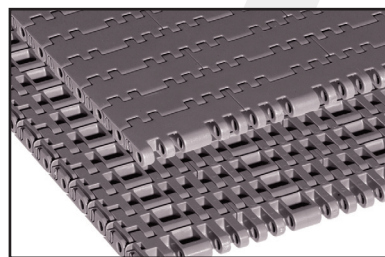
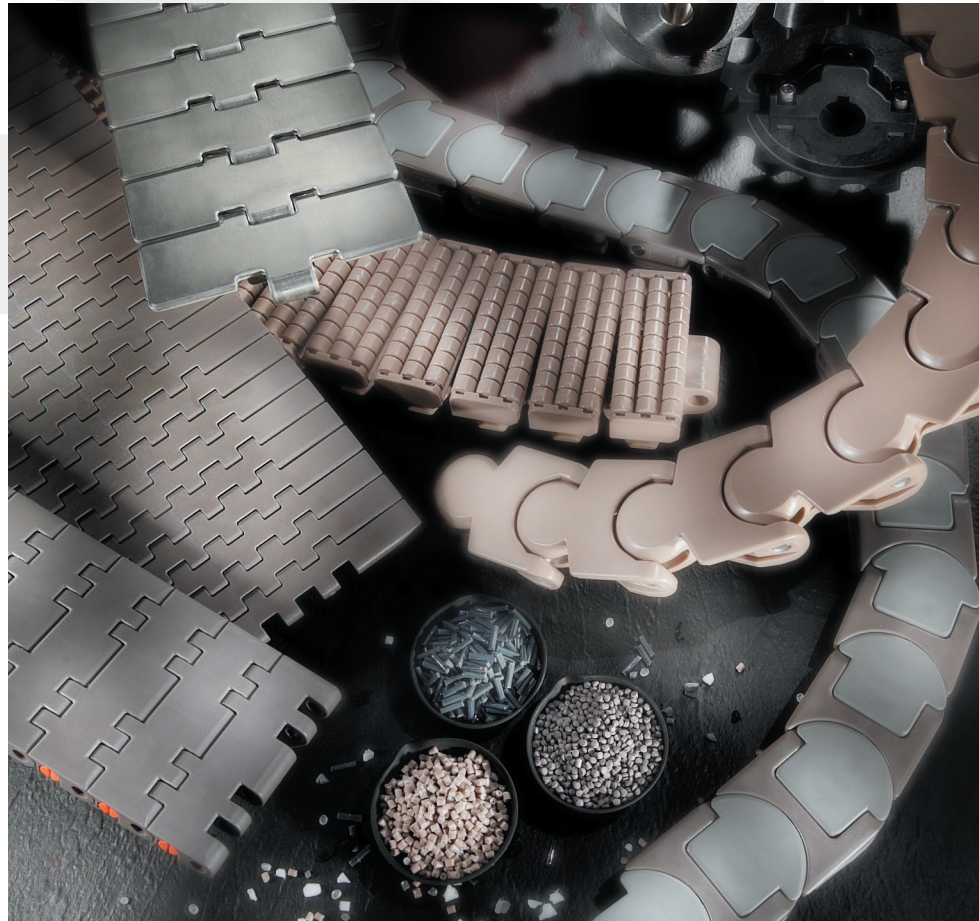


**Rexnord® TableTop® and MatTop® Chains | Competitive  
Intralox® Belt Interchange**



**REXNORD FLATTOP NORTH AMERICA.**

**REXNORD**  
PRECISION. POWER. PERFORMANCE.

# Rexnord® TableTop® and MatTop® Chains - Intralox® Belt Interchange

The following pages provide a general guideline for retrofitting Rexnord TableTop and MatTop chain in place of Intralox belt. The selection shown provides the closest equivalent Rexnord chain as determined by chain style and/or strength.

All of Rexnord chains must be used with Rexnord sprockets. Many of the interchanges require very easy retrofits such as:

- Sprocket size is similar which results in little to no shaft movement
- Chain thickness is the same which results in no shimming of wearstrips

The final solution should always be based on the specific application and depends on loading, open area requirements and environmental conditions. This document will help you to select the closest equivalent chain without taking the specific application into consideration.

For more detailed assistance on providing a replacement consult our North America Application Engineering Department at 262-376-4800.

What do we need from you?

- Intralox belt currently used (i.e. width, surface style, attachments)
- Intralox sprocket currently used (including bore size)
- Environment condition (i.e. temperature, abrasives, loading, etc.)
- Problems customer is currently experiencing

What will Application Engineering provide?

