

NO STICK PRO

A Non-stick Coating that is Highly Resistant to Abrasion



Lower Stickiness → Less wear → Higher operational availability

Material buildup on the conveyor belt surface is one of the main challenges to efficiency in continuous transport systems. Stuck material overloads and increases the wear of conveyor components and can also cause operational failures.

The sticking of wet, fine, or gummy materials causes:

- A greater return of material
- Overload on scrapers and cleaning systems
- Higher corrective maintenance costs
- Greater exposure of the team to field interventions



Dirty environment; impregnated material.



Picture showing Mercurio's No Stick Pro belt in operation.

Active Anti-Stick Technology

Unlike solutions based only on surface finishing, No Stick Pro incorporates a **functional additive sprayed on the belt base**.

This component has the following characteristics:

- Gradually migrates from the inside of the compound to the surface
- Continuously forms a layer of low surface energy
- Reduces the sticking of damp and gummy materials
- Maintains a non-stick performance throughout the life of the coating

Its mechanism of action remains active over time, maintaining the belt's performance even after gradual surface wear.

Performance

In addition to its non-stick property, the coating was formulated to operate in harsh environments, maintaining an abrasion resistance suitable for applications that demand high performance.

Abrasion Resistance

- Index : 30 mm³
- Lower cover wear rate over the belt's service life

Technical Comparison

COMPOUND	Abrasion Resistance (mm ³)
DIN W	90
EAS PLUS	50
NO STICK PRO	30

Direct Impacts on the System's Reliability

Using the No Stick Pro coating provides the following benefits:

- Significant reduction of material returning
- Less buildup on the cleaning systems (cleaners and scrapers)
- Reduced need for manual cleaning and corrective interventions
- Less fugitive material along the conveyor
- Greater operational stability and predictability
- Longer intervals between scheduled maintenance
- Less material loss due to spillage and leaks
- Greater availability of equipment and reliability of the transport system

By combining long-lasting active non-stick properties with high abrasion resistance, **NO STICK PRO** promotes cleaner, safer, and more efficient operations, helping to reduce operating costs and increase productivity.

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.