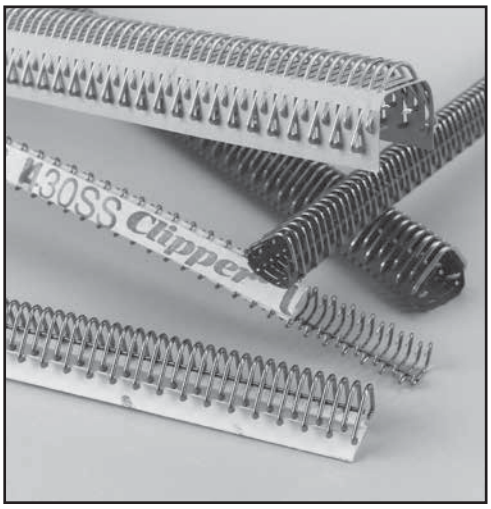
INSIGHTS™
Belt Conveyor Maintenance
TECHNICAL SOLUTIONS FOR BELT CONVEYOR PRODUCTIVITY

Common Bar Hook Fasteners vs. Carded Hooks

What are wire hooks and how are they used?
Over the years, wire hooks have been designed with a variety of wire diameters, leg and point lengths, metals, strip lengths, and styles, offering greater flexibility in tailoring the wire hook to specific application needs. The double staggered grip pattern gives wire hooks exceptional holding power without degrading the integrity of the belt carcass. They are low-profile, making them compatible with conveyor components and compliant with the need for reduced operating noise.

Wire hooks are typically used in package and parts handling, general manufacturing, commercial laundry, food processing, agriculture, and filter media.



What is the difference between Carded Hooks and Common Bar Hook Fasteners?
Carded hooks are simply individual hooks that are secured on carding paper. Flexible and available for use in a variety of applications, carded hooks make handling the hooks safe and easy.

Common bar hook fasteners are formed by welding each hook to a common bar. The welded bar creates a stable strip of fasteners to eliminate damage during handling. They contain a safety strip that covers the hook points to protect the fingertips, yet is easily removed prior to lacing.

Which is better for my application?
In many cases, the decision to use carded hooks or common bar hook fasteners depends on each operator's preference. However, both the carded hooks and common bar hook fasteners have their own benefits.

In the case of carded hooks, for example, their flexibility makes them essential for use with bias splices and troughed belt applications. Common bar breakage is a concern in these applications, so carded hooks are preferred. Carded hooks are available in several different specialty metals, meeting the needs of a wide range of applications.

If flexibility is an advantage for carded hooks, then rigidity is an advantage for common bar hook fasteners. The welded bar creates a flat, finished splice so that belt "wave" is eliminated. Under abusive applications, the welded common bar also helps equalize the load across the full width of the splice to protect individual hooks.

Common bar hook fasteners as a maintenance solution
The common problem of belt wave, which results from carded fasteners being installed on a thinner belt, is prevented by the common bar that is welded to all the hooks. This same bar allows the splice to ride flat on a conveyor system, making it more compatible with conveyor transfer points and components.

Since the hook legs are held parallel to each other through the welding of the bar, individual fasteners can't tip side to side. This benefit allows an installer to perform routine maintenance quickly by easily removing the pin, working on the conveyor, and reinserting the pin. During the installation process, handling fasteners is easier because if a strip is dropped, individual hooks will not dislodge from the strip as in the case of carded hooks.

Common bar hook fasteners can easily be cut to the appropriate length or ordered in special lengths up to 60" (1500 mm).

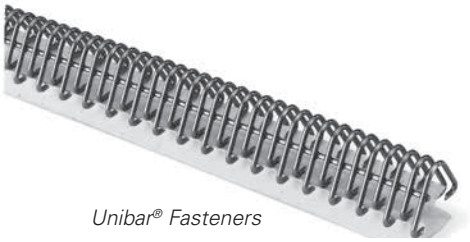
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Clipper® Hooks from Flexco

Since its inception, the Clipper® Wire Hook System has earned a reputation for continued innovation and proven performance. Clipper Unibar® fasteners and carded hooks are no different.

Unibar® Fasteners - Formed by welding each Clipper hook to a common bar, Unibar fasteners are strong and stable and contain an easy-to-remove safety strip to protect fingertips. Their versatility makes them perfect for any light-duty application and especially useful in applications where individual hook loss is a concern.

Carded Hooks - The original solution to keeping hooks together, individual Clipper hooks are secured on carded paper for ease of handling and flexibility. Carded hooks work best in bias or troughed belt applications. Clipper carded hooks are available in a wide variety of metals and sizes.



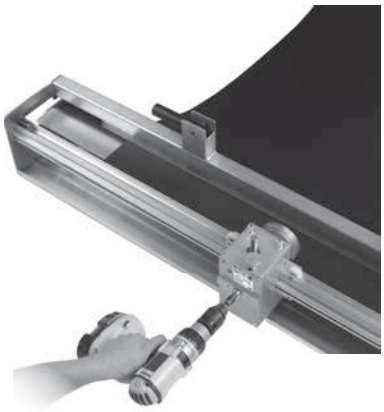
Unibar® Fasteners



Carded Hooks

Also available from Flexco

Clipper® Roller Lacer® Gold Class™ - The power-driven Clipper Roller Lacer Gold Class features a head that is power-assisted by a cordless drill, reducing the amount of time required to install hooks by 35%. Built-in safety features prevent the lacer head from contacting end plates. The face strip design securely holds hooks during installation, eliminating the need for locking levers and back up bars. The result: fewer installation steps, a lighter tool, and improved reliability of the lacer.



Roller Lacer® Gold Class™

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