



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" and 4.5"*
- 831 Series – 3.25" and 4.5"*

TableTop Chain (Side-Flexing)

- 880 TAB Series – 3.25" and 4.5"*
- 879 TAB Series – 3.25" and 4.5"*
- 882 TAB Series – 4.5"
- 1040FT Series – 3.3"

- 1040FG Series – 3.3"
- 1055FTM Series – 3.3"
- 1050FTLPC Series – 3.25" and 4.5"*
- 1055FTLPC Series – 3.25"*

MatTop® Chain

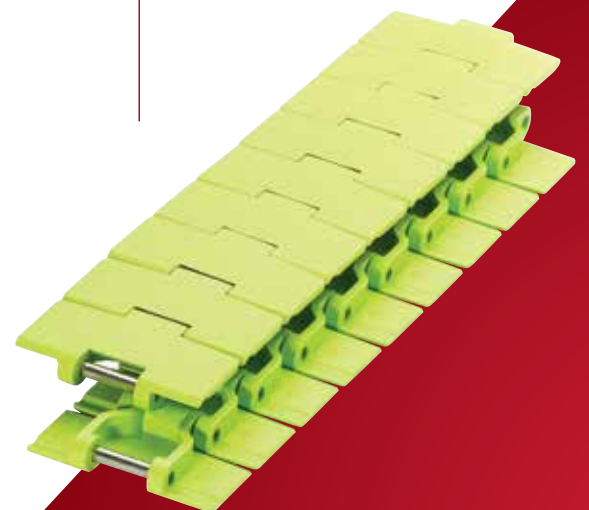
- 1500 Series*
- 8500 Series*

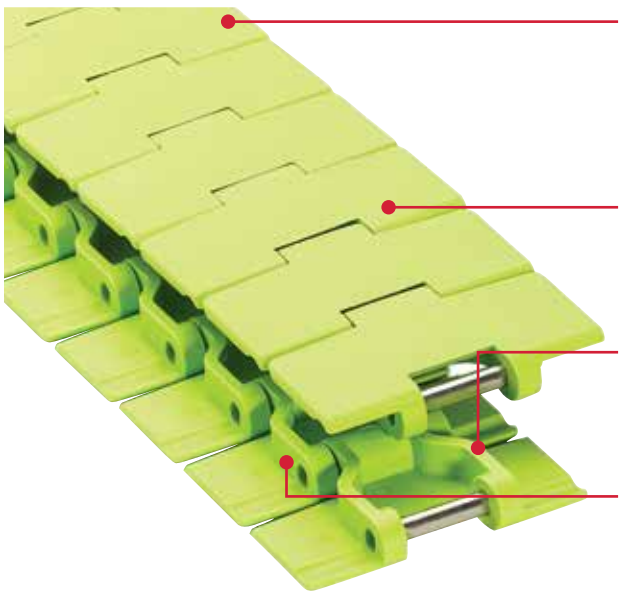
*Products available as standard offering in North America

**Please contact your
Rexnord representative
with any questions:**

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Key Features

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

Bright color

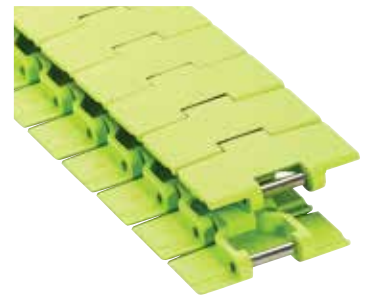
- The lime-green color has been selected to make the need for cleaning visible

Low-Friction against PET

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

TableTop and MatTop Executions

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



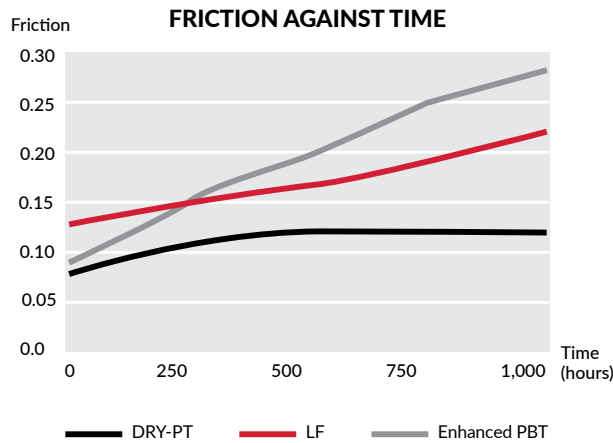
DRY-PT1060FTM Series TableTop Chain



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

Test conditions

- Room temperature
- Test duration: 1,000 hours
- Speed: 82 ft/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

Successfully Released and Installed in European Market

- Originally released in 2016 in Europe
- More than 1 Million chain links already installed
- Sold to more than 60 customers worldwide



Rexnord DRY-PT Chain in combination with Rexnord ULF Wearstrips