- The best Rexnord chain for the specific application
- Retrofit calculations and specific requirement information (as shown below)

Customer Name:	Sample
Location:	Sample
Contact:	Sample
Date:	18-Dec-03
Rex Salesman:	Sample
RSO:	Midwest

Retrofit	from	Intralox	to	Rex
Chain #	900		8506	
Chain Pitch	1.07 in	27.2 mm	0.76 in	19.2 mm

Spkt Shaft Drop	Eff # of T	18	25	Standard
	Spkt P.D.	6.162 in	156.5 mm	6.040 in 153.4 mm
	"A" Dim	2.88 in	73.2 mm	2.85 in 72.3 mm
	Raise Shaft by:	0.03 in	0.8 mm	
	(Assuming top of wear surface remains at same height) (or lower shaft if answer is negative)			

Chain Height Adjustment	"H" Dim	0.344 in	8.7 mm	0.344 in	8.7 mm
	Lower Top Surface by:	0.00 in	0.0 mm		
	(In order to keep transfer line at same height as before) (or raise if answer is negative)				

Wearstrip Dim Change	"C" Dim	2.200 in	55.9 mm	0.757 in	19.2 mm
	Decrease "C" by	1.443 in	36.7 mm		
	(i.e. Extend wear strips by:) (or shorten wear strips if answer is negative) (Note: Intralox calls this "B" Dim) (Also Note: This dimension may have to be adjusted depending upon axial sprocket locations)				

Speed Differential	The new speed will be:	0.98 times the old speed.
	(Assuming the drive train remains the same)	

Chain Number ==>	8506	Sprocket Size ==>	25
		(Number of Teeth, Eff.)	

Pitch Diameter ==>	6.040 in	153.4 mm
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Shaft Drop Dimensions		
	in	mm
A	2.848	72.3
B*	N/A	####
C	0.750	19.1
D	3.192	81.1

Intralox® Belt					Rexnord® Chain				
Series	Style	Pitch	Thick	Open Area	Chain No.	Pitch	Thick	Open Area	Comments
100	Flush Grid	1.0 (25.4)	0.34 (8.7)	31%	8506	0.75 (25.4)	0.34 (8.7)	20%	Direct replacement
	Raised Rib		0.56 (14.3)	31%	8507		0.56 (14.2)	20%	
200	Open Grid	2.0 (50.8)	0.63 (15.9)	33%	4706	1.5 (38.1)	0.50 (12.7)	22%	Not a direct replacement
	Flush Grid			33%	5966			31%	
	Open Hinge			45%	5998	2.25 (57.2)	0.72 (18.2)	45%	
	Flat Top		0%	6995	1.8%				
	Perforated Flat Top		12%	5996	21%				
400	Flush Grid	2.0 (50.8)	0.63 (15.9)	17%	5996	2.25 (57.2)	0.72 (18.2)	21%	Not a direct replacement
	Flat Top			0%	6995			1.8%	
	Open Hinge			30%	5998			45%	
	Non-Skid		0.72 (18.1)	0%	6999		0.82 (20.8)	1.8%	
	Roller Top		0.81 (20.5)	18%	3003	2.50 (63.5)	1.01 (25.7)	3.3%	
	Transverse Roller Top			18%	3004		1.04 (26.5)	3.3%	
	Angled Roller		0.88 (22.2)	18%	NA				
	Ball Belt			11%	NA				
	Raised Rib			26%	5997	2.25 (57.2)	0.97 (24.6)	22%	
	800		Flat Top	2.0 (50.8)	0.63 (15.9)	0%	2015	2.0 (50.8)	
Open Hinge		0%	2015			2%			
Perforated Flat Top		18%	2016			18%			
Flush Grid		27%	2016			18%			
Mesh Top		9%	2016			18%			
Mini Rib		0.75 (19.1)	0%		2015	0.73 (18.5)	2%		NA
Cone Top			0%		2011		2%		
Open Hinge Cone Top			0%		2011		2%		
Nub Top		0.73 (18.4)	0%		2011		2%		Direct replacement
Flush Grid Nub Top			0%		2011		2%		
Open Hinge Nub Top			0%		2011		2%		
Roller Top		1.06 (27.0)	0%		3003	2.5 (63.5)	1.01 (25.7)	3%	Not a direct replacement
Raised Rib		0.90 (22.9)	NA		5997		0.97 (24.6)	22%	
Friction Top		0.79 (19.9)	NA		HPM 5705		1.5 (38.1)	0.59 (15.0)	

