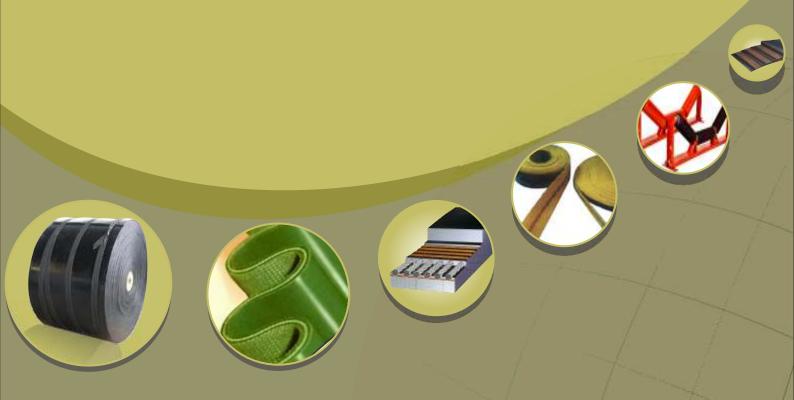
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INDUSTRIAL BELT CENTRE

INDUSTRIAL BELT CENTRE

Regd off: 60 Raghushree Market, Ajmeri Gate, Delhi: 110 006 Postal Address: 5439, Behind-64 G.B.Road, Delhi: 110 006 Ph: 0091-11-23212948, 32935033 Fax: 0091-11-23210537

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QUALITY POLICY

"To be passive and proactive in providing conveying & transmission solutions to clients by continuously striving to exceed their expectations."

Our commitment to quality is unflinching, our desire for growth is deep-rooted and our capacity for details is amazing. We adhere to national & international standards across all operations: from sourcing the raw-materials & till it transfers to finer quality products. All Our suppliers operate quality management standards accredited to ISO 9002 or legally required standards as dictated by specific markets. This measure undoubtedly reflects our loyalty to quality assurance and our determination to provide the products and service our customers demand.

What set us apart is the depth of our commitment and the high level of our concern to deliver quality products, efficient services and total solutions.

And this is where our quality improvement comes from.

At IBC, quality is a way of life

ABOUT US

Every thing started about 20 years ago with a very humble beginning. We started as a small enterprise and now we are one of the leading exporters & suppliers of Rubber Conveyor Belts up to 2400 mm width, Steel Cord Conveyor Belts up to 2400mm width, PVC Conveyor Belts up to 3000 mm width, Transmission Belts up to 1600mm width, Nylon Sandwich Belts, V-Belts, Rubber Sheets up to 1200mm width and Rubber Hoses up to 100mm I/D.

Right from our incorporation in 1988, it has been our endeavor to develop ourselves into a Multi-product, Multi-facet & highly qualitative organization with highest level of service oriented market response.

During 20 years in the line with a belief that the quality is contiguous, we have tried to improve quality up to acceptable international standards & with zero defects. At the same time we have constantly endeavored to provide our customers products, which are readily available and on most competitive prices. This gives us a satisfaction, which is momentary, and again it becomes a challenge to scale new heights of quality,

This has been possible with active participation of our management, staff and workers. Every one has contributed in his own manner and ultimately it is a teamwork that has won.

We thank our most revered customers because without their unwavering and staunch support and encouragement we could not have reached where we are today. We at IBC are now one of the pioneers in the conveyor belt business in India.

With still a long way to go.

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RUBBER CONVEYOR BELT

Width: Up to 2400 mm.

Length: Open or endless up to 400 meters in single length provided the diameter

does not exceed 10 feet.

Plies: 1 plies to 8 plies.

Type of Fabrics & their features:

Nylon/Nylon (NN) Carcass: NN 100, NN 125, NN 150, NN 200, NN 250, NN 300, NN 350, NN 400 and NN 450.

- > Lower longitudinal elongation
- Higher tensile strength
- Good flexibility and trough ability
- Good resistance to mildew, moisture and rotting
- Good resistance to edge wear
- Excellent impact resistance
- Unaffected by alkalis and weak acids
- Suitable for conveying material over long distances



Polyestor/Nylon (EP) Carcass: 100, EP 125, EP 150, EP 200, EP 250, EP 300, EP 350, EP 400 and EP 450

➤ Besides having the advantages as listed for NN carcass belts, EP belts have the additional advantage of lower longitudinal elongation.

