

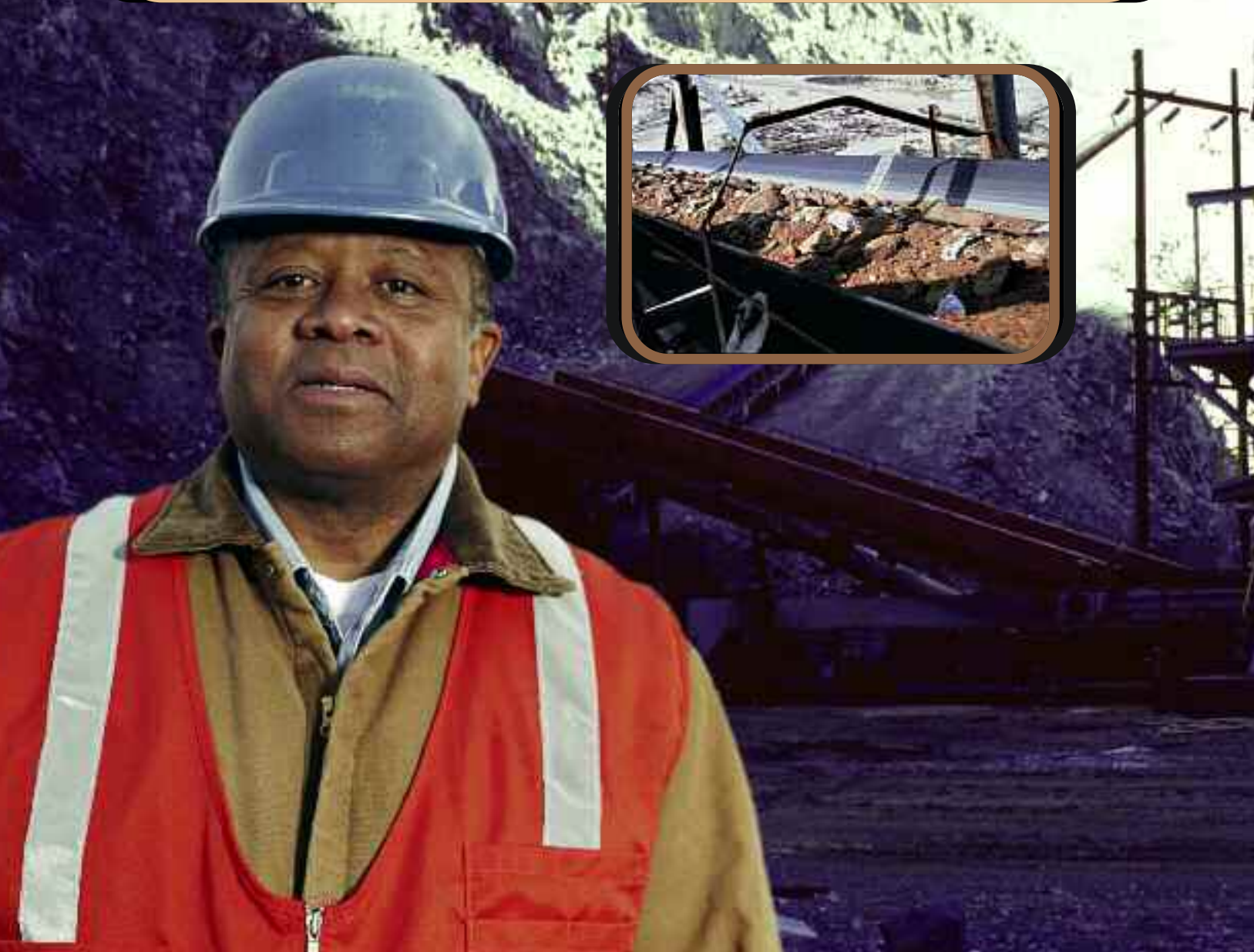


FASTER. EASIER. SAFER.  
SMARTER.

**FLEXCO**

***Belt Conveyor Solutions for  
Aggregate  
Applications***

“Flexco mechanical belt fasteners  
are so easy and dependable,  
they’re pure genius.”



