Matveyor®
FACTS

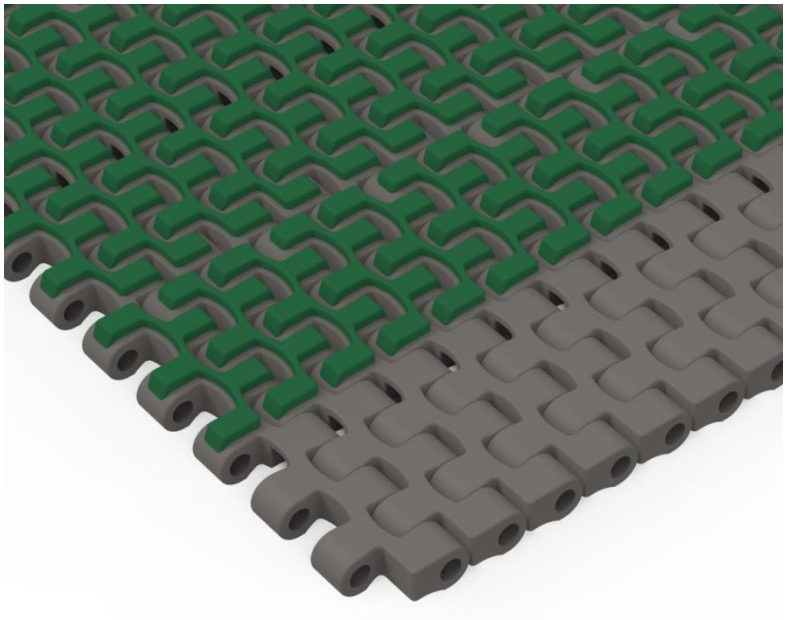
NEW

REGINA MODULAR BELTS HFS 510 SERIES

REGINA announces that the new ½"-pitch rubberized modular belt with side-indent, HFS 510 Series, has been added to the Matveyor® belts range.

The new Regina HFS 510 Series Matveyor® rubberized belt is shown in *Exhibit #1*.

Exhibit 1 – New belt HFS 510 Series



COMPACT END-TO-END TRANSFER OF PRODUCTS

Regina Matveyor® HFS 510 Series is characterized by 12.7 mm short pitch, which minimize the chordal effect when the belt engages with a nose-bar.

This results in end-to-end transfers with narrow dead-plate, allowing for a more compact line layout and reduced footprint.

OUTSTANDING GRIPPING PROPERTIES

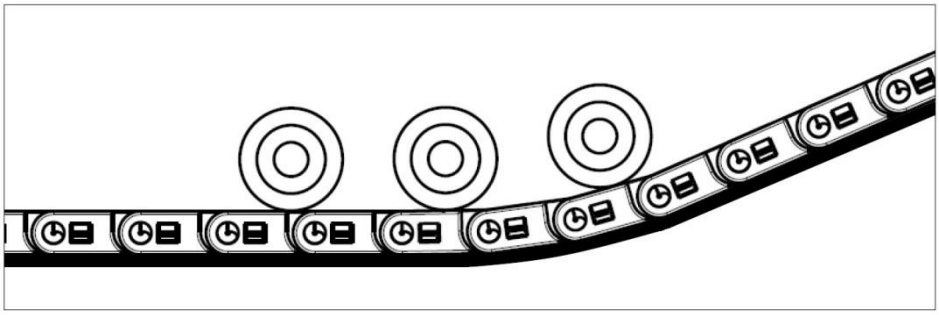
The top surface of Regina Matveyor® HFS 510 Series features maximized and uniform rubberized area, made of special thermoplastic rubber, providing outstanding grip of the conveyed products.

APPLICATIONS

Matveyor® FACTS

Regina Matveyor® HFS 510 Series is specifically developed for inclined / declined conveyors, integrating horizontal and incline/decline sections in one single conveyor.
The belt needs to be supported in the transition area between horizontal and incline/decline sections, to prevent it from being lifted off the tracks (see *Exhibit 2*). The supports can be positioned at the side indents of the belt.

Exhibit 2 – Example of support for side indent belt



OTHER FEATURES of REGINA MATVEYOR® HFS 510 SERIES

- Widths: minimum 255 mm (10.04”) with width increment multiple of 85 mm (3.35”)
- Materials:
  - Modules:
    - ✓ PP – Polypropylene
    - ✓ ULF – Ultra Low Friction polyester resin
  - Pins:
    - ✓ PBT - High wear resistance polyester (for PP belt modules)
    - ✓ POM - High mechanical strength acetal resin (for ULF belt modules)
  - Rubber
    - ✓ TPE (thermoplastic) with hardness of:
      - 50 ShA (PP belt modules)
      - 55 ShA (ULF belt modules)
- Sprockets: runs on 600 Series sprockets

AVAILABILITY

Regina HFS 510 Series Matveyor® rubberized belt will be available for sale starting from February 1st, 2022.

Regina’s general catalogue abstract reporting technical data of the new Regina Matveyor® HFS 510 Series is attached in Annex I.
Please do not hesitate to contact Regina application engineering team with any question or support request.

Best regards.

Regina Application Engineering Team
T: +39 039 9980.241
Email: application.engineering@reginachain.net

List of Annexes:

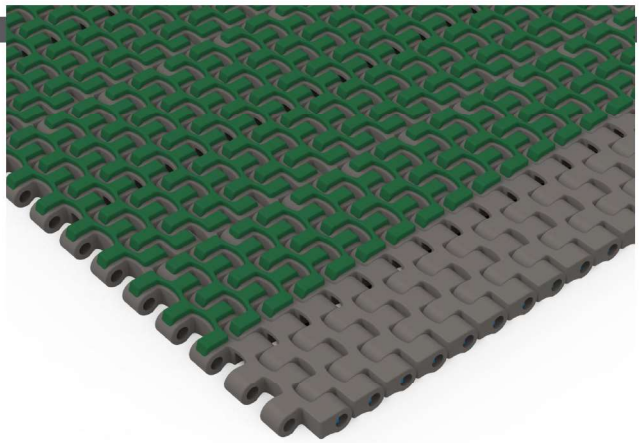
- Annex I: Regina general catalogue abstract of Matveyor® HFS 510 Series .

