# Dust Skirting and Material Containment

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:**

- 8-10 times the wear life over rubber
- 60 percent lower coefficient friction compared to rubber, which reduces drag on the conveyor motor
- Will not groove your conveyor belt
- Light-weight
- Load-bearing
- Can be formulated to work in wet or dry conditions

### **INDUSTRIES SERVED:**

- Aggregate
- Cement
- Concrete
- Coal mining
- Coal fired power plants
- Precious metal mining
- Pulp and paper



### **Conveyor Belt Skirting**

## Standard Skirting

- Fits into any other manufacturers' existing skirt clamping systems on the market today
- Available in a variety of widths and thicknesses in lengths up to 50 feet
- Can be ordered with 35-degree beveled edges\* or a straight edge

\*The beveled edge provides an even greater advantage because it already matches the troughing angle of your belt, eliminating the "break-in" adjustment.



#### **Standard Skirting Sizes:**

Thickness	1/4", 3/8", 1/2", 5/8", 3/4", 1"	
Seal Height	4", 5", 6", 8", 9", 10", 12"	
Bevel	0°, 35°	
Length	50', 50'+ (with surcharge)	



**Flat Skirting** 





## Duo Seal™

- Material and dust containment in one solution
- Flexible secondary seal conforms to the belt to keep dust and particulate material under control
- Works with most existing skirt board clamping systems on the market
- Available in a variety of widths and thicknesses, in lengths up to 50 feet
- Rounded primary seal will work with any trough angle



Thickness	1/2", 3/4"	
Seal Height	4", 5", 6", 8"	
Length	50', 50'+ (with surcharge)	



### **Conveyor Belt Skirting**

### Load Zone Containment Liner

- Excellent for containing material at the transfer points on your belt line
- Extra-rugged, reinforced design with 1/4" steel
- Extremely effective in reducing spillage
- Available with flat edge or 20-degree beveled edge
- Plain liners come in 60" and 96" lengths; varying heights and thicknesses available
- 1" thick ceramic liners contain ceramic hextiles, while the 2" contains ceramic cubes
- Ceramic liners available with flat, 20° or 35° beveled edge, in lengths of 48 inches or 60 inches

Containment liners come with Snap-Tite polyurethane plugs that cover the mounting slots and prevent material build-up.





### Containment Liner Sizes:

Thickness	1", 2"	
Height	6", 8", 10", 12"	
Length	24", 36", 48", 60", 72", 96"	
Bevel	0, 20°, 35°, 45°	
Bevel Type	Single, double	

### **Ceramic Containment Liner Sizes:**

Thickness	1", 2"
Height	8", 10", 12"
Length	48", 60"
Bevel	0, 20°, 35°
Ceramics	Hextiles, cubes

## Snap-Loc<sup>™</sup> Dust Seal

- The gold standard for dust containment skirting
- Snaps into standard unistrut railing that can be bolted or welded into place
- Engineered to create a perfect seal that follows the contours and low spots of the belt between trough rollers
- No additional adjustments needed for the life of the seal
- Available with cavity for use on highspeed belts





### **Combination Snap-Loc System**

- Combination of Snap-Loc and Containment Liner work together to provide the ultimate dust control product
- Fits most conveyor systems on the market
- Excellent abrasion and hightemperature resistance
- Can be used with all belt widths and troughing angles

\*The combination of Snap-Loc and Containment Liner is not sold together as a single unit; however, field testing has proven that these two products work exceptionally well together to provide solutions to dust problems.



## **Conveyor Belt Skirting**

## Fold-n-Seal<sup>™</sup>

- Quality, multi-sealing conveyor skirting solution
- Material and dust containment in one unique solution
- Primary seal keeps material on the belt while secondary seal keeps dust and particulate material under control



Seal Height	5″
Thickness	3/4"
THICKIESS	5/4
Length	50'



## Wedge-Loc<sup>™</sup> skirt clamping system

### Wedge-Loc<sup>™</sup>

- Easy to install and adjust
- Stitch, weld, or bolt into place, install skirting, drop to belt, then knock wedges to lock down
- Frame made from 12-gauge, galvanized steel; clamping utilizes a stainless steelto-brass thread contact, coupled with cast aluminum wedge for continuous operation in corrosive and abusive environments
- Accommodates skirting up to 1" thick
- Argonics recommends 3 clamps per 4' section











### **Common Formulations**

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The most common skirting durometer choice



Typically used for belt speeds in excess of 600 FPM



Used on belts with elevated temperatures, up to 250° F constant temperature

Front Line®, our flame retardant formulation, is MSHA approved and can be added to any durometer



Flame Retardant Anti-Static (FRAS) combines our Front Line® flame retardant with a proprietary anti-static additive, making it perfect for use in underground mining and coal fired power plants



520 9th Street • Gwinn, MI 49841 906.226.9747 f: 906.226.9779 www.argonics.com



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