Airport Baggage Handling Market



Airports use conveyor belts in a variety of ways to sort baggage and transport it to the final destination. In order to ensure baggage arrives with the passenger, it is important that the conveyor system is running optimally. Flexco, the world leader in belt fastening technology, offers a variety of belt fasteners to meet the demanding needs of the airport industry. Careful selection, installation and preventative maintenance can significantly reduce belt splice costs and downtime.

Mechanical Fasteners Offer Advantages Over Vulcanization:

The growing trend in the international airport market is shifting away from vulcanized splices toward mechanical belt fasteners. This is due to the greater operating efficiencies that can be achieved with installing mechanical belt fasteners. Not only is the cost of a mechanical belt splice less expensive than the cost of a vulcanized splice, it can also save significant downtime costs through:

- Quick Installation A reliable belt splice can be installed in approximately 20 minutes. Vulcanized splices can take hours or days. Quicker installation means less downtime and greater productivity.
- Easy Installation It is impossible to claim that vulcanization offers any advantage over mechanical fasteners in terms of easy installation. Mechanical fasteners can be installed on-site and typically require only one installer with basic technical skills. Vulcanization is a long, involved process that often requires trained outside contractors who may have to do the job off-site.
- Proactive Maintenance Because a mechanical splice is
 visible, any wear or deterioration is immediately apparent.
 Replacement or repairs can be scheduled during brief periods of
 downtime or at the end of a shift. A deteriorating vulcanized
 splice, in comparison, is not easily detected. Catastrophic line
 failure can be the first indication of trouble once adhesion
 breakdown occurs inside a vulcanized splice.





Flexco, an innovator and manufacturer of conveyor belt fasteners since 1907, offers a wide variety of fasteners to select from. See the reverse side for more information on the Clipper[®] Wire Hook, Alligator[®] Ready Set[™] and Alligator[®] Spiral Lace fastening systems.



Belt Fastening Solutions from Flexco:

Clipper® Wire Hooks



For quick splice installation, rely upon Clipper® wire hooks. All Clipper splices are machine applied for quicker downtime and greater consistency with the installation of the splice. The Clipper splices are available in a wide variety of sizes, metals, and lengths. Select high tensile hooks for high wear applications or select Unibar® fasteners (each individual hook is welded to a common bar) for easier handling and installation.

Clipper's maintenance lacers – the Roller Lacer® and Microlacer® – are built with the exclusive Roller Lacing Technology™. This technology simultaneously drives the top and bottom rollers across the width of the splice, embedding each hook individually with clean penetration and consistency. The ability to control roller pressure assures the strongest possible splice, with uniform hook clinch and extended life. The lacers are also portable and incorporate built-in belt clamps, allowing a single person to install a splice.



Alligator® Ready Set™



Alligator® Ready Set™ fasteners offer simple installation and strong, long-lasting splices. The Ready Set splice gains its strength from the compression fit of the plate onto the belt and the ability of the staples to cleanly penetrate through and cross-

clinch on the underside. Fasteners are available in both steel and stainless steel with the staples pre-staked into the fasteners for quicker and easier installation.

To install the fasteners, simply bring the portable tool and a hammer to the job site. Secure the belt and fasteners into the tool, drive the pre-staked staples through with the hammer and special punch, remove the belt and final set the staples.



Alligator® Spiral Lace



Increasing demands for security scanning belts have increased the need for a non-metallic splice. The Alligator® Spiral Lace is a low-profile, non-marking, hinged splice that is ideal for security belts. Alligator Spiral Lace is vulcanized into the belt by belt fabrication shops. Available in a variety of sizes and either black or white materials.



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