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Rexnord Dry-PT Material

Run Dry solution for PET containers

Rexnord FlatTop continuously develops innovative conveyor chain and component solutions to meet the increasing performance demands of high-speed filling lines in the food and beverage industries.

Dry-PT Material

As a result of Rexnord's intensive research and development program in order to find a solution that addresses the market need to convey PET containers at high-speed without external lubrication. We introduce our new Dry-PT™ material and will help to set a sustainable conveyor standard for the future.

Dry-PT has proven to be the first plastic chain material to provide the required low friction against PET on a constant level over time, where other plastic chain materials always show a permanent increase of friction level after hours of running.

Application Fields

Dry-PT Material has been developed specifically for high-speed 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-PT™ Series TableTop and MatTop Chains

TableTop® Chains (Straight-Running)	MatTop® Chains
820/831 - Series	500 Series
SHP325 - Series	1000 Series
TableTop® Chains (Side-Flexing)	1500 Series
880 TAB - Series	8500 Series
RHMP Magnetflex®	
FTM 1060 Magnetflex	



DRY-PT1060FTM Series TableTop Chain



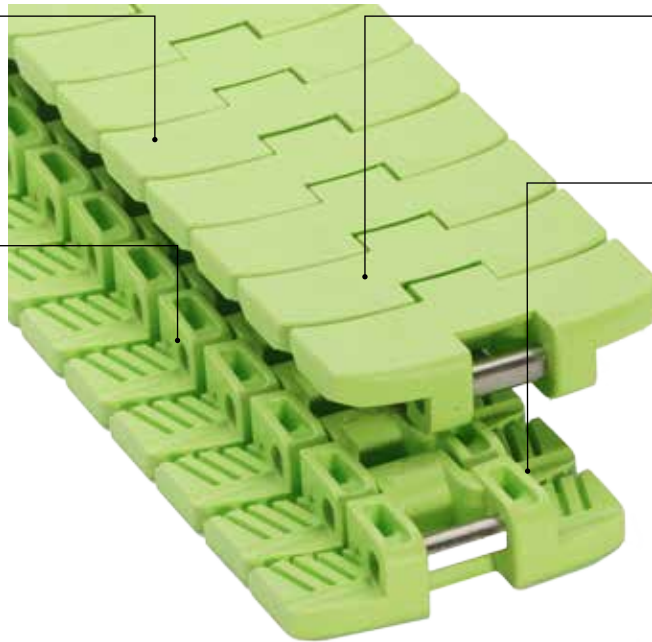
DRY-PT1000FT Series MatTop Chain in combination with ULF™ wearstrips

Key Features

- High strength
- Consistent low-friction
- Minimal dusting
- Long wear life

TableTop and MatTop Executions

- Dry-PT is available for all common chain series used for high-speed PET conveying



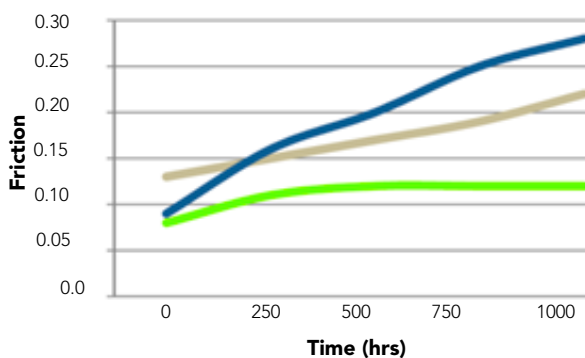
Bright color

- The color has been selected to make the need for cleaning visible

Low-Friction against PET

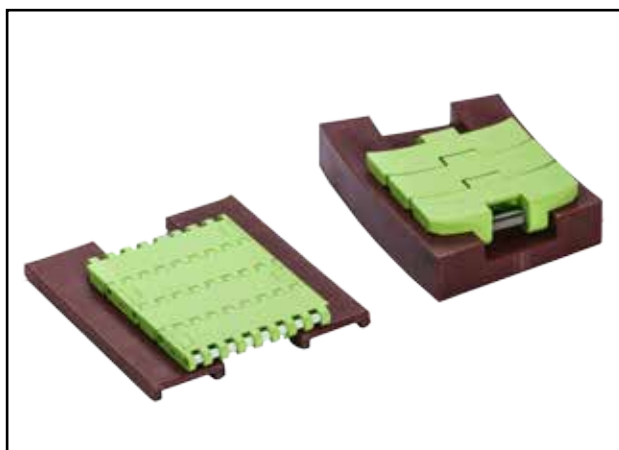
- Material designed specifically for conveying of PET containers without need for external lubrication

Friction against time



Test Conditions

- Room temperature
- Test duration: 1000 hours
- Speed: 82/min
- Friction tested against PET bottles
- Dry running



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ULF Offers

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