



Argonics is one of the country's largest producers of wear-resistant polyurethane products, providing high-performance urethane solutions at its state-of-the-art production facility. Whether you're producing concrete, manufacturing aggregate products, processing grain or mining precious metal, Argonics has built its reputation on providing cost-effective solutions for some of the most demanding applications.



BENEFITS:

- Made of Argonics' proprietary Kryptane® polyurethane formula
- 8 - 10 times the wear life over rubber
- 60% lower coefficient of friction compared to rubber, which reduces drag on conveyor motor
- Will not groove your conveyor belt

"In the past we have always used the regular black rubber skirt. We decided to give [your product] a try. At this time last year we would have replaced the black rubber skirt at least 2 times. This product will last all year and reduce downtime, dust and clean up."

"Great product."

– Tim B., Allied Corporation

STANDARD POLYURETHANE SKIRTING

Argonics' polyurethane skirting started the trend toward polyurethane as a skirt solution. Our polyurethane skirting fits into any other manufacturers' existing skirt clamping systems on the market today, making it a snap to replace your old skirts.

Our skirting is available in a variety of widths and thicknesses and in lengths up to 50'. You can order our skirting with 35° beveled edges or a straight edge. The beveled edge provides an even greater advantage as it already matches the troughing angle of your belt, eliminating the "break-in" adjustment.



SNAP-LOC™ DUST SEAL

Snap-Loc is the gold standard for dust containment skirting. This straight-forward, no-nonsense design for dust control snaps into standard unistrut railing that can be bolted or welded into place.

Snap-Loc Dust Seal is engineered to create a perfect seal that follows the contours and low spots of the belt between trough rollers. No additional adjustments are needed for the life of the seal, saving you in both cost and hours of maintenance.



FOLD-N-SEAL

If you're looking for a quality multi-sealing conveyor skirting solution that isn't hard on your budget, look no further: Fold-n-Seal is your answer.

Fold-n-Seal gives you the best of both worlds: material and dust containment in one unique solution. The primary seal keeps the material where it should be – on the belt. The secondary seal keeps dust and particulate material under control.





LOAD ZONE CONTAINMENT SKIRTING

Designed to do one thing and do it well: contain material at the transfer points on your belt line. The extra-rugged reinforced design with $\frac{1}{4}$ " steel means that our Containment Skirting is extremely effective in reducing spillage, resulting in reduced clean-up labor.

The Containment Skirting comes with Snap-Tite polyurethane plugs that cover the mounting slots and prevent material build-up.

Containment Skirting is available with either a flat or 20° beveled edge, and in 60" and 96" lengths. Varying heights and thicknesses are available.



WEDGE-LOC CLAMPING SYSTEM

Wedge-Loc is designed to be easy to install and adjust. Simply stitch weld or bolt into place, install your skirting, drop it to the belt, then knock the wedges to lock it down. Use Wedge-Loc to replace your old busted or worn-out clamping systems and install your choice of skirting: Fold-n-Seal or our standard skirting.

Wedge-Loc railing is built tough! The frame is made of 12-gauge galvanized steel and the clamping utilizes a stainless steel-to-brass thread contact, coupled with a cast aluminum wedge to ensure continuous operation in the most corrosive and abusive environments.

MOST COMMON FORMULATIONS:

- **69 Durometer** – The most common skirting durometer choice
- **83 Durometer** – Usually used with skirting and belt wipers that are $\frac{3}{4}$ " - $1\frac{1}{2}$ " thick for material containment
- **93 Durometer** – Used on belts that have elevated temperatures up to around 250° F constant temperature
- **Flame Retardant** – MSHA approved, Front Line® flame-retardant formulation can be added to any durometer
- **FRAS** – Flame Retardant, Anti-Static - Combines our Front Line flame retardant with a proprietary anti-static additive, making it the perfect choice for use in underground mining and coal fired power plants



Snap-Loc skirting in FRAS formulation

SKIRTING SYSTEM CASE STUDIES

The complete case studies are available for download on the Testimonials page of our website: www.argonics.com.

LOAD ZONE CONTAINMENT SKIRTING

Install date: February 2013

Tired of replacing worn-down rubber skirting on two conveyors at a hard rock quarry in southern New South Wales, Australia, the customer decided to trial Argonics' Load Zone Containment skirting. The customer decided to test the skirting on Conveyor 2 first, which had to be replaced weekly at a cost of \$128, plus 4 hours of labor per month. The initial investment in the Containment skirting was slightly higher, but after 10 months of use, they have not had to be replaced, leading to a calculated cost savings of \$12,500. Conveyor 1 also now has the Containment skirting installed.

SNAP-LOC DUST SEAL SYSTEM IN FRAS

Install date: September 2013

Due to its use in the grain handling industry, an agribusiness was using a Flame Retardant, Anti-Static rubber skirt, which is required due to grain's high combustibility. However, the rubber skirt had developed memory fatigue and was no longer rigid enough to conform to the belt sag between the idlers, so they decided to use Argonics' FRAS-rated Snap-Loc skirting. Unlike rubber, the polyurethane skirt has longer-term memory shaping capabilities, needing less adjustments. In addition, polyurethane's longer wear life means ongoing cost savings.

SNAP-LOC DUST SEAL SYSTEM

Install date: July 2012

Concerned by the wear caused to a coal-conveying belt by the rubber skirting, a power station decided to test out our Snap-Loc skirting. The Snap-Loc has more than triple the wear life, and is not wearing on the belt itself, due to its low-friction properties. Additionally, the customer was noticing a significant savings in maintenance and inspection time. They plan to install Snap-Loc on all of their conveyors going forward.

KS01 SKIRTING

Install date: September 2008

A trial was conducted at a coal terminal to properly test the performance of polyurethane against the most commonly used skirting material, SBR rubber. After more than 8 months of monitoring and assessing the installation, the Skirting was still performing beyond its expectations. Even with this significantly prolonged usage, a measurement of the skirting showed only 1.5 mm of wear had incurred. Tests since that time have showed around 8 times greater service life.

The Argonics Nested Triangle logo, Fold-n-Seal™, Snap-Loc™, KS01™, Wedge-Loc™, AccuFlo™, Front Line® and Kryptane® are trademarks or registered trademarks of Argonics, Inc.

Patents: 6,547,062 Wedge-Loc; 7,484,617 Fold-n-Seal



Jamieson Equipment Company
www.jamiesonequipment.com
toll free 800.875.0280