

# REXNORD® 6400 SERIES KLEANTOP® PLASTIC SPIRAL CAGE BELT

FOR GREATER THROUGHPUT IN FOOD PROCESSING

Regal Rexnord develops innovative conveyor belt solutions to help customers meet the increasing demands of the food processing industry. The Rexnord 6400 KleanTop Plastic Spiral Belt Series was developed leveraging our extensive expertise in plastic modular and metal spiral cage belts.

The 6400 line is modular and offers a reinforced outer link with our patented PowerKey™. The belt is stronger and more rigid in spiral applications due to its enhanced beam strength construction. Customers can increase belt life, or throughput, or both! With a standard 1.5" pitch, the 6400 can be used in a variety of spiral applications including bakery and protein.

## KEY ADVANTAGES

These Plastic Spiral Belts are designed to run with greater efficiency and productivity through:

- Increased belt tension strength with PowerKey technology to carry more load or run at faster speeds
- Elevated beam strength from stainless steel rods creates a stiffer belt that can carry more product while reducing carrying rails for lower overall cost
- Better product release and transfer which reduces product loss
- > 45% open area allowing for maximum airflow
- Reduced maintenance time – easy assembly and disassembly with our patented PowerKey, and simple rod removal

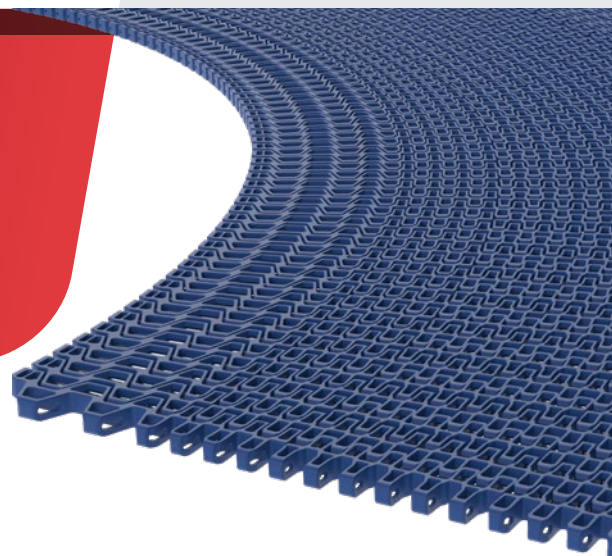
## EASY TO INSTALL, EASY TO CLEAN

Manufactured with hygiene and ease-of-use in mind, the 6400 provides:

- Open design for thorough sanitation
- Easy installation decreases downtime
- No cutting, welding or grinding necessary, improving uptime

## BACKED BY LEADING INDUSTRY ENGINEERING

Technical support, documentation and resources allow easy installation.



## Key Industries

- Bakery
- Protein
- Fruit and Vegetable
- Ready-to-Eat

## Key Applications

- Proofing
- Cooling
- Freezing
- Buffering

## General Specifications

- Pitch: 1.5" (38,1 mm)
- Rods: Stainless Steel
  - US 3/16" (4,76 mm)
  - EU 5 mm (0.20")
- Belt Turning Radius:  
1.6 and 2.2 x the belt width
- Belt Width Ranges:
  - 18" - 72" (457,2 mm - 1828,8 mm) Increments of 2"
  - Custom increments of 1" (50,8 mm) also available

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## Specifications

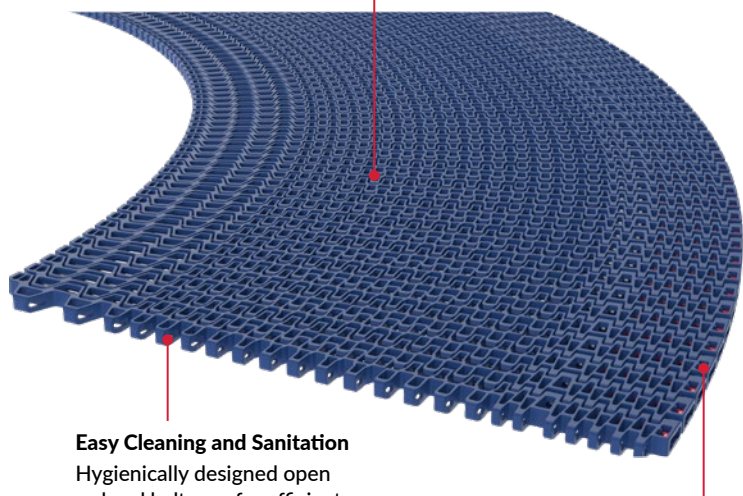
Available Widths	Available Materials	Temperature Range						Working Load				Approximate Weight	
		Fahrenheit			Celsius								
		min	max		min	max		Straight		Radius Spiral			
			dry	wet		dry	wet	lbs/ft	N/m	lbs	N	lbs/ft²	Kg/m²
18" (457,2 mm) up to 72" (1828,8 mm) with standard increments of 2" (50,8 mm)	SMB	-40°	180°	150°	-40°	82°	66°	1800	26000	600	2600	2.3	11,3
	WHT	40°	220°	212°	4°	104°	100°	1100	16000	300	1300	1.7	8,6