Cotton/ Cotton (CC) Carcass: 28 OZ, 32, OZ 34 OZ. 36 OZ, 42 OZ and 48 OZ

- Suitable for most applications
- Good bonding for rubber
- Good fastener holding properties

Cotton/ Nylon (CN) Carcass:

- ➤ Good troughability
- Resistance to longitudinal tearing and damage due to edge turn up
- > Improved resistance to impact damage
- Lighter in weight
- Better mechanical fastener holding properties





GRADES:

GRADE M-24: Compounded from premium quality natural rubber to provide excellent resistance to cutting gouging, wear & tear and confirms to the maximum abrasion loss value & minimum tensile strength.

GRADE N-17: Recommended for medium duty services to handle sized materials like woodchips, lime, fine stones, gravel's etc.

GRADE HR(T1): Manufactured with specially formulated rubber compound for handling materials like ash, hot lime, foundry sand etc. having temperature up to 125°C for coarse and 100°C for fines.

GRADE SHR(T2): This cover grade is specially formulated with synthetic & natural rubber to provide superior heat & abrasion resistance. Recommended for temperature up to 180°C for coarse and 160°C for fines material.

GRADE UHR: Specially made with formulation of S.B.R rubber for providing ultra heat & abrasion resistance. Recommended for temperature up to 180°C for coarse and 160°C for fines material.

GRADE FR: This belt is widely used in coal & such type of mines where the ambient temperature may not be high but there is distinct hazard of belts being enveloped in fire.

GRADE OR: specially compounded synthetic rubber cover grade is specially designed to give the best possible resistance to mineral, vegetable and animal oils.

HYGIENIC: This grade is specially manufactured from suitable non-toxic elastomers & is odorless. Recommended for handling foodstuff like tea, bakery, medicines, confectionery etc.

ROUGH TOP BELT: It is designed for transporting light weight goods, either being inclined or being horizontal, also suitable for transporting fragile or deformed materials

and packed goods, such as glass, papers, bags, boxes or cartons at angle from 15 to 35 degree. The bareback Rough Top belt makes less friction coefficient, suitable for running over table and flat panel. The design of mesh-like pattern on the top surface cover can generate the relief effect, absorbing any vibrations and impacts exerted on the materials conveyed and simultaneously preventing the material from slip.





Type of Edges: Available in cut edges and moulded (protected) edges.

Skim Coated: The belts are processed with all its fabric plies skim coated with superior quality rubber compounds

Mildew Inhibition: The rubber compounds used in the belts are designed such as to have full protection against mildew

Breaker Ply: To with stand extra impact during service the belts are provided with breaker ply on demand.

Belt Designation: Available in three types i.e. General Duty (GD), Heavy Duty (HD) and Extra Heavy Duty (EHD).

National and International Standards followed:

- 1. Bureau of Indian Standards (BIS)
- 2. British Standards (BS)
- 3. International Organization for Standardization (ISO)
- 4. German Standards (DIN)
- 5. Canadian Standards (CAN / CSA)
- 6. Australian Standards (ASS)
- 7. France Standrds (NF-T47-100/101)

Special features of IBC Conveyor Belts:

- 1. Unique Carcass Design & Assembly.
- 2. Superior Adhesion Levels.
- 3. Higher Longitudinal Flexibility.
- 4. Improved Transverse Flexibility.
- 5. Higher Tensile Strength.
- 6. Low Belt Stretch.
- 7. Outstanding Impact Resistance.
- 8. Improved resistance to mechanical damages.
- 9. Higher carrying capacity with low conveyor belt weight.
- 10. Rot Resistance.
- 11. Hot & cold splice proven.
- 12. Superior joint efficiency & increased life.
- 13. Universal applications.





STEEL CORD CONVEYOR BELT

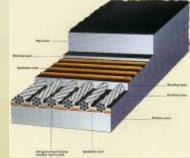
IBC Steel cord conveyor belts are widely used in high strength, long distance and heavy load transportation of materials, and they are also used in high strength and short distance transportation of materials on special occasions.

Width: Up to 2400mm

CHARACTERISTICS:

- 1. High tensile strength: The belts are suitable for large span, long distance transportation of materials
- 2. Small elongation in use: The belts need only a very short take-up stroke distance.
- 3. Small diameter of drive pulley: The belt body has a layer of longitudinally arranged Steel cords as its skeleton, and thus is resistant to flex fatigue.

