

Flex-Lag® Weld-On™ Rubber Pulley Lagging saves aggregates operation 50% in installation time and is compatible with cleaners.

Industry

Aggregates

Application

Midwestern aggregates operation

Product

Flex-Lag® Weld-on Rubber Lagging

Objective

A lagging solution for better cleaner compatibility

Conveyor Detail

3 ply x 330 belt

Lagging installed on head pulley

Precleaner on head pulley



Problem

The lagging system of a Midwestern aggregates operation was comprised of strips that slid into place and were then welded on either end to secure. After installation, large gaps were evident between the strips, causing the cleaner blade to drop into the gaps. Without consistent blade-to-belt contact, the blade was quickly wearing down and causing a chatter noise, resulting in unnecessary costs for purchase and installation of replacements.

Solution

The company needed to find a lagging solution that would be compatible with its precleaner. With its patented gear tooth design and ease of installation, Flex-Lag® Weld-On™ Rubber Lagging offered an effective solution. Unlike their existing lagging, this weld-on rubber lagging was manufactured to fit right onto the pulley without having to be cut to fit. In addition, by installing Flex-Lag Weld-On Rubber Lagging, the wide gaps between strips were eliminated.

Result

Flex-Lag Weld-On Rubber Lagging has made a big difference at this facility by decreasing issues with cleaner compatibility. Since the installation, the precleaner blades have not seen wear or needed replacement. Maintenance downtimes for retensioning and blade replacements have significantly diminished. With the average cost of downtime at an aggregates operation costing \$1000 an hour, this savings is crucial. The blade runs smoothly along the head pulley and the loud chattering noise has been completely eliminated with the newly installed lagging. Based on the success of his current lagging installation, the customer stated that he is definitely considering replacing his other slide-type lagging with the weld-on rubber lagging.

2525 Wisconsin Avenue • Downers Grove, IL 60515-4200 • USA
Tel: (630) 971-0150 • Fax: (630) 971-1180 • E-mail: info@flexco.com

Visit www.flexco.com for other Flexco locations and products.