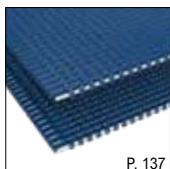


MatTop Chains

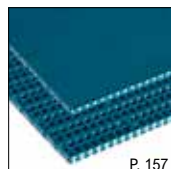
Solid Top Chains



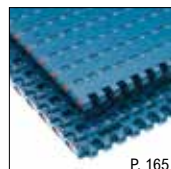
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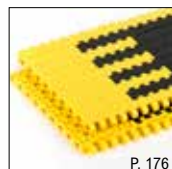
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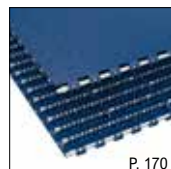
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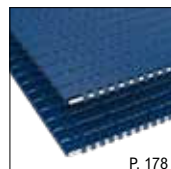
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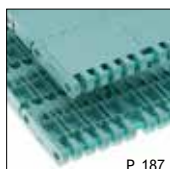
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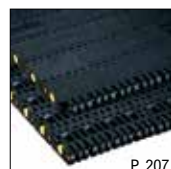
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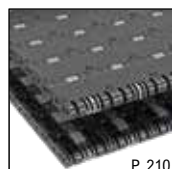
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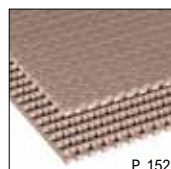
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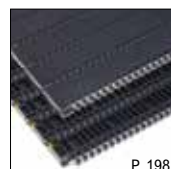
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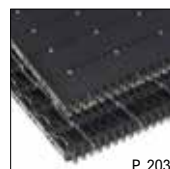
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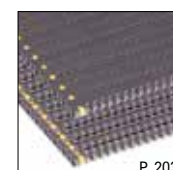
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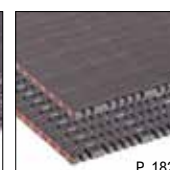
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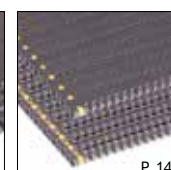
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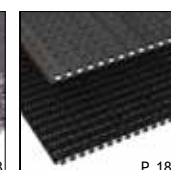
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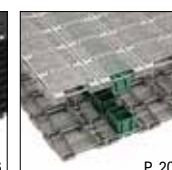
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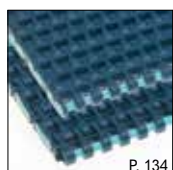


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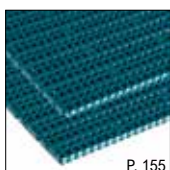


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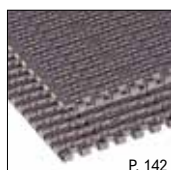
Perforated Top Chains



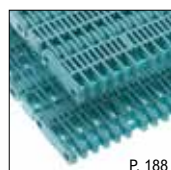
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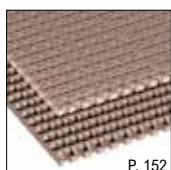
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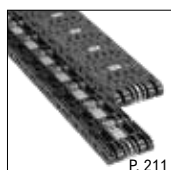
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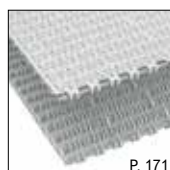
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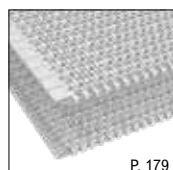
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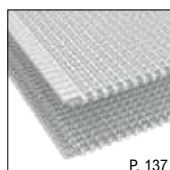
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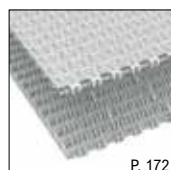
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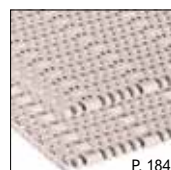
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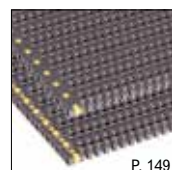
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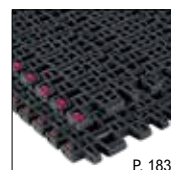
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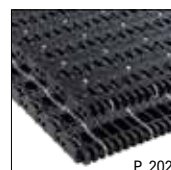
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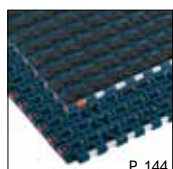


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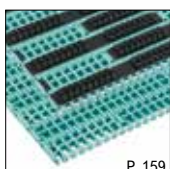


