

FLEXCO® BOLT SOLID PLATE

Fastening System

Belt Joints



Common myths-

- Fasteners are not a permanent joint.
- Damages the pulley lagging or rollers.
- Cleaners doesn't work with fasteners.

Flexco wouldn't be the market leader for over 111 years as if any of the myths are true.

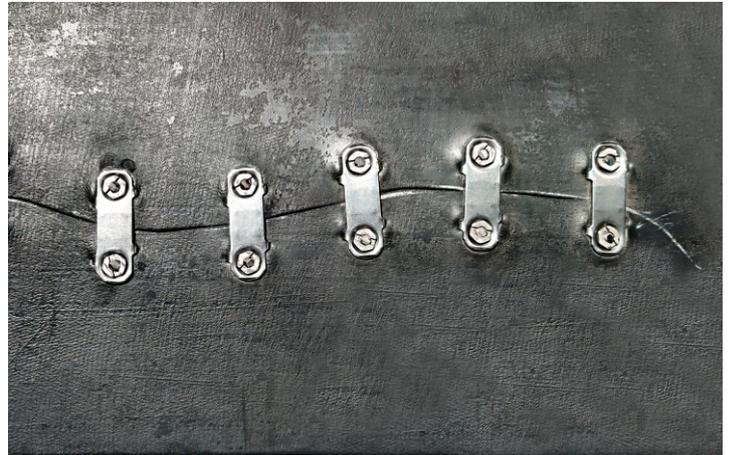
Selection Guide

Fastener Size	Belt Strengths Upto (kN/m)	Belt Thickness Range (mm)	Minimum Pulley Dia (mm)
140	600	5-12	360
190	1000	8-19	460
2-1/4	1200	14-25	920

Belt Joints

- Extremely fast & easy installation and at fraction of the time compared to vulcanising.
- Different material of construction available based on application.
- Strongest bolt fastener in the market.
- Lok tape for sift free splice.
- Easy inspection.
- Early failure warning.
- No skill requirements for installation.

Rip-Repair



What we offer-

- Over 111 years of experience in mechanically joining belts.
- Customers in over 100 countries trust us.
- Offer an effective low cost high strength joint option against vulcanising for longer durations.
- Designed for Heavy Duty application- Steel, Coal, Cement, Mining etc.
- No limited shelf life.
- Reduced belt waste.
- Old and wornout belts can be joined mechanically many times.



Exclusive Piloted Bolts: Tapered tips that cradle nuts securely in place. Reduce installation time. Easy to use.

Rip Repair

Use standard Flexco® Solid Plate fasteners to repair conveyor belt holes and edge tears & for jagged length-wise conveyor belt tears.

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What you need to do these Joints?

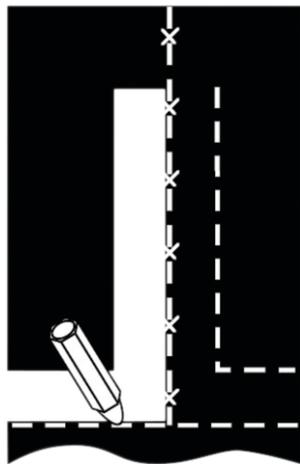
BSP Tool Kit



Templets available for 140, 190 & 2 1/4". It simplifies installation by providing a guide for accurate bolt-hole placement.

BELT SQUARING

Accurate squaring of belt ends is essential to optimal positioning of the belt splice and provides for better fastener performance. Unevenly squared belts can lead to uneven belt tensions, belt mistracking, spillage issues, and ultimately to splice failure.



Square belt using centerline method.

Cut belt at least 4" (100 mm) behind old splice using a Flexco belt cutting tool. Skive belt when top cover permits.

Power Gun - Battery operated.



Power Gun with cord



Value Proposition (in INR)

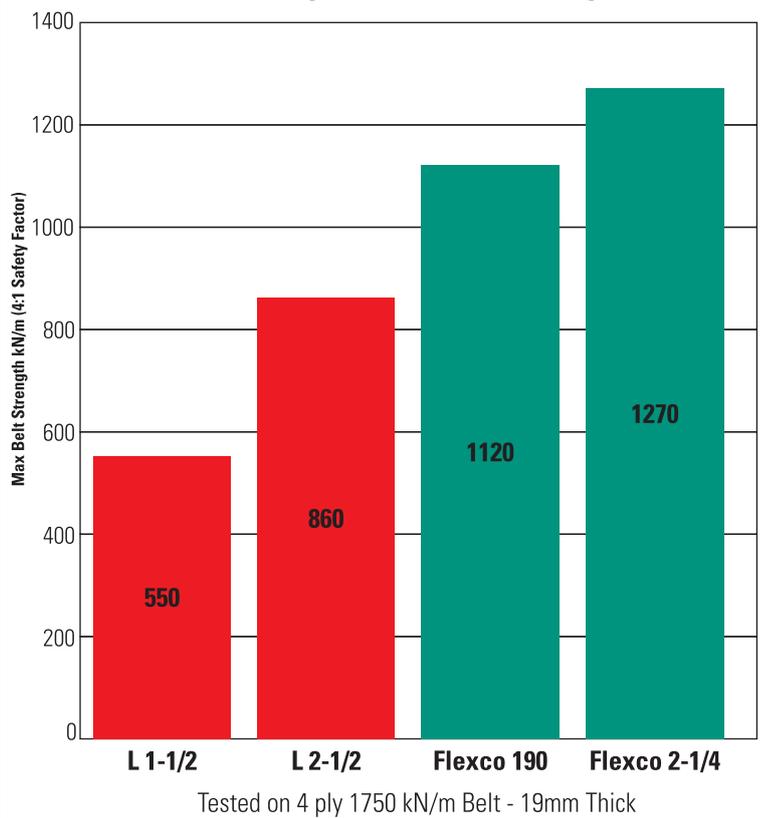
	Hot Vulcanizing	Cold Vulcanizing	BSP
Material	9,000	5,500	1,042
Labour	5,000	2,500	1,000
Belt cost	4,500	4,500	600
Downtime	8 hrs.	3 hrs.	1 hr.
TOTAL	18,500+8hrs DL	12,500+3 hrs DL	2,642+1hr DL

(*DL - Down time loss)

(considered 1000mm belt width of 12mm thick/3ply with 1000 KN/m rating)

Flexco's BSP costs only 21% of cold vulcanizing while life is comparable to hot vulcanizing

Flexco BSP Comparison to Local Competitors



Authorised Dealer

Visit our website or contact your local distributor to learn more.

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