# SMARTER.

With a strong, durable splice and faster installation, mechanical belt fasteners get you up and running and keep you running with less cost.

[www.flexco.com](http://www.flexco.com)

# Flexco Advantage:

Mechanical belt fasteners simplify belt conveyor maintenance and can be installed faster and easier than vulcanized splices.



## Quick Installation

- Most mechanical splices can be installed in less than an hour.
- In aggregate applications, vulcanized splices can take eight hours or more.



## Simple Installation Tooling

- Using simple, portable installation tools your own maintenance crews can install mechanical belt fasteners.
- Vulcanization requires specially trained people—usually not your own employees.



## Easy Inspection

- Generally with mechanical belt fasteners, wear can be seen before failures happen.
- Vulcanized splice breaks typically start within the belt causing catastrophic failures.



## ◀ Flexco FACTS

Flexco works closely with belt manufacturers to design fasteners that work effectively with the latest belt technology. The strength of Flexco® Bolt Solid Plate fasteners results from the compression of the plates that distributes the splice tension across the full width of each fastener plate. Specially formed teeth on each plate provide additional strength and resistance to pull-out.

“Moving thousands of tons of aggregate materials every day  
requires a heavy-duty  
fastening system that’s tough.”



# STRONGER.

Installing the right mechanical belt fastener ensures an incredibly strong, permanent splice that exceeds most belt manufacturers' mechanical fastener specifications.

[www.flexco.com](http://www.flexco.com)

## Flexco Advantage:

Flexco uses high-quality metals with consistent grades for all of our fastener products.

### Flexco® VP™ Rubber Covered Fasteners

- Provide increased impact protection of top plates and reduced plate exposure to wear, resulting in longer splice life.
- Ideal for use with cleaners and highly abrasive materials.



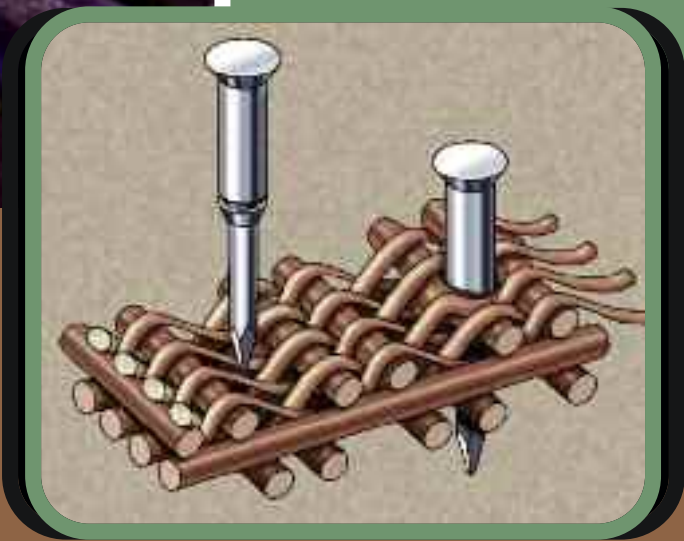
### Flexco® Bolt Fastener Systems

- The industry standard when it comes to meeting the demands of the toughest material-handling applications.
- Installation can be done on-site using portable hand or power tools.



### Flexco® Rivet Fastener Systems

- Recommended for the most demanding high-tension applications.
- The staggered, multiple-point rivet attachments deliver long-lasting holding ability.
- Ideal for use with straight-warp belting.



### ◀ Flexco FACTS

The Flexco® BR™ Rivet Solid Plate Fastener System is specifically designed for straight-warp carcass belting. The staggered, multi-point attachments penetrate between carcass fibers without severing them, delivering long-lasting holding ability.

# Flexco Advantage:

Faster installation means increased productivity.

## Simplified Installation

- Flexco® Quick Fit™ Pre-Assemblies have “moveable” mounting bolts that are pre-assembled into the bottom plate to simplify handling and positioning beneath the belt for faster installation.
- Self-adjusting, piloted bolts cradle nuts securely in place, eliminating the need to twist nuts onto bolts by hand to keep them in place.