6992 Hybrid

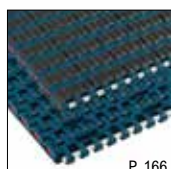
RubberTop Chains



1505



1000



1005



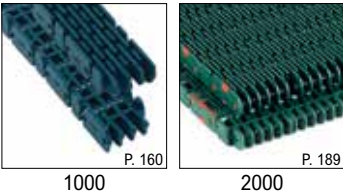
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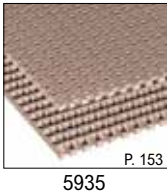
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MatTop Chains

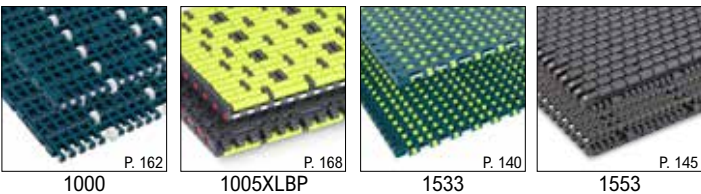
Raised Rib Chains



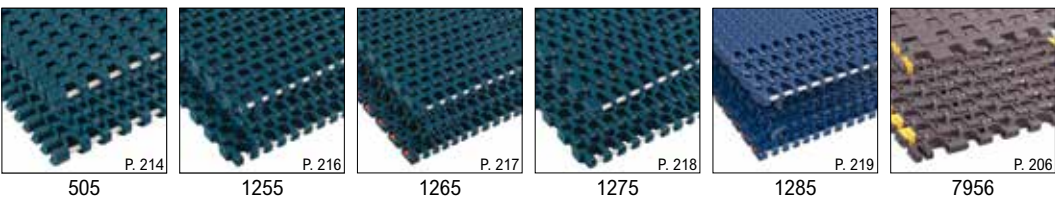
Vacuum Holes Chains



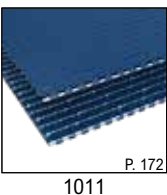
Low back Pressure Chains



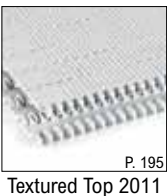
Perforated TopSide-Flexing



Perforated Nub Top



Textured Top



Safety Top



With a large variety of MatTop executions and materials Rexnord has got a conveying solution for virtually any application, especially in combination with the huge TableTop chain programme. The Rexnord brand has set a standard for modular conveyor belts in beverage industry and now the cleanable designs and specific accessories make several Rexnord MatTop series very suitable for food industry as well. Also in many other industries, such as container making, pharmaceutical and automotive, lines are equipped with Rexnord MatTop chains.

MatTop chains offer a reliable drive concept, using Rexnord great experience in chain drive technology.

The design of both belt and sprocket make a perfect combination meeting high standards for tooth and belt engagement, belt release from the sprocket and allowable elongation. Rexnord MatTop chains are also known for their clever pin retention systems, which make them very easy to install and maintain.

MatTop Chains

The range of MatTop chains varies from ½-inch small pitch sideflexing executions to 2½-inch pitch straight running heavy duty solutions. The different series are offered in many variations to suit any application:

Solid Top/Flat Top

A fully closed surface is used if products require maximum support, due to their vulnerability or instability, and if small particles, such as broken glass, bolts and nuts, bones or the product itself, could get stuck in the surface of the belt, possibly damaging or jamming the product or the belt.

Perforated Top/Flush Grid

An open area surface is used to allow water- or airflow through the belt and to remove debris, making sure the contact surface between the belt and the conveyed product stays clean. Pollution is washed out in a regular cleaning program. The open area varies per belt type.

Raised Top/Raised Rib

If (unstable) products need to be conveyed onto or from a belt or chain, Raised Top belts and fingerplates are suitable. The fingers of the transfer plate reach into and below the surface of the ribs of the belt. Fingerplates are available with longer and shorter fingers; short fingers are normally used in case of a risk of broken glass.

Vacuum Top

Vacuum conveyors are mainly used for can making or empty can handling in beverage plants. Small holes in a Solid Top belt enable to handle the empty cans by means of a vacuum underneath the belt.

Rubber Top/SuperGrip

On inclined and declined conveyors packs or crates can be handled smoothly using surfaces with rubber, moulded on top of a specially prepared module using either over-moulding or 2-component technology, ensuring 100% secure bonding. Rubber Top chains can be used up to an angle of 20 degrees, depending on the pack style and material.