### Lateral Beam Strength

Decreased belt deflection allowing for fewer support rails in the spiral cage system

### Stronger Belt Design

Enables conveyance of larger product volumes increasing throughput - a 25% increase over current industry belting

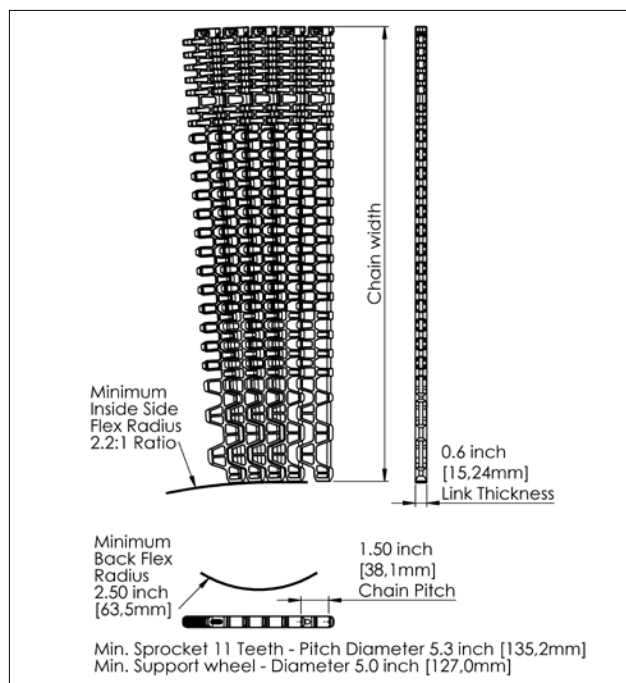
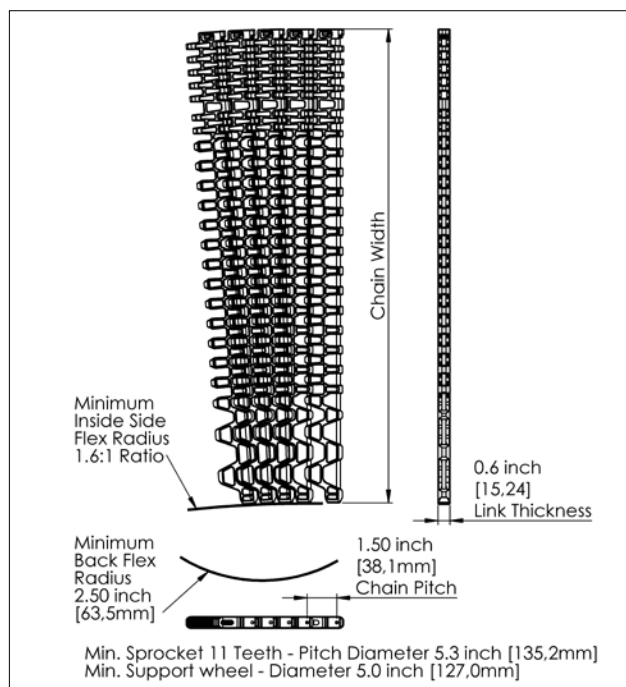


### Easy Cleaning and Sanitation

Hygienically designed open rod and belt area for efficient and thorough cleaning

### Unique PowerKey™ Design

Captures load and tension on the outer link and spreads it across the full link and hinge eyes



Automation and Motion Control  
Regal Rexnord

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