

ABRASIVE GUARD

An Ultra Abrasion-Resistant Coating For High Performance Conveyors and Critical Applications.



In conveyor belts that operate continuously and at high capacity, the main reason for replacing the belt is wear due to abrasion. These applications require high-strength compounds to ensure longer service life, **operational reliability, and reduced maintenance costs.**

This scenario is typical in the following applications:

- High-speed belts
- High-performance systems
- Transport of fine materials (small particle size)

Technology of the ABRASIVE GUARD Compound

The **Abrasive Guard** coating was developed for applications with extremely high abrasion, offering high resistance to wear from friction. Its formulation provides high resistance to this type of wear, reducing material loss from the coating and increasing the belt's service life.

Main technical quality:

- Resistance to abrasion: 20 mm³.

This level of excellent resistance makes the compound a high-performance solution for severe abrasion wear applications.

Superior operational performance

On conveyor belts with continuous operation cycles, the Abrasive Guard cover provides the following benefits:

- Reduced wear rate of the coating
- Better retention of the belt's original thickness during operation
- Extended structural protection of the belt
- More predictable replacement needs
- Lower cost per ton transported
- Less need for maintenance interventions

Recommended Applications

Suitable for:

- High-speed conveyor belts
- Belts with a short to medium length with high cycle rates
- Secondary/tertiary crushing systems
- Transporting raw materials for fine ore pelletizing
- Materials with abrasive particles

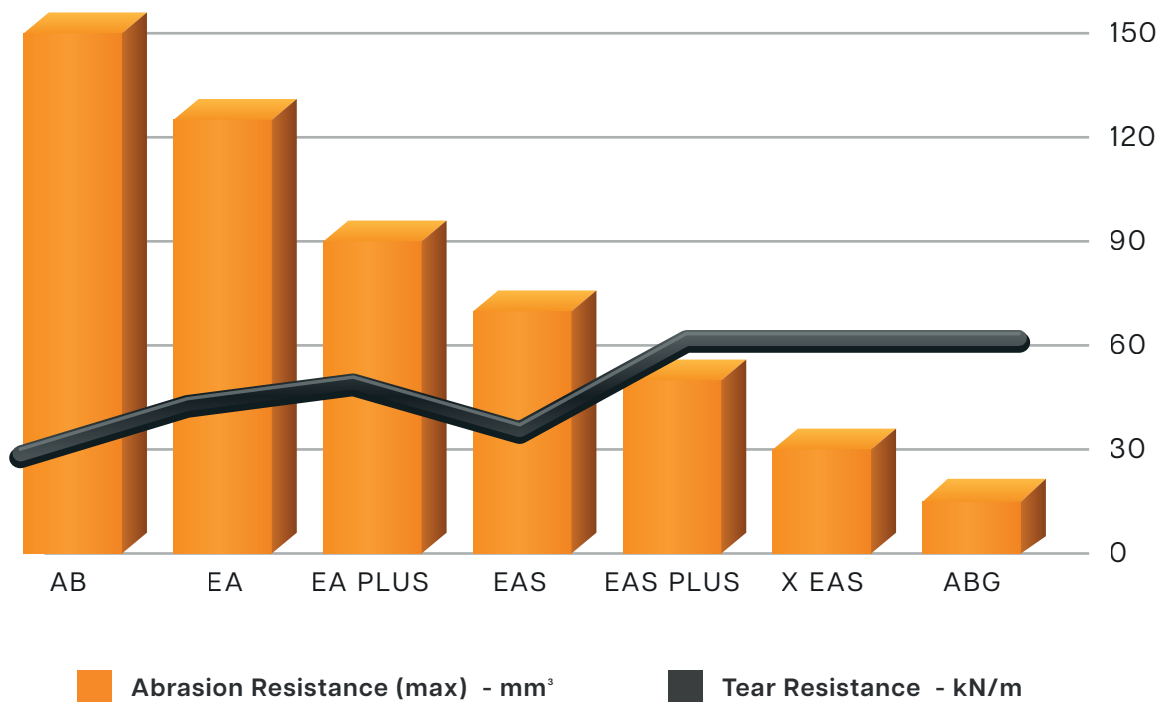


The installation of an ABG belt in one of the largest copper mining companies in Chile

Technical Comparison of Abrasion Resistance

COMPOUND	Abrasion Resistance (mm ³)
DIN W	90
EAS PLUS	50
ABRASIVE GUARD	20

Mercurio offers a full range of abrasion-resistant coatings (AB, EA, EA PLUS, EAS, EAS PLUS, XEAS, and ABG) that provide the best and most suitable solution for each type of operation.



*Dados sujeitos a alteração sem aviso prévio.

Our team of experts is ready to help your operation reach more productivity and performance.

Visit our website at www.mercurioconveyorbelt.com and discover all the solutions we offer.