

Solving belt slippage and lagging wear

The design of **ASGCO's** 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 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



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the problems with existing pulley lagging. It was agreed that a good pulley lagging must operate in both dry and wet conditions, requires a minimum force to drive the conveyor belt, is maintenance free, has tiles that stay embedded in the rubber, doesn't allow material to build up on the pulley, is simple to install, has excellent abrasion resistance and a durable design.

Arrowhead ceramic pulley lagging provides the solution when conventional rubber lagging fails to correct belt slippage and wears prematurely. The Arrowhead ceramic is designed for the highest drive factors. Field and laboratory testing has proven that Arrowhead ceramic has up to four times the coefficient of friction versus standard rubber drive lagging.

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TECH EXTRA **Less abrasive**

Field and laboratory testing has proven that the Arrowhead ceramic's abrasion resistance and wear ability can be more than eight times that of standard rubber lagging.