOD DELIVERY ↙



Steel Cord Properties



Right hand (sZ)



Left hand (zS)



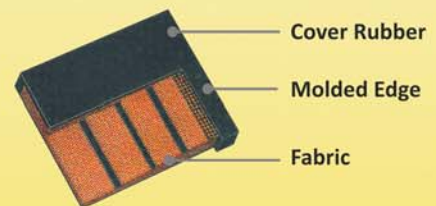
STEEL CORD PROPERTIES			
No.	Belt Strength	Belt Width	Feature
1.	ST 630 to ST 5400	600 mm to 2600 mm	<ol style="list-style-type: none"> 1. Low Elongation 2. High tensile strength 3. Small diameter for drive pulley 4. High adhesion between rubber and steel cord 5. Good trough ability 6. Heavy load transportation

Special Inspection :

Inspection of the belt with X-ray

user can x-ray to inspect damages of the selection, the steel cord on the conveyor to prevent accident

Fabric Type and Properties



STEEL CORD PROPERTIES				
No.	Fabric Type	Tensile / Ply	Belt width	Feature
1.	NYLON FABRIC Nylon - Nylon (NN)	NN 80 to NN 630	300 mm to 2600 mm	<ol style="list-style-type: none"> 1. High abrasion resistance 2. High tensile strength 3. Good fatigue resistance 4. Good shock resistance 5. Good trough ability 6. High adhesion between plies 7. Splendid flexibility and long working life
2.	POLYESTER FABRIC Polyester - Nylon (EP)	EP 80 to EP 630	300 mm to 2600 mm	<ol style="list-style-type: none"> 1. Long elongation in warp 2. Good trough ability 3. Good water resistance 4. Good wet resistance 5. No mold it is suitable for medium 6. Long distance 7. heavy load transportation
SPECIAL CARCAS				
3.	COTTON Cotton - Cotton (CC)	CC-56	300 mm to 2600 mm	<ol style="list-style-type: none"> 1. Good in chemical fastening 2. Elongation in relatively low 3. Good adhesion with rubber 4. Small distortion under high temperature 5. Suitable for short distance and light 6. Load transportation
4.	POLYESTER COTTON Polyester - Cotton (TC) Upgrade of cotton conveyor belt	TC-56	300 mm to 2600 mm	<ol style="list-style-type: none"> 1. Better shock resistance 2. Especially the belt body is thinner and lighter 3. Can reduce energy 4. Short distance and medium load

Laboratory Facility



Automatic weighing and Batching raw material

Good Quality product must fulfill :

1. Raw material should be tested
2. Man power capability
3. Good processing and precision
4. Product testing
5. Quality management system



Abrasion testing device



Multi cell aging oven



Laboratory test of tensile strength



Test on resilience to impact load

Cover Rubber Selection

GRADE	ELONGATION at BREAK (%)	MIN. TENSILE (kg/cm ²)	MAX. SURFACE TEMP. (F°)	FEATURE
General	475	135	176	Standard such as DIN, BS, etc. are all available
Grade - M	500	255	176	<ol style="list-style-type: none"> 1. High tension conveyor belt 2. Superior in abrasion resistance 3. Cut and gouge resistance 4. Suitable for conveying large limps 5. Sharp and rugged material
Grade - N	500	205	176	<ol style="list-style-type: none"> 1. Superior in abrasion resistance 2. For general conveyor
Heat Resistance	500	140	248	<ol style="list-style-type: none"> 1. Good heat resistance 2. Good industries metallurgy, cement, steel coking, etc.
High Temp. Resistance	300	120	356	<ol style="list-style-type: none"> 1. High adhesion 2. Low elongation 3. High temperature 4. Good industries metallurgy, cement, steel coking, etc.
Chemical Resistance	300	205	176	<ol style="list-style-type: none"> 1. Good elasticity 2. Excellent trough ability 3. Low elongation 4. The fine anti chemical corrosiveness 5. Good physical properties
Oil Resistance	300	205	176	<ol style="list-style-type: none"> 1. Oil resistance 2. Anti abrasive for conveying oily material
Cold Resistance	300	205	122	<ol style="list-style-type: none"> 1. Working temperature -140°F - 122°F 2. Cold resistance and Anti abrasive

Special Product Range

<p>1. Patterned Conveyor Belt (V-Cleated)</p> <p>Belt Width : 300 - 1200 mm</p>		<ul style="list-style-type: none"> • Over degree for incline conveyor • Fine material and highspeed
<p>2. Raised Edge Conveyor Belt (Flexowel Belt)</p> <p>Belt Width : 300 - 1050 mm</p>	<p>S type W type</p>	<ul style="list-style-type: none"> • The transmission angle is 0°-90° and small area
<p>3. Bucket Elevator Belt</p> <p>Belt Width : 300 - 900 mm</p>		<ul style="list-style-type: none"> • Low elongation • Vertical conveyor
<p>4. Rubber Lagging</p> <ul style="list-style-type: none"> • Hot Bounding • Cold splicing 	<p>Ceramic type</p> <p>Diamond type Herringbone type</p>	<ul style="list-style-type: none"> • Pulley Lagging • Idler Lagging • Chute and hopper layer

Semi - Circular Rubber Fender

1. Low reaction force, less surface pressure and reasonable capability of energy absorption
2. Good adaptability of transverse and longitudinal shake of ship during mooring
3. Wide range application

Cylindrical Rubber Fender

1. With reasonable reaction it may absorb more energy than of cylindrical type
2. Convenient installation
3. It is usually for docks of frame work type and ships due to the small size of bottom width

Super Rubber Fender

1. Large design compression amount, high energy low reaction force
2. Reasonable structure and long service life
3. Easy to replace installation

• CLAY



• COAL



• LIMESTONE



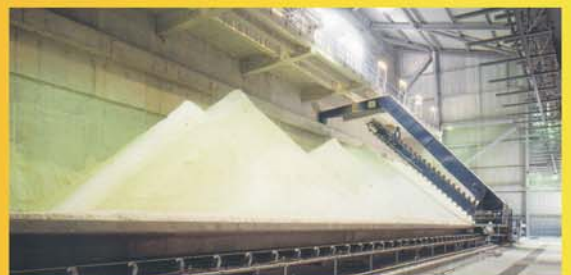
• SHALE



• WOOD CHIPS



• GYPSUM



Great Belt was founded in 1990 in the West Virginia, USA. With the fixed assets worth of USD 198,000,000. It is a belt base with the products research, design development, sales, after service and production.

Our company cover 110,000 square meter, including 89,000 square of building area. there are approximately 800 employees including 50 technicians.

It mainly produces the product under the brand of GREAT BELT such as rubber belt, whose output is 8,000,000 square meter annually, it was awarded as “ National Product Exempt From Inspection “. it also passed the quality authentication of ISO 9001:2000. Passed the production permit and quality authentication.

The conveyer belt that mainly produce are general use conveyer belt, nylon conveyer belt, Polyester conveyer belt, heat resistant conveyer belt, oil resistant conveyer belt, chemical resistant belt, foodstuff conveyer belt, steel cord conveyer belt and endless conveyer belt.

All the product which are strictly carried out the national standard, are with great tensile strength, low elongation, great abrasion proof, het and cold resistance, corrosion resistance and long life.



Authorized Distributor