## Get Up And Running Fast

- Mechanical belt fasteners can be installed quickly on-site with our easy-to-use hand and power tools.
- Installation and maintenance typically requires no specialized training.



## Faster, Smoother, Sift-Free Splices

- Exaggerated bolt hole spacing in the installation templet helps create a tight splice that prevents sifting by forcing the squared belt ends together.
- Flexco-Lok® belt tape allows for a smooth splice and added sifting prevention.



## Flexco FACTS ►

Flex-Lag® Pulley Lagging comes in easy-to-install strips for faster installation on-site. Eliminates high waste factor encountered with conventional sheet material lagging. Flex-Lag products are available in both rubber for standard applications and ceramic styles for increased water shedding capabilities and traction.



“Flexco Heavy-Duty Fastener solutions help

**maximise our uptime  
and productivity.”**

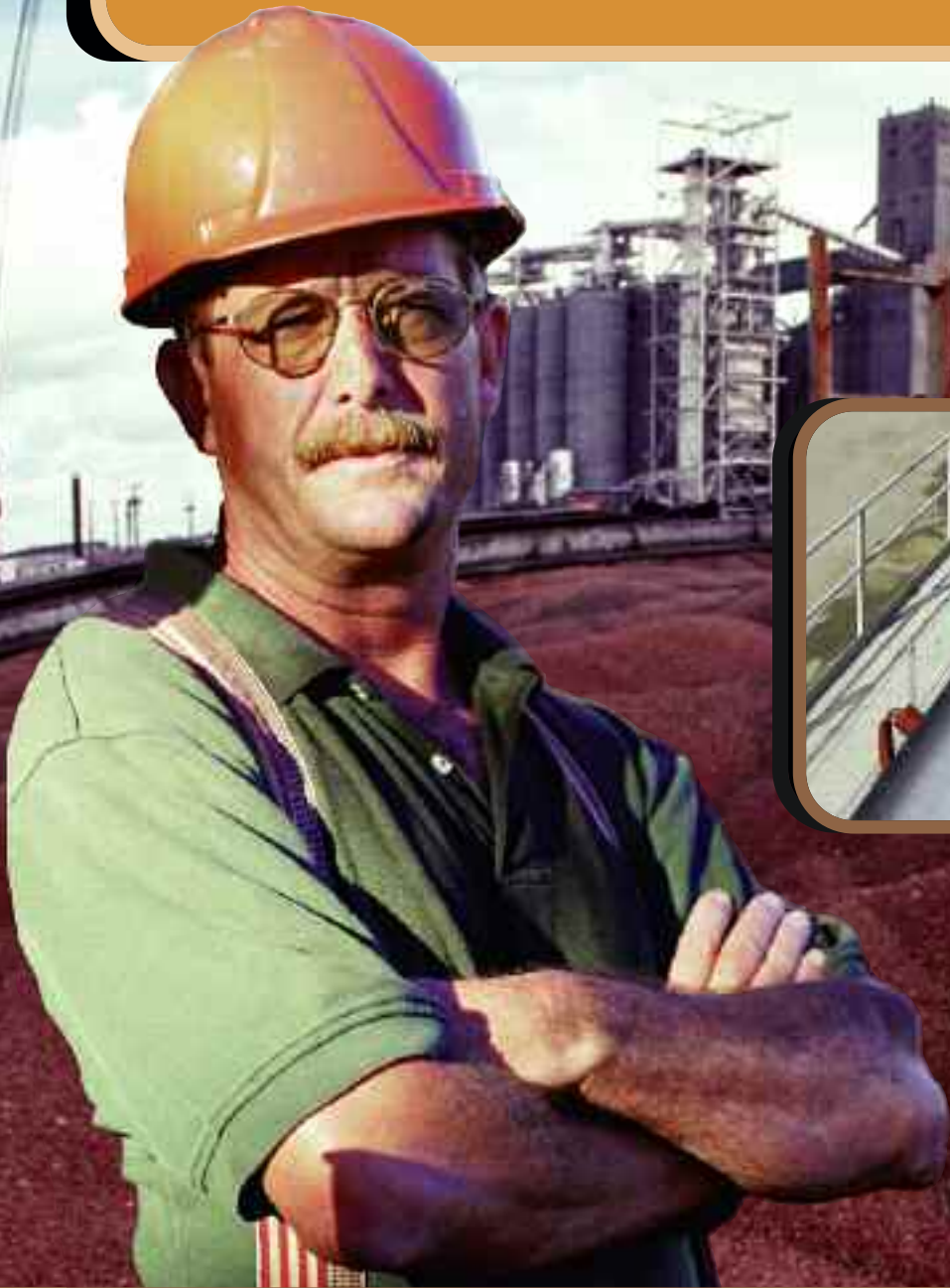


# FASTER.

Flexco Safe™ maintenance and installation tools and improved fastener designs help make repairs on conveyor systems faster and simpler.

**FLEXCO**

“Easy installation  
is the reason we switched to Flexco.”



**EASIER.**

Flexco's innovative fastener designs, belt cleaners and specialized tools for the aggregate industry minimize downtime and make on-site installation easy.

[www.flexco.com](http://www.flexco.com)



# Flexco Advantage:



Mechanical belt fasteners and cleaners keep belt lines up and running to help maximise job productivity.

## On-Site Installation

- Because a mechanical splice is visible, any wear or deterioration is apparent immediately. This allows maintenance crews to proactively repair belts during scheduled downtime.
