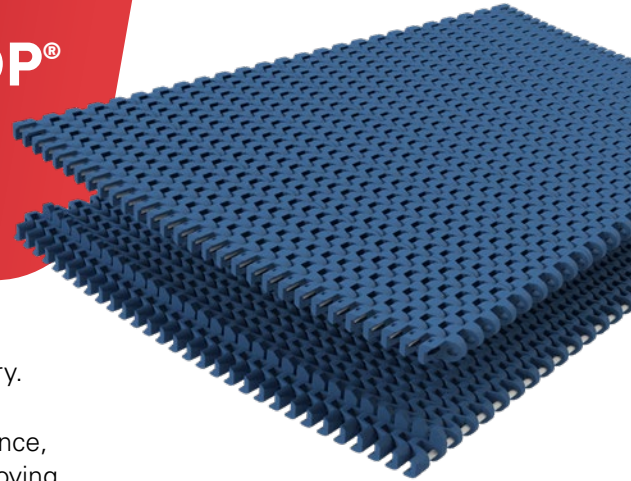


# REXNORD® 505 SERIES MATTOP® AND KLEANTOP® FLEX BELT

SIDE-FLEXING TURN BELTS ENGINEERED  
FOR LONGER LIFE IN FOOD PROCESSING



Regal Rexnord develops innovative conveyor belt and belt material solutions to help customers meet the increasing demands of the food handling industry. The Rexnord 505 Series (also known as 7526 in North America) MatTop and KleanTop Belt has been upgraded with a combination of our industry experience, design knowledge and manufacturing expertise for clients interested in improving throughput while reducing product contamination risk.

## DESIGNED FOR STRENGTH AND STIFFNESS

The Rexnord 505 Series is designed for strength and stiffness, providing the following performance benefits:

- Extended belt life
- Longer conveyor runs reduce drives, supporting components and associated maintenance
- Increased throughput with higher speeds and ability to handle more weight

## KEY ADVANTAGES

The new design of the 505 Series offers improved edge strength, a 10% open area and plug-less rod retention, which:

- Improves food safety and reduces product contamination risk
- Provides easy cleaning and sanitation
- Reduces downtime with easy installation, maintenance and repair
- Can be used in combination with smaller nose-over profiles with a diameter of 0.75" (19,05 mm)
- Available in BSE, a V2-class flame-retardant material
- Made from FDA- and EU-approved material

## BACKED BY LEADING INDUSTRY ENGINEERING

We provide technical support, documentation and resources to address your questions.

### Key Industries

- Food
- Beverage
- General conveying

### Key Applications

- Direct food contact
- Pan and tray handling
- Packaging

### General Specifications

- Side-flexing
- Pitch: 0.5" (12,7 mm)
- Open area: 10%
- Standard radius side flex ratio of 2:1
- PosiTrack
- S-Turn and nose-bar capable



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## Available Materials

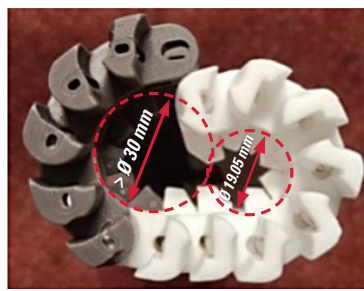
| Available Widths                                     | Prefix    | Chain Material              | Rod Material | Temperature Range |     |     |         |     |     | Working Load (max) |       |                |      | Approximate Weight |      | FDA/EU Approved Material |
|--|-----------|-----------------------------|--------------|-------------------|-----|-----|---------|-----|-----|--------------------|-------|----------------|------|--------------------|------|--------------------------|
|  |           |                             |              | Fahrenheit        |     |     | Celsius |     |     | Straight           |       | Max Curve Load |      |                    |      |                          |
|  |           |                             |              | min               | max |     | min     | max |     |                    |       |                |      | lbs/ft             | N/m  |                          |
|  |           |                             |              |                   | dry | wet |         | dry | wet | lbs/ft²            | kg/m² |                |      |                    |      |                          |
| <b>Standard Materials</b>                            |           |                             |              |                   |     |     |         |     |     |                    |       |                |      |                    |      |                          |
| 85 mm up to 680 mm with standard increments of 17 mm | XLG       | Low Friction Acetal (Green) | GVK          | -40               | 180 | 150 | -40     | 82  | 66  | 1028               | 15000 | 293            | 1300 | 2.04               | 9.94 | FDA                      |
|  | SMB       | Blue Cut Resistant          | GVK          | -40               | 180 | 150 | -40     | 82  | 66  | 1028               | 15000 | 293            | 1300 | 2.04               | 9.94 | FDA/EU                   |
|  | BSE (V-2) | Blue Self Extinguishing     | GVK          | -40               | 220 | 212 | -40     | 104 | 100 | 1028               | 15000 | 293            | 1300 | 1.69               | 8.24 | FDA/EU                   |

**Standardization**  
Can be used in existing 505 Series conveyor without any adjustments.

**Ease of Cleaning**  
KleanTop design for ease of cleaning, maintenance and installation.

**Food-Safe Design**  
Strengthened outer edge and plug-less rod retention provides a food-safe design.

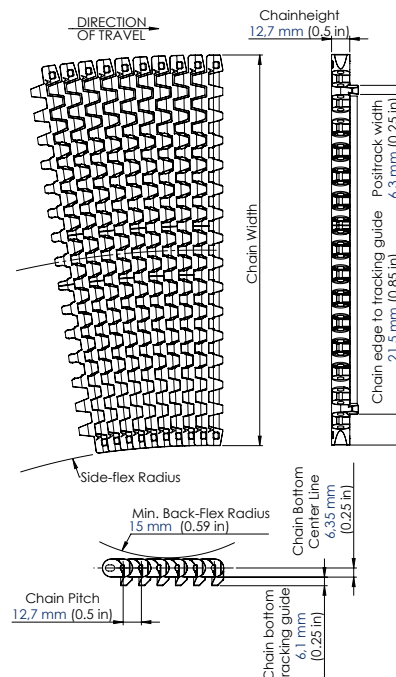
**Small Transfers**  
Nose-over diameter reduced from 30 mm to 19.05 mm.



Comparison of old versus new 505 for nose-bar capability

## GENERAL INFORMATION

- Clip-less design
- Small 0.75" (19,05 mm) nose-over diameter; can be used in combination with ¾ nose-over profiles)
- Turn ratio 2.0
- Bevel (RBP) and non-Bevel (RB) execution available
- Standard width from minimum 85 to maximum 3.346" - 26.772" (680 mm) increments of 0.669" (17 mm)
- Wide range of split and classic sprockets available. Note: This updated belt runs on the same sprockets as the current version
- Compatible with existing 505/7526 Series conveyors without any adjustments and can even be interlaced
- Available in XLG (POM) and food approved materials SMB (POM) & BSE (PA)
- BSE is a V2-class flame-retardant material



## Regal Rexnord

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The proper selection and application of products and components, including assuring that the product is safe for its intended use, are the responsibility of the customer. To view our Application Considerations, please visit <https://www.regalrexnord.com/Application-Considerations>.

To view our Standard Terms and Conditions of Sale, please visit <https://www.regalrexnord.com/Terms-and-Conditions-of-Sale>

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