

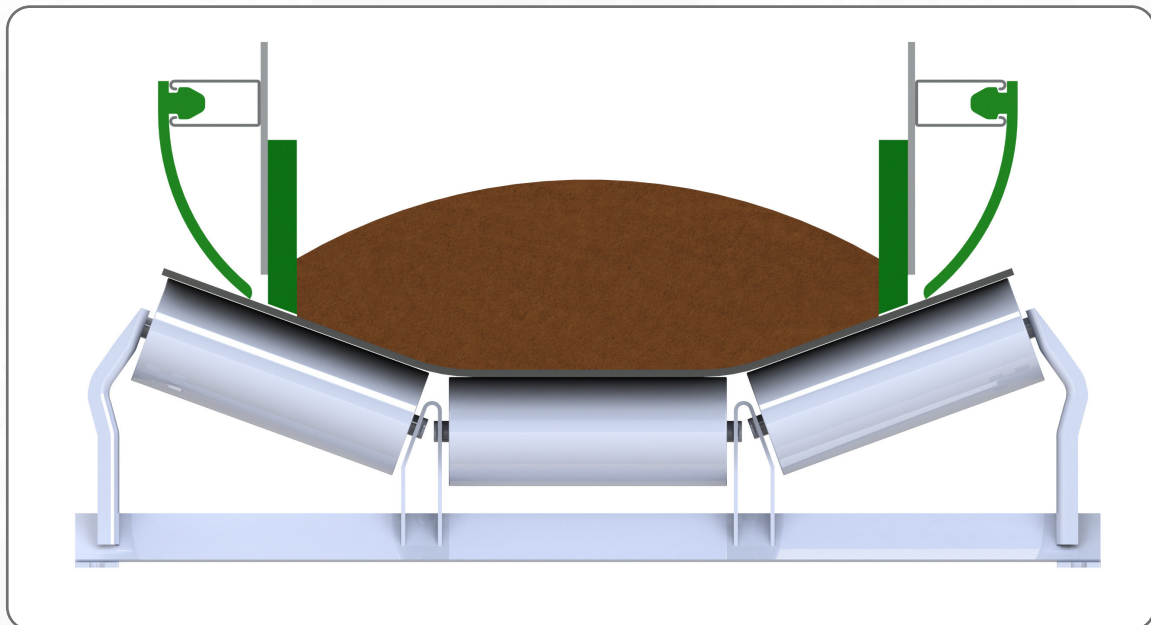
Snap-Loc™ + Containment Liners



Working together in perfect harmony

The combination of Argonics Snap-Loc dust seal and Containment Liner works in harmony to provide a cost-effective and efficient material containment and dust control solution for your troublesome transfer points.

This pairing of products quickly transforms the most chaotic areas in your plant into much cleaner, safer and virtually maintenance-free transfer points. Using Snap-Loc and Containment Liners together increases your productivity and reduces your downtime. These two products are designed to fit and easily install on most conveyor systems on the market.



An ideal solution for steel mills and cement plants.



Snap-Loc™ Dust Seal

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The gold standard for dust containment skirting

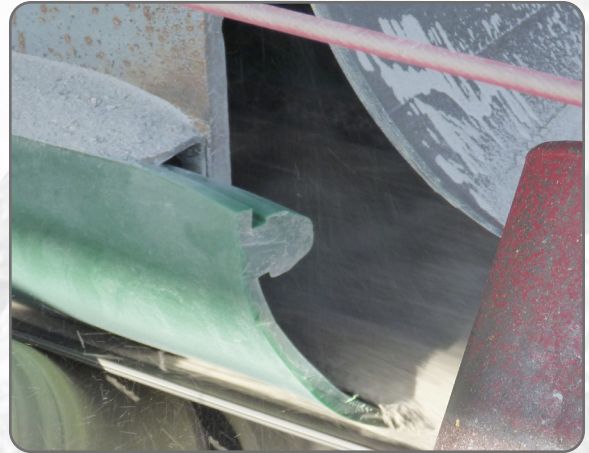
The Snap-Loc dust seal is engineered to create a perfect seal that follows the contours and low spots of the belt between trough rollers.

Snap-Loc's coefficient of friction is 60% less than rubber, reducing drag on the belt and decreasing belt wear that is common with rubber skirt systems. It also lasts 8-10 times longer than standard rubber skirt systems.

Installation and changeout is a "Snap"

Snap-Loc dust seal simply snaps into a standard Unistrut channel. The unique, maintenance-free design of the dust seal will automatically adjust as it wears, maintaining a perfect seal.