 Therefore, drive pulley of smaller diameter can be used to make the equipment smaller.
- 4. High adhesion between rubber and steel cord: The cords are coated with zinc on there surface, and also the rubber used have the property of good adhesion with steel cords. Therefore, the rubber is tightly adhered to the steel cords and is resistant to shock and difficult to drop, so the rubber belts are long in life.
- 5. Even tension of steel cords: Out of our advanced techniques in manufacturing, the steel cords are very evenly arranged and have the same tension, so the belts are well balanced in running and difficult to run awry.
- 6. Good trough ability: As the belt body has no transverse skeleton, it is easy to form a deep trough, so the belts can load more materials and prevent the materials from escaping.



7. Inspection of the belt X-rays: Users can use X-rays to inspect damages of the skeleton steel cords on the conveyor machines to prevent accidents from happening.

Adhesion of steel cord:

V 3													
Strength	ST630	ST800	ST100	ST1250	ST1600	ST2000	ST2500	ST3150	ST3500	ST4000	ST4500	ST5000	ST5400
Adhesion N/mm (DIN22131-88)	n 60	70	80	95	105	105	130	140	145	150	165	175	180



PVC CONVEYOR BELT

IBC conveyor and process belts are specially made for light and medium duty industrial and service sectors. These belts are suitable for all types of Conveyors, whether horizontal, roller supported, troughed, inclined, with suction, curved, etc.

Our belts are manufactured by using specially developed fabrics, with covers made of PVC, PU, PE, polyester or silicone rubber. Our standard range comprises of more than 60 belt types and a large number of accessories.

The vast range of IBC products offer a choice of belts with many features including:

Anti-static and non-conductive
Food quality types to FDA and HACCP standards
Resistance to abrasion, oils, fats and chemicals
Surfaces with low, medium or high coefficient
of friction
High transverse rigidity and dimensional stability

Low noise (LdB belts)



Guides, profiles and sidewalls fitted by means of high frequency or hot air welding machines.

Curved or Corner conveyor belts it allows the solving of logistic problems through the deviation of the conveying system from a few degrees to a 180 ° turn.

Belts can be supplied endless spliced or with prepared ends for on-site splicing to be done with dedicated solutions.

The major application sectors for these belts are listed below:

Airports, Parcel handling, Postal automation, Commercial distribution, Sports equipment, Packaging and wrapping, Bakers and oven products, Chocolate and sweets sectors, Milling and grinding, Bottling plant, Fruit and vegetables, vineyards, Meat processing, Paper, cardboard and printing, Woodworking and furniture, Marble and granite, Brick, ceramics and glass.



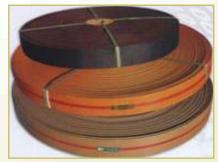


FLAT RUBBER BELT

Product characteristics:

Common flat rubber belt, also called transmission belt, commonly uses high quality cotton canvas as its skeleton layers. The surface of the canvas is scrubbed or coated

with appropriate rubber, and then several layers of rubber canvas adhere together to form the flat rubber belt. On the longitudinal seam of the belt, enclosing rubber is used to make the seam firmer and better adhered together. The flat rubber belt has the characteristics of high strength, good flexibility, and small elongation in use. It is mainly used in factories, mines, docks, metallurgical industry and etc, and also widely used in ordinary mechanical

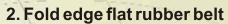


power transmission, great power processing of grains of rice and wheat, irrigation equipment, wood cutting and other power transmitting equipment for industry and agriculture. Therefore it plays more and more important role in various types of power transmitting equipment.

Product classification:

1. Cut edge flat rubber belt

Cut edge flat rubber belt is manufactured by adhering several layers of full width canvas together, the sides of the belt are flat surfaces formed by cutting, the belt edge surfaces are coated with rubber paste.



Fold edge flat rubber belt is folded by the outer ply or plies of canvas, and the sides of the belts are curved surfaces.



3. Balata packing belt

Available in 2mm to 15mm thicknesses in cotton or jute reinforcement compounded with natural rubber, these belts are used extensively in automobile industries for packing purpose.

