



Dust Sealing Solutions

The Problem



An operation in West Arkansas experienced extensive material spillage, dusting issues, and challenges keeping material centered on the belt. In an effort to solve these problems, the operation tried various sealing options in the interior transfer area, including conveyor belts, but they only lasted 6-8 weeks. The 6 ½" minus material from the Primary was running at 400 TPH.

GRT Solution

After assessing the situation, GRT Rubber installed 8"x48" Canoe Liners with 1.5" rubber and a ¼" backing plate in the load zone of the transfer point. Canoe Liners reduce abrasion, improve environmental conditions by controlling dust, and lower overall maintenance costs throughout the conveyor system's lifespan. Various Canoe Liner designs, including ceramic options, are available to meet diverse application needs.

Benefits

Following installation, the Canoe Liners realigned the material to the center of the belt which resulted in immediate improvements including the elimination of dust, spillage, and maintenance issues. The liners have been performing for over 6 months—**more than three times longer than the lifespan of previous skirting solutions.** This success has prompted the operation to explore additional GRT product offerings for future projects.

Learn more about how GRT Rubber can help prevent Dust Issues [here](#).