- Installation is quick and easy, and requires only portable hand tools. Power tools can be used along with the Flexco® Quick Change Chuck and an impact tool.
- Mechanical belt fasteners, belt positioners and skirt clamps are designed for simple installation and only require basic mechanical skills.



## Easy On-Site Maintenance

- Flexco Safe™ installation tools are used directly on the belt conveyor.
- Rockline® RBP1 Belt Positioner™ correctly “positions” return side belts for an immediate, permanent solution for mistracking belts.
- Rockline® RDP1 Diagonal Plow is easily installed on a 45° angle across the belt to discharge debris to one side of the belt.

**ROCKLINE**



## ◀ Flexco FACTS

The Rockline® EZP1 Pre-cleaner comes complete with everything you need for quick and easy installation, plus a quick-change blade for fast and easy blade replacement. A marking template and a pole location gauge help make sure the cleaner is installed in the right position to do the job you need.

**FLEXCO**

# Flexco Advantage:

Flexco provides both tools and training to make belt conveyor maintenance as safe as possible.

## Safety Training

- Installation guides, on-site training, and web-based safety task training at [www.flexcosafe.com](http://www.flexcosafe.com) provide comprehensive information on safe procedures for belt conveyor maintenance.



## Flexco Safe™ Tools

- 840 Series Belt Cutter:  
Chain-driven, double-edged safety blade is shielded from operator contact and cuts rubber or PVC belts up to 25mm (1") thick.
- Far-Pul® HD® Belt Clamps:  
Easy to use, lightweight and sturdy. Specifically engineered for heavy-duty applications.
- Flex-Lifter™ Conveyor Belt Lifter:  
Durable and lightweight Flex-Lifter can safely lift a fully loaded belt. Use with flat or troughed belts without damaging belts.



