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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 & liquid industries.

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.

Rexnord Dry-PT Material 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.

Key applications

Rexnord 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 Chain

TableTop® Chain (Straight-Running)
820 Series - 3.25 inches and 84 millimeters
SHP325 Series - 3.25 inches and 84 millimeters
831 Series - 3.25 inches
TableTop Chain (Side-Flexing)
880 TAB Series - 3.25 inches
RHMP Magnetflex® - 3.25 inches and 84 millimeters
FTM 1060 Magnetflex
MatTop® Chain
500 Series Flush Grid
1000 Series Flat Top
1505 Series



DRY-PT1060FTM Series TableTop Chain



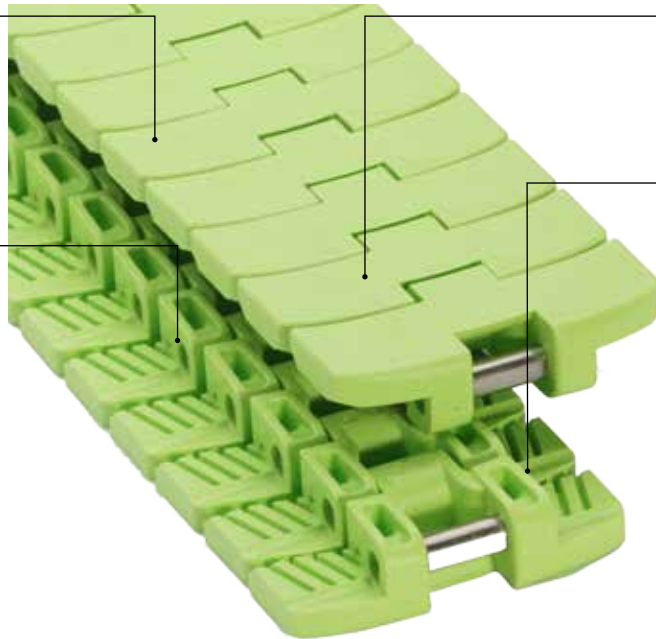
DRY-PT1000FT Series MatTop Chain in combination with Rexnord ULF™ Wearstrips

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



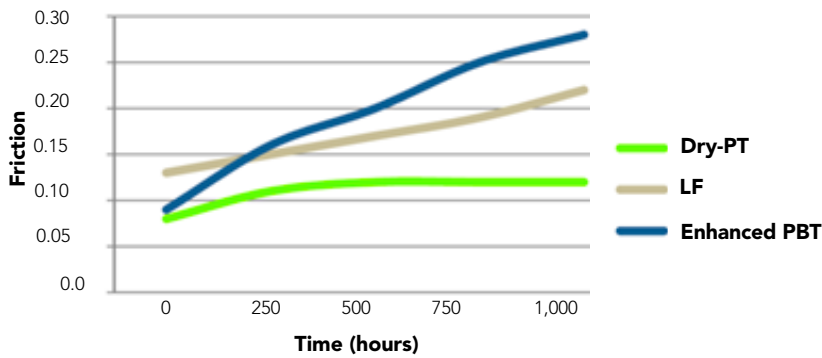
Bright color

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

Low-Friction against PET

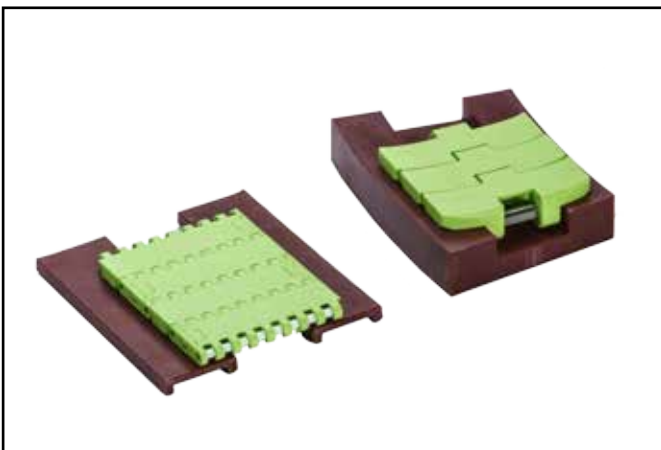
- Material designed specifically for conveying of PET containers without need for external lubrication

Friction against time



Test conditions:

- Room temperature
- Test duration: 1,000 hours
- Speed: 82/min
- Friction tested against PET bottles
- Dry running



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

Rexnord Dry-PT Chain in combination with Rexnord ULF Wearstrips