Low Backline Pressure (LBP)

Handling accumulated products (cardboard cases, shrink-wrapped packs, flat based crates, tires, etc.) LBP chains are the best choice. XLBP1005 chains are recommended for shrink-wrapped packages without solid (cardboard) base and small packages, while LBP7703 is the best choice for (cardboard) cases, shrink-wrapped packs with a cardboard bottom and larger products. Both executions guarantee optimum product protection and low noise operation.

Sideflexing

This belt range offers a solution for almost any curved application.

Metric and imperial widths

Most belt series are available in either metric or imperial widths. Metric width has developed as the standard of the (European) beverage industry, following the standard 85 mm pitch between different strands of slatband chains.

This enables a high level of standardization between TableTop and MatTop conveyor design. Imperial widths, mainly used in the North American market, are the standard in many applications outside (European) beverage industry.

Positrack guiding system

In several MatTop series Rexnord offers Positrack or Tab guiding. This system consists of two lugs underneath the belt, offering an easy way to guide it in the conveyor. Positrack has advantages if lateral forces apply, as on side transfers of beverage containers and products entering from the side otherwise.

The system retains the belt on the conveyor frame without the need for additional wearstrips at the sides.

The lugs are usually situated on one side only (double Positrack) allowing for belt expansion without interfering with the accurate guiding of the belt.

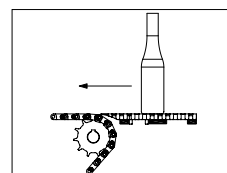
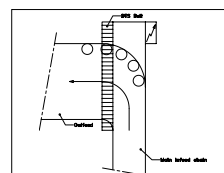
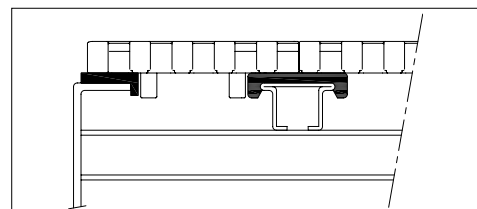
Dynamic Transfer System (DTS/FreeFlow)

The DTS® option makes it possible to construct self-clearing 90-degree transfers on which no products are left behind, avoiding the use of dead plates. A narrow DTS or FreeFlow belt is often used next to the main conveyor belt. Due to the constant moving belt underneath the product, pressure between the products, and therefore noise and product damage, is minimized in comparison with dead plate transfers. This system is available on 1500, 8500, 1000, 1005 and 7700-series.

Flights and sideguards

In several series flights and sideguards can be selected. Due to the great variety in positioning of these accessories these belts don't have fixed codes.

On the product page a table is added explaining the possibilities; examples are given how to make a description for the desired product configuration.



Straight Running Belt Serie		Small Products (Packs)	Glass handling	PET handling	Can handling	Pack handling	Pack accumulation	Pack incline conveyors	Pasteurizer, warmer, cooler	Accumulation Tables	Crates, bread tins	Direct food contact	Blancher, cooker, cooler	Loose food incline conveyors	Cutting	Automotive
Type	Pitch															
390	8mm															
500	1/2"															
590	1/2"															
1500	15 mm															
8500	3/4"															
5930	3/4"															
1000	1"															
1005	1"															
1010	1"															
1090	1"															
7700	1"															
2000	2"															
2010	2"															
1001	1"															
9406	61mm															
6990	2 1/4"															
3120	3"															

Application

SideFlexing Belt Types		Small packages	Standard packages	180-Degree conveyors	High-speed conveyors	Small radius	Crates, bread tins	Incline conveyors	Direct food contact
Type	Pitch								
505	1/2"								
1255	1 1/4"								
1265	1 1/4"								
1275	1 1/4"								
1285	1 1/4"								
7956	1 1/4"								

Application

Material	Mass handling	Inliner standard	Inliner / high-speed / PET	Abrasive wet	Abrasive dry	Static electricity sensitive (dry)	Chemicals, strong cleaning agents	Direct food contact (FDA approved)	Cutting	High temperatures	Freezing	General conveying food industry	Automotive
LF													
XLG													
PSX													
BWX													
DKA													
XP/HT													
WSM*													
WHT*													
WLT*													
BSM/BYSM													
DRY-PT													
FRPLUS													
GLA													

*For different colours of similar materials (e.g. SMB, BHT, etc.) the same recommendations apply. Not all materials are available in each belt series, but for specific applications the best materials are chosen. *) For individual application advice consult your local technical support representative.

Optional

Best choice