The major application sectors for these belts are listed below:

Agriculture, floor mills, stone crusher, carton box folding industry,



PVC SOLID WOVEN BELTING

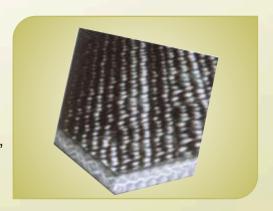
The product consists of solid woven fabric & PVC combined together by dipping and coating with PVC paste. The belt has good flame resistant and anti-static properties, with high tensile strength in proportion to weight, good integrity and no delimitation, excellent impact and rip resistance. The belt is much suitable to service in the conditions needing fire resistant and antistatic properties as coal mines, power stations, chemical and metallurgy industries.

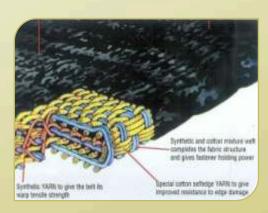
Features:

- Low stretch.
- Low maintenance.
- > Anti-static.
- > Flexible.
- Lightweight.
- Impervious to moisture, acids, oils, gases, sunlight.
- > Excellent fastener holding.
- Edge of the belt is abrasion resistant.
- Defect of ply separation cannot occur.
- > Endless belt splicing.

Standards Followed:

- 1. DIN22109
- 2.AS4606
- 3. BS3289
- 4. BC158







SANDWICH BELTS

Nylon Sandwich Belts

IBC nylon sandwich belts are manufactured from specially tanned flexible chrome leather/ imported synthetic rubber and high tensile uniaxially oriented polyamide sheets. The uniaxially oriented polyamide sheets which form the core layer provide

very high tensile strength coupled with high elasticity and high flexibility to IBC belts. The friction cover of chrome leather or synthetic rubber ensures high coefficient of friction and abrasion resistance endowed with these qualities IBC nylon sandwich belts naturally become superior substitutes of conventional belts providing much more freedom in drive, design and ensuring unparalleled advantages.

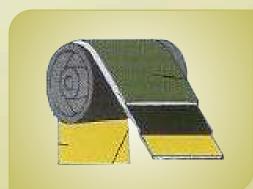


Unmatched characteristics

- Higher load carrying capacity.
- > Higher elasticity without permanent stretch.
- Low flex resistance.
- High coefficient of friction.

Rubberized Tangential Belts

High speed tangential drives of modern textile industry rank among the most critical drives and pose a formidable challenge to belt manufacturers, demanding high degree of accuracy of tangential belts. Due to high quality synthetics & other raw materials used by us, our IBC tangential belts have passed this acid test with distinction.



Unmatched characteristics

- High elasticity & resilience.
- High coefficient of friction.
- > High abrasion resistance.
- > High flexibility, low flex resistance.



CONVEYOR BELT PULLEYS, ROLLERS & IDLERS

At IBC, We have a wide range of Pulleys, rollers & Impact Idlers to satisfy stringent demands, from handling Light weight material to Heavy duty material for conveying various products like food items, sugar, cement, coal, stones, marble, paper, etc. The pipe is Accurately incise to length, to ensure concentric alignment of the welded bearing housing. Precision bearings are fitted as standard and are best suited for continuous running, even at high speeds. Sealed



versions are also available for dirty & arduous environments and for maximum longevity

DESIGNAND CONSTRUCTION:

- 1. Smooth Pulley surfaces provide maximum belt protection.
- 2. Pulleys are available with straight or crowned face:
- 3. Drive pulley lagging is usually provided to increase traction between belt and pulley.
- Each Product is designed according to its position in conveyor, considering all tension parameters.
- 5. Welded steel pulleys are of drum type, with rim, end disc and hubs designed to give maximum rim overhang, prevents accumulation of material.



SAILENT FEATURES:

- > Stable running, good quality, free maintenance.
- > Belt conveyor rollers are silent running.
- > Suitable for fast speeds.
- High accurate steel pipes ensure the rollers with low vibration and noise.



V- BELTS

We have full range of v- belts, harvester combine belts, space saver wedge & narrow v- belts, hexagonal v-belts, profile top v-belts & automotive wrapped belts. These belts have exceptional length stability and drive uniformity, "set free" provides assured belt length and easy inventory control. Heat & oil resistant plus static conductive.



