

Polyurethane belt cleaner showed no deterioration after 250,000 splice impacts

Benefits:

- abrasion resistance
- lower fooling costs
- corrosion resistance
- design versatility
- impact resistance

Specially designed polyurethane scrapers are providing cost-effective performance in industrial conveyor belt systems processing phosphates, coke and sulphur and in underground mining. The scrapers are used to remove excess material clinging to the belt at the return pulley.

Polyurethane parts have proven their durability in rugged industrial environments through their corrosion and impact resistance. An important mechanism of failure in conventional scrapers is caused by the impact of belt splices on the scraper. Observation of an underground mine conveyor belt cleaner constructed of polyurethane demonstrated no deterioration after 250,000 splice impacts, a significant improvement over conventional scrapers made from other rubber compounds.