

REXNORD ENGINEERED SUSTAINABILITY



**IMPROVE
OPERATIONAL
SAFETY,
EFFICIENCY AND
PRODUCTIVITY**



By assessing your individual needs and objectives, our skilled engineers will help you obtain the lowest Total Cost of Ownership (TCO), resulting in significant cost savings by Improving Operational Safety, Efficiency and Productivity.

Sustainability is the capacity to endure. Engineered Sustainability™ by Rexnord® is a product program to help you design durable conveyor systems with components that guarantee optimal product handling without compromising the ability to meet targets on:

- Safety improvement
- Increased productivity
- Water reduction
- Energy savings

Maximise Safety

In the beverage filling industry, potential safety hazards on production lines include: slippery floors, high noise levels and excessive high-speed moving parts in machinery and on conveyors. Rexnord's Engineered Sustainability program will help you improve conveyor system safety with products that require no external lubrication and feature closed chain surfaces for minimised noise levels.

Minimise Water

Conveyor systems in high-speed beverage filling lines traditionally use a lot of water for external lubrication. Rexnord's Engineered Sustainability program will help you to reduce or completely eliminate external lubrication

and additional waste water collecting on your equipment, with products that are suitable for "dry running" at high-speeds.

Optimise Productivity

Reliability and durability of the conveyor components determine total uptime and cost to keep the line performance at required levels. Rexnord's Engineered Sustainability program will help you upgrade your conveyors to increase productivity by using state-of-the-art designs and materials for the chains and components.

Reduce Energy

The required power to drive each conveyor in a beverage filling line is determined by factors such as: weight, conveyor layout and friction between various contact surfaces. Rexnord's Engineered Sustainability program will help you with state-of-the-art material combinations to provide the lowest friction at a constant level, resulting in direct energy saving on each conveyor.

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Use Rexnord ULF™ Wearstrips with Rexnord Dry-PT Series Chain for:

- Low friction between chain and wearstrips
- Significant reduction of chain tension in corners
- Energy savings through reduced headshaft tension
- Reduced noise

DRY-PT Material

As a result of Rexnord's intensive research and development program to find a solution that addresses the market need to convey PET containers at high speed without external lubrication, we offer customers Rexnord Dry-PT™ Material. This innovative material will help set a sustainable conveyor standard for the future.

DRY-PT RHMP84MM



Key Applications

Rexnord Dry-PT Material has been developed specifically for highspeed conveying applications for PET containers, where the goal is to run without or with minimal external lubrication.

The bright lime-green color has been selected to visualize the need for conveyor cleaning when applicable, in order to maintain the required low-friction level.

DRY-PT1000FT Series MatTop Chain in combination with Rexnord ULF Wearstrips



Rexnord DRY-PT Chain in combination with Rexnord ULF Wearstrips

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