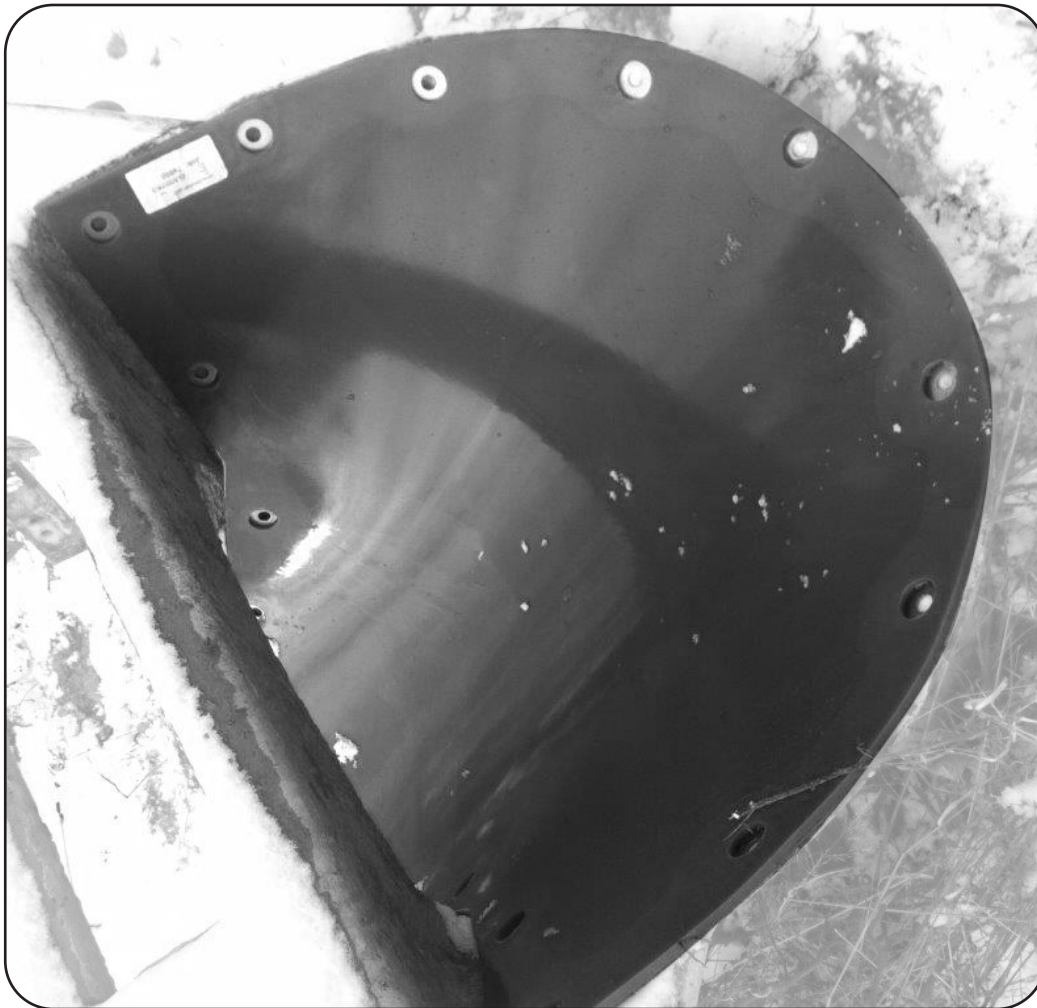


MIXER TRUCK LINERS



MIXER TRUCK LINERS

FOREWORD

Thank you for purchasing an Argonics Kryptane® liner!

Argonics polyurethane lining material is designed to extend the wear life and reduce the maintenance requirements of your process equipment. Years of field research, performance testing and product evaluation has led numerous Original Equipment Manufacturers to offer this lining material as the best product value available on the market today.

This manual contains important information regarding polyurethane material. Please read this entire manual before installing a liner kit. This manual includes hazards that might exist and precautions to be taken during the installation or removal of these lining systems. For more information, or for copies of MSDS information, please contact Argonics.

Argonics is proud to offer these innovative lining systems. With proper care, these liners will provide valuable service for years to come.

WARNING

Burning elastomers give off toxic fumes. Take extra time to minimize heat exposure. Have a fire extinguisher and a bucket of water with rags available. If flames or smolders do occur, extinguish immediately. Use of forced air ventilation or an in-line respirator is strongly recommended.

This product will emit fumes when overheated! This product does not present any health hazards in the state it is shipped. However, subsequent operations such as welding, grinding, cutting, etc. may produce dusts, polymer decomposition by-products and metal fumes.

Dusts and fumes may be irritating to eyes and respiratory tract. Dusts may be flammable. Provide adequate ventilation and follow all installation instructions.

