

Wingate Alloys Tuf-Last XL UHMW, PE for Coal, Ore and Aggregate Applications

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), UHMW PE Ultra High Molecular Weight

Material Notes:

Bridging and arching are common problems in silos, bins and storage bunkers. Tuf-Last XL is the solution for material flow problems. Ultra high molecular weight polymer exclusively designed to solve material flow, avrasion and corrosion problems. Modified with a silicone additive and answers challenges of moving difficult materials from coal, sand, gravel and wood pulp at freezing temperatures. Reduces bridging, arching and freezing with low coefficient of friction and zero moisture absorption. Ultra high molecular weight polymer exclusively designed to solve material flow, abrasion and corrosion problems. Modified with a silicone additive and answers challenges of moving difficult materials from coal, sand, gravel and wood pulp at freezing temperatures. Excellent abrasion resistance. Outlasts steel 6 to 1. Resistant to most acids, alkalis and solvents and will not rust. Does not absorb moisture and has a low coefficient of friction. Lightweight and easily machined. Weighs about 1/8 as much as steel. Can be cut and drilled with basic power tools and is formable. Welded easily with plastic welding techniques. Wide range of fasteners available for different attachment conditions. Reduces Bridging, Ratholing and Freezing: The low coefficient of friction and zero moisture absorption of Tuf-Last XL gives this engineering polymer exceptional non-stick properties to help reduce build-up of coal. Resists Wear and Abrasion: Actual field applications demonstrate that Tuf-Last XL provides 6-10 times longer wear-life than steel. This exceptional resistance to sliding abrasion is due to Tuf-Last XL's extremely high molecular weight and modifying components incorporated by our Manufacturer. Eliminates Corrosion: Sulfur and other impurities found in coal have no corrosive effects of Tuf-Last XL, which substantially increases lining life. Unlike steel, UHMW will not rust and will resist a wider range of chemicals than stainless steel. Applications: In the coal and ore transportation field Tuf-Last XL can be used for dump truck linings, rail car, dragline buckets liner, shovel liner, front loader liner, scraper liner and conveyer liners. Coal preparation liners for chutes, hoppers and conveyer skirting and troughs. Excellent product for bulk handling grains, gravel, wood chips, gypsum, fly ash, dry cement, coal, chemical powders, fertilizers and sand. Information from Wingate Alloys Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wingate-Alloys-Tuf-Last-XL-UHMW-PE-for-Coal-Ore-and-Aggregate-Applications.php

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