	BEST COMPONENTS	JACKET FABRIC	CUSHION RUBBER	TENSION MEMBER	BAES RUBBER
	SOECIAL DESIGN FEATURES	Consists of specially designed abrasion resistant fabric obtained from M/s. Madura Coats, Impregnated with Neoprene Rubber	Consists of temperature stablised filter rubber.	Consist of extra strong polyster cords procured from M/s. Madura Coats, which are rubberized with Special compound for super bonding Of filaments	Consists of firm, uniquely Compounded rubber to withstand compression & to expand side ways to grip the pulley grooves while flexing over pulley.
	ADVANTAGES CONFOORRED TO PRODUCT	Heat/oil/wear Resistance And anti-static Property.	Minimises Internal Frictionin the cords, Cord to rubber and With base rubber, Insulates cords And	High strength, excellent length stability, low elongation, high flex fatigue resistance,	Better Flexibility, better belt grip on pulley grooves high compression resistance,
X			holds them In position.	Excellent flexibility And high resistance to Shock loads in service	better dimensional stability.

SECTION	TOP WIDTH		(NESS GLE	PITCH CIRCUMFERENCE (IN MM)	INNER CIRCUMFERENCE (IN INCHES)
SPZ SPA A B C D E BB	9.5 12.5 13.0 17.0 22.0 32.0 38	8.0 10.0 8.0 11.0 14.0 19.0 23.0	38 40 40 40 40 40 40	486 TO 3592 597 TO 4508 493 TO 5116 551 TO 7028 970 TO 10670 1552 TO 16081 4664 TO 16098	18 TO 140 22 TO 176 19 TO 205 20 TO 440 36 TO 418 75 TO 538 180 TO 538 70 TO 300



RUBBER HOSES

Water & Air Hose

Manufactured out of natural rubber based tube & reinforced with dipped polyester or rayon braiding, this hose is used for water & air delivery purpose in Railways, Mines, Dams, and Gardening etc.

Welding Hose

This hose is specially manufactured for gas welding purpose with Natural/Synthetic rubber compounding which is resistant to non combustible gases and oxygen gas.

Pneumatic Tool Hose

Made with high quality natural rubber tubing reinforced with dipped rayon yarn. This hose is basically used with compressors and other equipments as pneumatic tools for engineering purpose, etc.

Rock Drill Hose

Manufactured with specially formulated Natural & SBR rubber based tube reinforced with double or triple braid options of Dipped polyester or rayon yarn as per the requirement for drilling purpose in deep excavations operations & mines.



Steam Hose

Reinforced with high strength synthetic yarn braided in premium quality Natural rubber tubing, this hose is used in thermal power plants, steel mills & in many other industries for passing on saturated steam at a specified pressure.

Super Spray Hose

Made with the blend of Natural & Synthetic Rubber Tubing Braided with Dipped Rayon Yarn, this hose is used for spraying liquid formulation of insecticides, funguses and weeding.



All the above hoses are available in red, blue & black colors with smooth, wrapped or lining outer surface options.

Inner Diameter is available up to 4 inches in single to triple braid.



RUBBER SHEETS

Made out of Natural, Neoprene, Synthetic textures to suit different applications in industries, power houses, agriculture and other general purposes. These are manufactured as per various IS Specification.

PULLEY LAGGING SHEET

IBC Diamond ceramic lagging offers an economical approach for prolonged belt life and increased productivity, while providing a reliable solution for belt slippage. It is ideal for customers with medium tension conveyor pulleys, suitable for existing rubber lagging applications that experience high levels of wear and tear.



GENERAL RUBBER SHEETS

Manufactured out of natural rubber are unhardened solid rubber sheets, Recommended for general purposes.



Manufactured out of natural pure rubber.
Recommended for steam & Water pressures.

SYNTHETIC RUBBER SHEETS

Manufactured out of Neoprene, Nitrile, Butyle or as per the requirement of the end user. These are used as essential device against

corrosive affects of Acids, oils, chemicals, petrol & Heat.

ELECTRIC RESISTANCE RUBBER SHEETS

Natural rubber based electric resistance sheets are used in power houses, sub-stations, factories & industrial set ups, as an essential device against possible accidental power leakage.