Store away from flame or other sources of ignition. Must be protected from heat and sparks generated by welding or cutting torches. Hazardous decomposition by-products include: carbon monoxide, carbon dioxide, hydrogen cyanide, nitrogen oxides, miscellaneous hydrocarbons and polymer fragments, metal fumes and oxides.

Welding Techniques

This liner is manufactured to be tack welded into place. Bolting the liner is not recommended as weld plate locations vary. Position the liner as required. Apply pressure to the liner to ensure the weld disk has good contact with the substrate. Insert a pipe segment (1.50" O.D. x 2" long) inside of the plug-hole opening. Hold in place with pliers or vice grips. Place welder inside of the pipe segment and plug weld around the weld disk hole. The pipe segment will act as a heat shield and will protect the liner from heat degradation and ignition. The pipe segments will build heat, so it is advisable to utilize multiple pipe segments. If flashes of hot slag hit the liner, use a wet rag to extinguish the smolder.

Stick or wire feed welding is recommended. Make sure not to use excessive tack welds. This will ensure plugs have room to fit.

Snap-Tite™ Plugs Installation

Snap-Tite plugs are designed to have a very tight fit. They are made this way to prevent the plug from popping out. One effective way of installing plugs is the sledge hammer method. Place the plug over the weld hole and hit it with the top flat portion of the hammer head. **For truck hopper liners a C-clamp may be used to press the plug into the opening. Often plugs can be started by pressing and then finished by pounding with a hammer.**

Cutting Techniques

If necessary, the polyurethane liners can be cut using either a band saw, heavy-duty jigsaw or reciprocating saw.

Plain urethane sheets and liners:

If cutting with a band, jig or reciprocating saw use a course tooth blade. You may also use a utility knife. Bending the liner section over a board will help increase the surface tension and make the cut a little easier.

When cutting expanded metal backed liners, use a fine tooth blade.

No matter what type of saw you choose to cut the liner, advance the blade slowly, run at lower RPMs, and spray a lubricant in the cut path to minimize friction and heat build-up.

NOTE: Do not use a circular saw to cut polyurethane liners, as they will generate too much heat, causing gumming of the blade.

Proper Care and Maintenance

The purchase of this liner is a substantial investment. Maximum cost-effective performance can be reached though proper care and maintenance. The following tips should be observed:

Adhesive

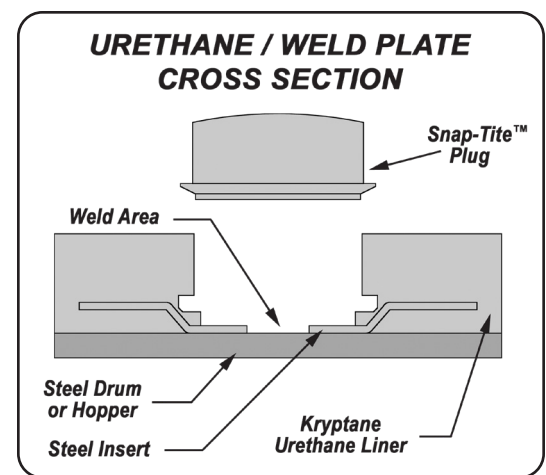
Polyurethane adhesive should be used to fill any gaps where material may be able to penetrate behind the liner.

Loose Plugs

Plugs should fit snug. If a plug becomes loose or pops out, it may allow material penetration or buildup through the weld hole. Try to remove the buildup, and use Bostik 1100FS adhesive to seal the hole or secure the loose plugs as soon as possible. If you experience this problem at any point in the life cycle, you may request additional plugs from the factory. They will be supplied at no charge.

Gouges or Tears

If a gouge or tear occurs, a polyurethane-based caulking adhesive can be used to fill holes or fix damaged areas. The affected area should be cleaned, dried, stripped of grease or other contaminants, and patched. This should be done as soon as possible to retard the size of the tear.



OTHER QUALITY PRODUCTS FROM ARGONICS

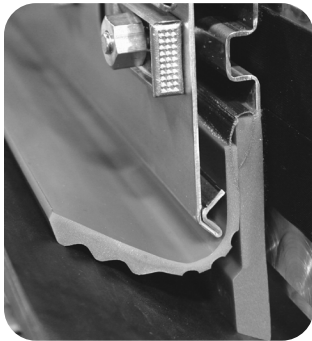
THE MOST RELIABLE AND COST-EFFECTIVE SKIRTING AVAILABLE

MADE WITH KRYPTANE® POLYURETHANE

Argonics formulates unique proprietary Kryptane polyurethane materials tailored to meet the demands of your wear application, whether it be sliding or impact abrasion, sticking or corrosion.

BENEFITS OF ARGONICS POLYURETHANE SKIRTING:

- 6 - 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 when installed correctly



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.



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.



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 1/4" steel means that our Containment Skirting is extremely effective in reducing spillage, resulting in reduced clean-up labor.

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



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ENGINEERED POLYURETHANE

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