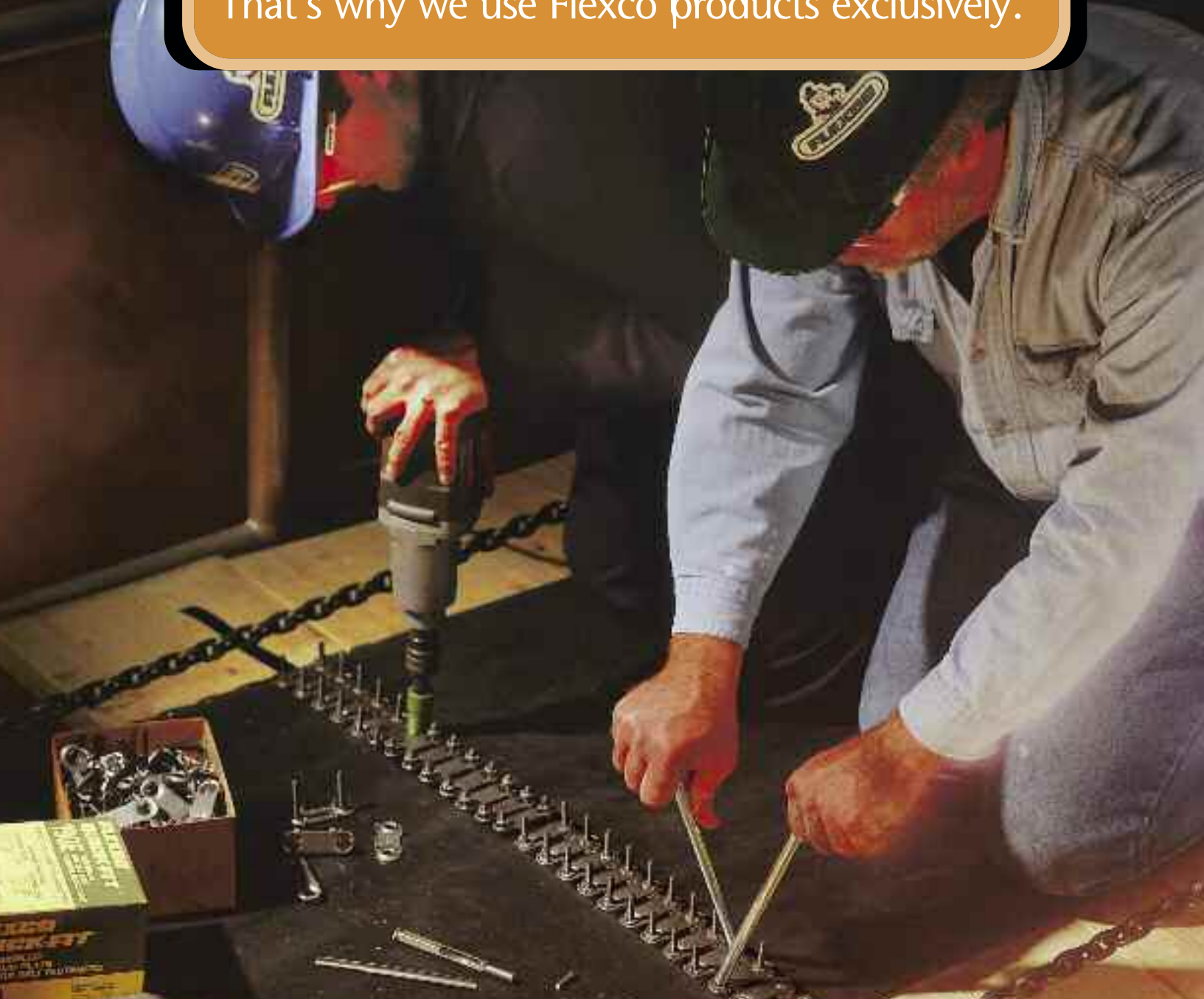
## Flexco FACTS ▶

The FSK™ Belt Skiver adjusts easily and precisely to various cutting depths to help prevent damage to the belt carcass. Easy to carry and operate around the job site—even in cramped operating environments.



“Safety is job one.

That’s why we use Flexco products exclusively.”



**SAFER.**

Flexco offers a wide assortment of installation and application tools designed with the safety of the operator in mind.

**FLEXCO**

# Flexco Advantage:

Flexco designs and manufactures a complete line of fastener-friendly belt cleaners for the aggregate industry including precleaners and secondary cleaners.

## Rockline® EZP1 Precleaner



- Features a unique uni-blade design that combines simple, do-it-yourself installation, quick maintenance and effective cleaning results.
- Visual blade tension check to assure optimal blade-to-belt tension at all times.



## Rockline® EZS2 Secondary Cleaner

- FormFlex™ cushions automatically adjust the individual tension of each blade to the belt.
- Each individual cushion is independently tensioned so, as the blade wears, the cushion continues to power the blade to the belt—regardless of the wear rate on adjacent blades.
- Mounts easily on any conveyor structure.