TIMING BELTS

A timing belt is a type of cogged belt, usually made of reinforced rubber. Timing belts are used for power transmission or to interchange rotary motion and linear motion. In such cases, either high loads or maintaining a specific drive ratio are very important. A common non-automotive application of rubber timing belt is in linear positioning systems. Thus, the basic purpose of timing belt is to transfer driving force by connecting wheel transmission, chain transmission and belt transmission. Rubber belts are quieter in their operation, are less expensive and are mechanically more efficient. We have timing & polyflex V-belts in different nomenclature like: T5, T10, T20, AT5, AT10, AT20, H, L, XL, XH, XXH, MXL, 3M, 5M, 8M, 14M, etc.

Advantages

- Anti-wearing out
- > Small elongation rate
- > Strong
- Cost effective
- > Anti-oil
- Anti-heat
- > Anti-ageing
- > Anti-ozone
- Simple transmission mechanism
- Light weight
- No Lubrication
- Less noise while running
- Easy for maintenance



Types of rubber timing belts

- Rubber synchronous driving belt: This is a special kind of rubber driving belt to transmit the mechanical driving force.
- ➤ Circular arc tooth belt: Used in sewing machinery, food processing equipment and small household electrical appliances. Composed of closed round rubber, teeth and attached belt or pulley.
- T-Type Belt etc.

Applications: Automobile Industry, Chemical fiber, Needlework equipment, Spinning equipment, Cigarette marking machines, Printing machines, Office equipment, Communication equipment, Foodstuff machines, Chemical machines, Light industrial machines and Various precision machine tools and instruments.



BELT JOINTING ADHESIVE

FEVICOL SR CBR7 & CBA7

FEVICOL brand adhesives are the largest selling brand of adhesives in India. Professionals all over rely only on FEVICOL for a perfect job. Jointing of Rubber Conveyor Belts, Rubber Flat Belts, Rubber Sheets etc., is done quicker and better with

FEVICOL SR CBR7 & CBA7.

Product features:

- Faster curing
- Reduces down time
- Ease of application
- Adequate tack retention time
- Longer shelf life



Appearance: Yellowish brown viscous liquid

Solid Content: 18-19%

Viscosity: 12-16 poice @ 39°C

Retention Time: 5-7 Min.

Open Time: 5 Min.

Packing: CBR7-1ltr & CBA7-50ML





CONVEYOR BELT FASTENERS

When conveyor belt is working, safety is paramount, so don't put you or your workers at risk anymore. Using our Super Grip Belt Fasteners you can rest assure a tight joint to clamp the conveyor belt ends to form a continuous loop & get the safer atmosphere to work.



Product classification:

- 1. Made of zinc coated carbon steel or wear resistant (WR) steel, dichromate (Top and Bottom plates).
- 2. Four type of sizes to meet the requirement of most applications.
- 3. Each fastener set contains 1 top plate, 1 bottom plate, and 2 bolts.

Sizes Available

1.5 No., 2 No., 2.5 No. & 3 No.



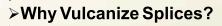
SERVICES PROVIDED BY US.

IBC offers both on-site & off-site professional service on the basis of experience and new technologies. We adapt to our customer's needs and offer tested and reliable solutions. We provide conveyor belt Jointing (Endless), Installation, Repair and Maintenance with a hands on service second-to-none.



Our conveyor belting products and services include:

- Splicing and repairs of belts.
- Hot and cold vulcanizing of Rubber & PVC conveyor belt.
- PVC solid woven finger splicing & vulcanizing.
- Pulley Lagging.
- Steel cord belt reclamation & vulcanizing.
- On-site repairs and maintenance.
- We also provide consultation services for belts & systems from our most experienced Engineers.



- >IBC recommend vulcanized splices.
- ➤ Here's their reason:
- Safer and more dependable.
 Many vulcanized splices last the life of the belt. They give longer warnings of failure while requiring much less attention than mechanical clips.
- Freedom from tear hazards.
- > A tight joint to hold material.
- A joint as smooth as the belt itself, free from clanking impact with pulleys, idlers and cleaning devices.
- More strength in the splice with the possible reduction in the number of plies.
- > Freedom from fastener bending stresses over small pulleys.
- Elimination of accelerated heat deterioration caused by fasteners.
- More economical, no more fasteners to replace.

With our round-the-clock, 7 day-a-week service and maintenance support, customers can be assured that if there is a problem, Endless Belt will quickly be on the scene to minimize costly down-time and get things rolling again.