½" PITCH BELTS - **HFS 510 SERIES**

METRIC STANDARD

8,7 mm (0.343") THICKNESS
RUBBERIZED SURFACE - SIDE INDENT

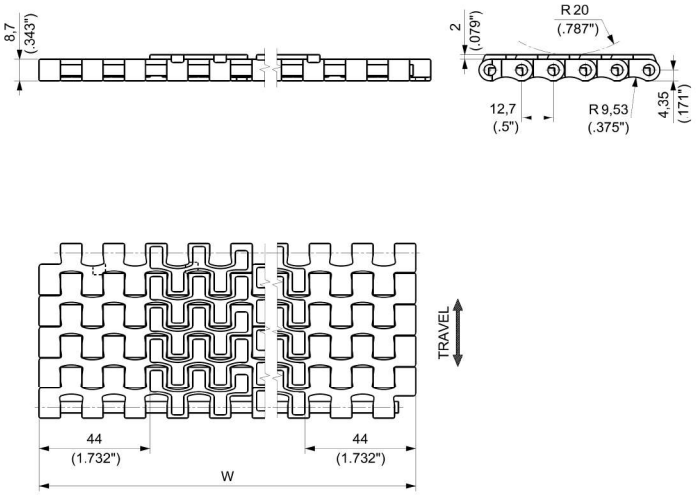
NEW



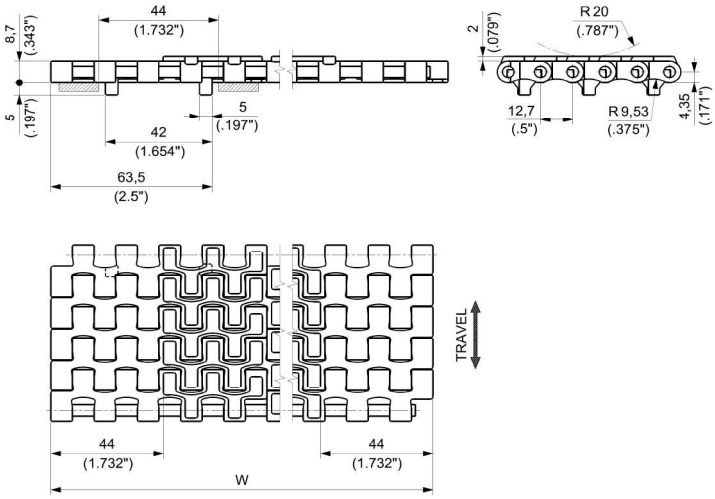
The belt is specifically designed for handling shrink wrapped packs, boxes, plastic trayes and other types of containers in incline, decline or timing applications.

Belt widths: 255 mm (10.04") or wider in 85 mm (3.346") increments
Working Load (at 25°C/77°F): 10000 N/m (685 lbs/ft) for ULF and PP materials
Belt weight: 9,22 kg/m² (1.89 lbs/ft²) for ULF material
7,02 kg/m² (1.44 lbs/ft²) for PP material

VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



WIDTH W		MATERIALS					
		Module				Rubber	Pin
		ULF ULTRA LOW FRICTION POLYESTER RESIN		PP SPECIAL POLYPROPYLENE [1]			
		PART NUMBER		PART NUMBER			
mm	inch	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE		
255	10.04	**HFS510ULF0255**	**HFS510G1ULF0255**	**HFS510APP0255**	**HFS510AG1PP0255**	THERMOPLASTIC TPE 55 ShA hardness (for ULF material) TPE 50 ShA hardness (for PP material)	POM for ULF material PBT for PP material
340	13.39	**HFS510ULF0340**	**HFS510G1ULF0340**	**HFS510APP0340**	**HFS510AG1PP0340**		
425	16.73	**HFS510ULF0425**	**HFS510G1ULF0425**	**HFS510APP0425**	**HFS510AG1PP0425**		
510	20.08	**HFS510ULF0510**	**HFS510G1ULF0510**	**HFS510APP0510**	**HFS510AG1PP0510**		
595	23.43	**HFS510ULF0595**	**HFS510G1ULF0595**	**HFS510APP0595**	**HFS510AG1PP0595**		
680	26.77	**HFS510ULF0680**	**HFS510G1ULF0680**	**HFS510APP0680**	**HFS510AG1PP0680**		
765	30.12	**HFS510ULF0765**	**HFS510G1ULF0765**	**HFS510APP0765**	**HFS510AG1PP0765**		
850	33.46	**HFS510ULF0850**	**HFS510G1ULF0850**	**HFS510APP0850**	**HFS510AG1PP0850**		
935	36.81	**HFS510ULF0935**	**HFS510G1ULF0935**	**HFS510APP0935**	**HFS510AG1PP0935**		
1020	40.16	**HFS510ULF1020**	**HFS510G1ULF1020**	**HFS510APP1020**	**HFS510AG1PP1020**		

[1] ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.
Example: for a 1105 mm wide belt (−1020+85 mm) without guide, the PN for ULF material is "HFS510ULF1105".

Standard packaging:
Belts widths ≤ 1020 mm (40.16") are supplied in rolls of 3,048 m (10 ft) each.
Belts widths ≥ 1105 mm (43.50") are supplied in the length requested by the customer.

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