Snap-Loc dust seal is available in a variety of configurations and formulations to remedy most dust containment issues.



Snap-Loc:

- Lengths: 10-60'
- Heights: 5", 6", 9" (standard), 14"
- Thickness: .38"
- Other: version available for use on high-speed belts



BEFORE INSTALLATION



AFTER INSTALLATION

Load Zone Containment Liner

Extremely effective in reducing spillage

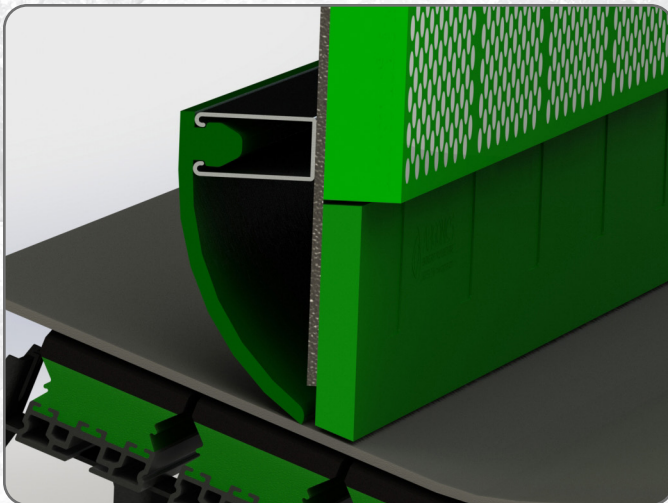
The containment liner is engineered to increase the efficiency of the softer dust seal by eliminating the pressure of the conveyed material on the Snap-Loc.

The containment liner is manufactured with our highly abrasion-resistant Kryptane® polyurethane and has a rugged 3/16" steel backing for added strength and rigidity. The slots allow you to adjust the liner down to the belt to ensure that material cannot get trapped, reducing the risk of belt damage.

Choose the perfect size for your application

Available in a variety of thicknesses, lengths and heights, in either plain polyurethane or ceramic-embedded and with your choice of flat, 20°, 35° or 45° beveled edge.

All containment liners come with Snap-Tite™ polyurethane plugs that cover the mounting slots to protect the mounting bolts and prevent material build-up.



Containment Liners - plain:

- Lengths: 24", 36", 48", 60", 96"
- Heights: 6", 8", 10", 12"
- Thicknesses: 1", 2"
- Edges: flat, 20°, 35°, 45° bevel
 - Single or double bevel

Containment Liners - ceramic:

- Lengths: 48", 60"
- Heights: 8", 10", 12"
- Thicknesses: 1", 2"
- Edges: flat, 20°, 35° bevel
 - Single or double bevel

PROBLEM

An established New Zealand quarry customer operates a busy concrete production plant. A transfer point located on one of their existing conveyor systems is situated in an awkward area for gaining reasonable access, inside/underneath a drive-over bin. This was making the completion of any maintenance task, such as the removal of spillage, very complicated.

The customer had used SBR black skirting rubber to surround the chute. However it was performing poorly and wasn't containing the transferred sand and aggregate material effectively. Spillage would find its way onto the inside of the belt and subsequently cause tracking issues, which would result in further spillage and downtime in order to clean-up the area and keep it hazard-free.

Ongoing adjustment of the skirt rubber required numerous bolts to be undone, adding further inefficiencies to ongoing maintenance.

RESOLUTION

To significantly reduce the maintenance time as well as the complexity of the skirt adjustment task, the customer was advised to install a combination of belt support and skirting products.

Firstly, to replace the SBR rubber skirt, **Snap-Loc dust seal was installed**. Minimal tools were required for installation as it is securely mounted using a simple length of Unistrut mount. Ongoing adjustment is no longer necessary because the engineered polyurethane properties of Snap-Loc are capable of self-adjusting to the correct and precise distance to the belt to contain the pressure of transferred material effectively.

Lastly, to ensure that the best possible wear life performance of the skirt and belt support is achieved, **Containment Liners were installed** inside the chute at the rear and also sides. The purpose of using the Containment Liners is to provide an extreme wear resistant protective layer for the vulnerable edges of the chute.

"We are absolutely delighted with the performance of this transfer point, and can't see ourselves doing any clean-up or maintenance for a long time."

"Our plan now is to adopt this combination, throughout the plant."

—Plant Manager



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