## Rockline® ConShear™ Replacement Blades

- The patented, faceted profile design allows the blade to renew its cleaning edge as it wears.
- Molded-in wear line indicates when the blade is worn and needs replacing.
- ConShear™ blades are made from a specially formulated urethane for superior abrasion resistance. Independent tests show a 25% to 30% longer wear life than other urethane blades.



## Flexco FACTS ▶

Rockline® cleaning systems are specifically designed to work together with Flexco mechanical splices. The independently tensioned cushions allow the cleaning tips to move away and glide over the splice without damage and with minimal cleaning disruption.



“Finally, a durable cleaning system  
that works effectively with  
my mechanical fasteners.”







# CLEANER.

Simple installation, quick maintenance and effective cleaning results make Rockline® the preferred choice.

**FLEXCO**

# Choosing the right fastener for your needs.

Flexco offers a wide variety of mechanical belt fastener systems for Aggregate applications based upon specific needs. To select the recommended system that's right for your application, refer to the chart below.

Your Need	Our Recommendation	Other Smart Options
Ease of Installation	 <p>Quick-Fit™ Bolt Solid Plate Fasteners can be installed on-site using portable hand or power tools.</p>	Bolt Hinged VP Vulcanized Plate
Impact Resistance of Splice	 <p>VP™ Vulcanized Plate Rubber Covered Fasteners provide increased impact protection of top plates and reduced plate exposure to wear.</p>	Bolt Solid Plate BR Rivet Solid Plate
Abrasion Resistance	 <p>Quick-Fit™ Bolt Solid Plate Fasteners commonly used on belts conveying highly abrasive materials.</p>	VP Vulcanized Plate BR Rivet Solid Plate
Fastener/Cleaner Compatibility	 <p>VP™ Vulcanized Plate Rubber Covered Fasteners compatible with Rockline® belt cleaners.</p>	Bolt Solid Plate BR Rivet Solid Plate

**Your Need**

**Our Recommendation**

**Other Smart Options**

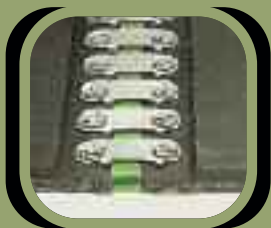
Overall Strength of Splice



**BR™ Rivet Solid Plate Fasteners**  
staggered, multiple-point attachment delivers long-lasting holding ability.

Bolt Solid Plate  
SR Rivet Hinged

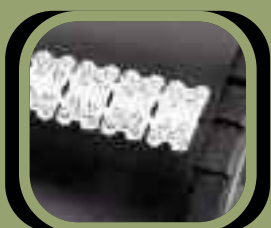
Inexpensive Splice



**Quick-Fit™ Bolt Solid Plate Fasteners**  
a strong, sift-free splice with superior holding ability.

Bolt Hinged  
VP Vulcanized Plate

Higher Tension Splice



**BR™ Rivet Solid Plate Fasteners**  
recommended for the most demanding high-tension applications.

SR Rivet Hinged  
Bolt Solid Plate

Non-Magnetic



**Quick-Fit™ Everdur Bolt Solid Plate Fasteners**  
spark-free, long-wearing, non-magnetic. Used on belts employing magnetic pulleys and separators.

Bolt Hinged  
VP Vulcanized Plate

Small Pulley Diameter



**SR™ Rivet Hinged Fasteners**  
**Bolt Hinged Fasteners**  
ideal for belt conveyors with smaller pulley diameters.



◀ **Flexco FACTS**

Flexco offers a wide variety of mechanical belt fastener systems so you can select the one that is best suited for your needs. Additional selection information can be easily found at [www.flexco.com](http://www.flexco.com).

- *Less downtime*
- *Easier to install*
- *Greater safety*
- *Reduced maintenance costs*
- *Increased productivity*

F A S T E R . E A S I E R . S A F E R .  
S M A R T E R .



[www.flexco.com](http://www.flexco.com)

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