

Welcome to Flexco® R2 Rivet Hinged

FLEXCO®



MEDIUM-DUTY FASTENER SYSTEMS

Let us know your priorities

- ✓ **Quick belt splice and minimal downtime**
- ✓ **None dependency on outside agency for vulcanizing.**
- ✓ **Impact Resistant belt joints**
- ✓ **Abrasion Resistant belt joint**
- ✓ **Inexpensive belt joints**
- ✓ **Inexpensive installation tooling**

R2 Rivet Fastener Applications

- Construction & Road Equipment
- Asphalt Plants
- Wood Processing
- Sand & Gravel
- Sugar
- Captive Power Units



R2 MEDIUM-DUTY FASTENER

R2 Applications

- Designed for rubber plied and PVC solid woven belting, as well as for older worn belts.



Specification Guide

Fastener Size	Belt Thickness Range mm (in.)	Mechanical Fastener Rating kN/m (P.I.W.)	Recommended Minimum Pulley Diameter mm (in.)
R2	3-10 (1/8-3/8)	60 (330)	127 (5)

R2 Metal Selection



- **Steel:** Plated steel is the standard fastener material for most applications. Plating helps combat mild corrosion.
- **Stainless 300 Series:** Provides extra resistance to abrasion, magnetic attraction, and corrosion from acids and other chemicals.



Rivet Selection



<i>Rivet Selection Chart</i>		
Belt Thickness Range		Rivet Size
in.	mm	
R2		
1/8-7/32	3-6	SRAA
3/16-5/16	4-8	SRA
9/32-3/8	7-10	SRB



R2 MEDIUM-DUTY FASTENER

Hinge Pin Selection

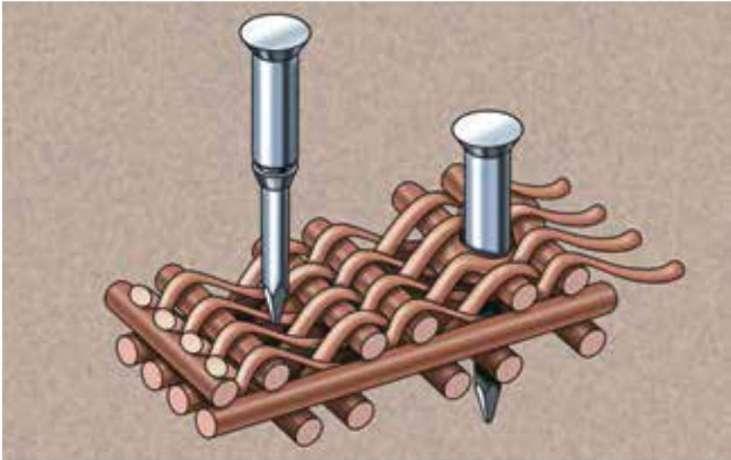
- **Bare Armored Cable:** Heavy-duty, long-wearing pin popular in underground mining applications. Armor wrapping protects interior wires.
- **Bare Armored Stainless Steel Cable:** The same advantages as bare armored cable plus corrosion resistance.



Features & Benefits



- Ideal for harsh environments. Not affected by temperature, dirt, or humidity levels.
- Rivet technology allows permanent joints without damaging carcass.
- Can be installed by local crew with simple tools.



Features & Benefits



- Reduced wear and tear on the fastener extends the life of the splice.
- The viewport simplifies fastener positioning and installation.
- Features a low profile, reducing the fastener's exposure to cleaner blades, skirt rubber and return idlers.



Features & Benefits



- The same hammer blows that set the rivets also compress the fastener plates into the belt cover.
- Distributes the splice tension evenly across the width of the belt.



Product Installation

Laser Belt Square

- **Quick and accurate method to square belts**
- **Great for on-site and for belt shops**
- **For use in tight areas and on conveyors with side pans**
- **Sealed from dust and water spray**



Installation Tools

- Make straighter cuts – time after time – with the lightweight, easy-to-use **840 Series Belt Cutter**.
- Cuts in both directions.
- Designed to enhance operator safety.
- Grips belts securely.
- Safety blade is shielded from operator contact.



Installation Tools

- The **R2T** installs up to 300mm (12") of R2 fasteners in one pass. For wider belts, simply move the tool over.
- It's lightweight and portable.



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Additional Resources

For more information visit
<http://www.flexco.com>

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