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Arrowhead Ceramic Lagging Solves the Problems of Belt Slippage and Pulley Lagging Wear

Overview and History

ASGCO's patent pending design of our unique Arrowhead Ceramic Lagging provides solutions to problems experienced with conveyor belt slippage around the drive pulley and severe wear problem on snub and bend pulleys. ASGCO has developed a full range of pulley lagging from ceramic, drive rubber and non-drive rubber lagging that is available in both abrasion resistant SBR and MSHA grade rubber for conveyor pulleys from slow belts all the way through to high-speed, high load belts.

With the current global trend of increasing prices and production requirements in coal, copper, cement, gold, bauxite and many other minerals and aggregates, there is a growing need for a maintenance-free, and reliable pulley lagging to ensure the plant's conveyor belts run to their highest efficiency.

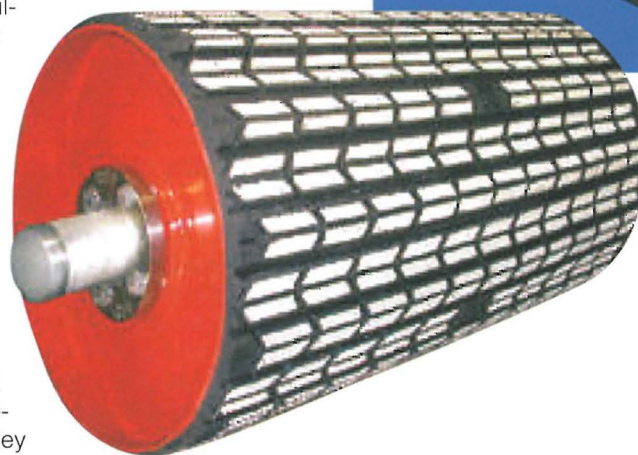
One of the challenges in selecting the proper pulley lagging is that each conveyor belt has its own characteristics. With the increase in popularity of ceramic pulley lagging to solve the problems of conveyor belt slipping in wet or cold conditions or solve the problems of wearing prematurely on high tension snub and bend pulleys, ceramic pulley lagging has become a necessary product in every plant.

Identifying the need in the industry for a better ceramic pulley lagging, ASGCO examined the problems with existing pulley lagging. Combining our company experience, engineers set out to design an improved pulley lagging. It was agreed that a good pulley lagging:

- Must operate in both dry and wet conditions
- Require a minimum force to drive the conveyor belt
- Is maintenance free



▲ Lagging strip with Arrowhead ceramic tiles



◀ Pulley with Arrowhead ceramic tiles

- Tiles stay embedded in the rubber
- Material does not build up on the pulley
- Is simple to install
- Excellent abrasion resistance
- Durable design

▼ Isometric view of a single tile

Design Features - Tiles

- High grade aluminum oxide ceramic
- Tile fully enclosed by rubber
- Rounded corners allow for better adhesion between the rubber and the tile

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