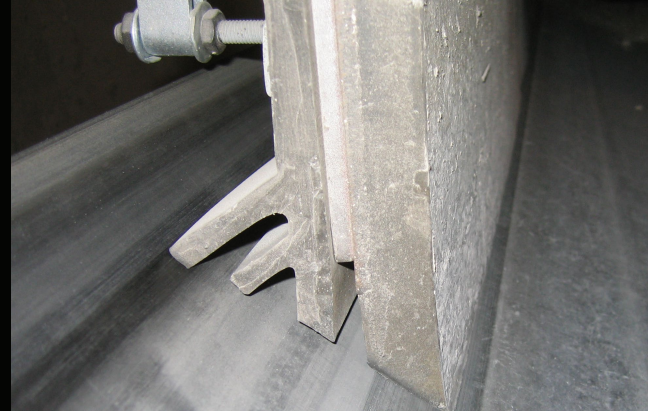


# Dust Sealing Solutions



Dust issues can be complex, but the solutions don't have to be!

Resolve your dust sealing problems through the following approaches:



Rubber-Ceramic Canoe Liners



TailSeal



DustSeals

- **Reduce the velocity** at which material moves through a chute or "take the energy out". Lower velocity will mean less air displacement and dust generation.

- **Canoe Liners**, backed by **Skirting Rubber** and even better, **Triple** and **DoubleLip-DustSeals**, extend the canoe length and enclosure allowing dust to settle.

- **Use TailSeals** when material impacts a belt and air can escape from the back of the discharge area, carrying dust along with it. **TailSeals** can assist significantly with this problem.

- Remove belt sag in the impact areas. Belts must maintain a straight trajectory in the impact zone. While the belt can be troughed, it must not sag between idlers. If it is not flat, **Canoes** and **DustSeals** will not provide the benefits intended. Bring idlers closer together, using impact beds, **Belt Stabilizers** and **Slider Bars** to ensure the impact area stays flat against these sealing systems for a longer period.

**MSHA Silica Final Rule:** Mine operators must ensure that no miner is exposed to a respirable crystalline silica concentration in excess of 50 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) of air for a full-shift exposure, calculated as an 8-hour TWA.



GRTrubber.com

# Components

## Canoe Liners

**Problem:** Increased cost-per-ton, spillage, dust and noise.

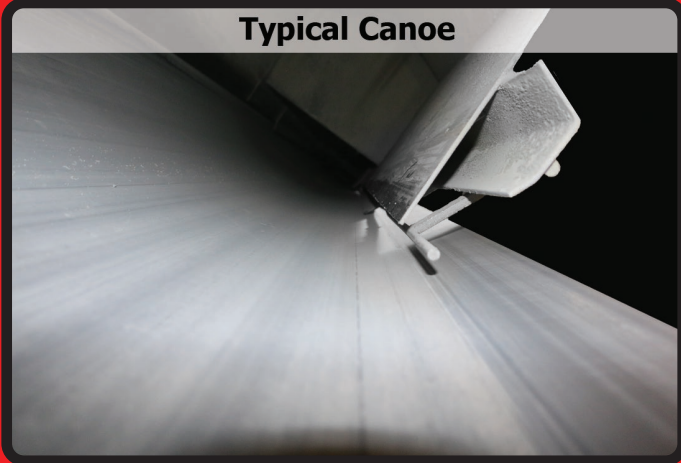
**Solution:** We offer several types of Canoe Liners depending on your application:

**RubberLine, HardBall, HardLine, and HardLine-Plus.**



## DustSeals

Typical Canoe



GRT Rubber's Solution



**Problem:** Typical seals are sold in large rolls that are hard to handle and ineffective.

**Solution:** **DustSeals** are effective and easy to handle and are supplied in 10' lengths. We sell **DoubleLip** and **TripleLip-DustSeals** that are designed to work in conjunction with our **BeltSeal** components.

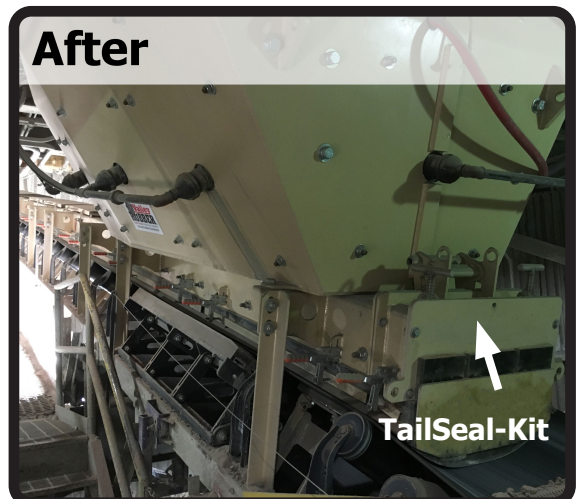
## TailSeal-Kit

Before



Previous system resulted in costly fines, excessive maintenance, loss of production and structural weigh load concerns due to spillage.

After



GRT Rubber's design incorporates Inflatable Liner technology, **TailSeal-Kit**, and our **BeltSeal** components.