

NON-STICK CONVEYOR BELT

A belt that significantly reduces carry-back

Market and Recommended Applications

» Market

- Steel plants
- Car manufacturing
- Cement plants
- Limestone plants
- Stone crushing facilities

» Application

- Clay
- Gypsum
- Casting sand
- Iron ore
- Coal
- Dolomite
- Alumina
- Nickel and Bauxite
- Other powdery and moist material

Yokohama's Non-Stick conveyor belt features a specially developed compound containing a lubricating agent that reduces the carry-back associated with a standard belt. The anti-adhesive performance will last for the life of the belt and promote a clean environment and efficient operation of your facilities.

Conventional Belt



Non-stick Belt



Without a belt cleaner

Conventional Belt



Non-stick Belt



After a belt cleaner is installed

Features and Benefits

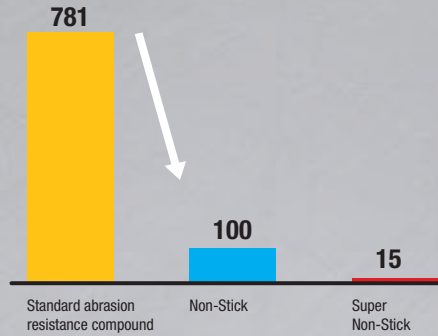
Superior performance in reducing carry-back.

Yokohama's non-stick belt is ideal when needing to carry powdery and moist materials. Its special lubricating agent prevents materials from adhering on the belt surface thereby reducing the amount of carry-back remarkably.

Performance lasts for the life of the belt.

Since the lubricating agent is not coated on top of the belt surface but mixed with other polymers, the anti-adhesive performance will last for the life of the belt.

▶ Gypsum (moisture content: 10%)

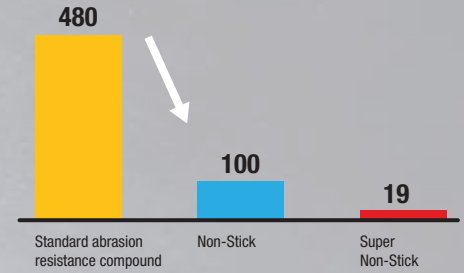


Lower facility maintenance costs.

Since the carry-back is reduced by using the Yokohama non-stick belt, your facility will stay cleaner and your maintenance costs will be less.

▶ Casting Sand

*Build-up volume: index



Safer working conditions.

No material build-up means clean floors and walkways. Less risk of creating fire hazards, slip/trip hazards.

Multiple Compounds available for various applications

Choose from Non-Stick, Heat Resistant Non-Stick, and Super Non-Stick belts to find the most suitable belt for your application. Contact your Yokohama representative to discuss your particular situation.

Use of belt cleaners is recommended in order to maximize the benefit of non-stick belts.

▶ Non-Stick

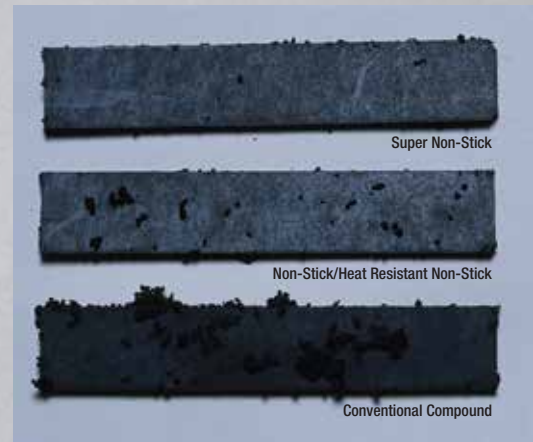
Compound with lubricant agent minimizes build-up.

▶ Heat Resistant Non-Stick

Non-Stick with excellent heat resistance (300°F)

▶ Super Non-Stick

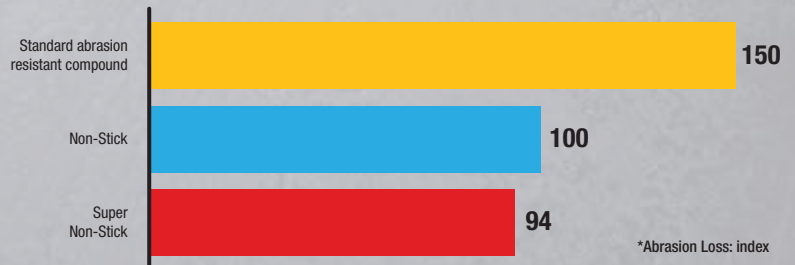
Improved build-up resistance with special resin material



Superior Abrasion resistance

The Yokohama Non-Stick Belt has superior abrasion resistance that allows combined use of a belt cleaner.

▶ Abrasion Resistance (DIN Wear Test)



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