Direct replacement = Change sprockets and chain with no other adjustments

Not a direction replacement = Change sprockets and chain with adjustments



Intralox® Belt					Rexnord® Chain				
Series	Style	Pitch	Thick	Open Area	Chain No.	Pitch	Thick	Open Area	Comments
850	Min. Hinge Flat Top	2.0 (50.8)	0.63 (15.9)	0%	2015	2.0 (50.8)	0.63 (15.9)	2%	Direct replacement
	Min. Hinge Nub Top		0.73 (18.4)	0%	2011			2%	
	Min. Hinge Cone Top		0.75 (19.1)	0%	2011			2%	
900	Flat Top	1.0 (25.4)	0.38 (9.8)	0%	8506	0.75 (19.1)	0.34 (8.7)	2%	Direct replacement
	Flat Top ONEPIECE			0%	8505 DTS™			2%	
	Flush Grid ONEPIECE			38%	8505 DTS™			2%	
	Perforated Flat Top			8-11%	8505 E			6.4%	
	Mesh Top			24%	8506			20%	
	Open Grid		0.53 (13.2)	38%	8506			20%	
	Flush Grid		0.34 (8.7)	38%	8506			20%	
	Raised Rib		0.56 (14.3)	38%	8507		0.56 (14.2)	20%	
	Friction Top		0.53-0.59 (13.2-15.0)	NA	HTF 8505		0.44 (11.2)	3%	
	Flush Grid w/Rollers		0.75 (19.1)	NA	1503	0.59 (15.0)	0.40 (10.2)	26%	Not a direct replacement
	Nub Top		0.48 (12.3)	0%	NA				
	Flush Grid Nub Top		0.39 (10.0)	38%	NA				
1000	Flat Top	0.60 (15.2)	0.34 (8.7)	0%	1505	0.59 (15.0)	0.34 (8.7)	2%	Direct replacement
1100	Flush Grid	0.60 (15.2)	0.34 (8.7)	28%	1506	0.59 (15.0)	0.34 (8.7)	26%	Direct replacement
	Flat Top			0%	1505			2%	
	Flush Grid ONEPIECE			28%	1505 DTS™				
	Flush Grid Friction Top			28%	HTF 1505			2%	
	Diamond Top			NA					
	Perforated Flat Top			3%	8505 E	0.75 (19.1)	0.34 (8.7)	6.4%	Not a direct replacement
	Flush Grid Nub Top		0.39 (10.0)	15%	NA				
	Cone Top		0.47 (11.9)	0%	NA				

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Contact Rexnord® FlatTop NA Application Engineering if you need assistance at 262-376-4800

Intralox® Belt					Rexnord® Chain				
Series	Style	Pitch	Thick	Open Area	Chain No.	Pitch	Thick	Open	Comments
1200	Flush Grid	1.44 (36.6)	0.75 (19.1)	24%	9608	1.5 (38.1)	0.75 (19.1)	20%	Not a direct replacement
	0%			6995	2.25 (63.5)	0.72 (18.2)	2%		
	0.84 (36.6)		0%	6999		0.82 (20.8)	2%		
	1.00 (25.4)		24%	5997		0.97 (24.6)	22%		
	Non-Skid Raised Rib		0%	NA					
1400	Flat Top	1.0 (25.4)	0.50 (12.7)	0%	7705	1.0 (25.4)	0.50 (12.7)	3%	Direct replacement
	0%			7705 DTS™	3%				
	21%			7706	8%				
	0.70 (17.8)		0%	HTF 7705	0.69 (17.5)		3%		
	1.30 (33.0)		0%	7703	1.29 (32.6)		3%		
	Non Skid	0.55 (14.0)	0%	NA			Not a direct replacement		
1500	Flush Grid	0.50 (12.7)	0.25 (6.4)	48%	8506	0.75 (19.1)	0.34 (8.7)	20%	Not a direct replacement
1600	Open Hinge Flat Top	1.0 (25.4)	0.40 (10.2)	0%	1015	1.0 (25.4)	0.43 (11.0)	2%	Direct replacement
	16%			8506	0.75 (19.1)	0.34 (8.7)	20%	Not a direct replacement	
	0.56 (14.2)		0%	8505			2%		
	0.48 (12.1)		0%	2011	2.0 (50.8)	0.63 (16.0)	2%		
	16%		2011	2%					
1650	Min. Hinge Flat Top	1.0 (25.4)	0.40 (10.2)	0%	1015	1.0 (25.4)	0.43 (11.0)	2%	Direct replacement
1700	Flush Grid	1.5 (38.1)	0.75 (19.0)	37%	5889	2.25 (63.5)	0.72 (18.2)	45%	Direcct replacement
	Flush Grid Nub Top		0.87 (22.2)	37%	NA			Not a direct replacement	
	Transverse Roller Top		1.88 (74.6)	26%	3004	2.50 (63.5)	1.04 (26.5)		3%

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Intralox® Belt					Rexnord® Chain					
Series	Style	Pitch	Thick	Open Area	Chain No.	Pitch	Thick	Open	Comments	
1800	Flat Top	2.5	0.75	0%	6995	2.25 (63.5)	0.72	2%	Direct replacement	
	Mesh Top	(63.5)	(19.1)	32%	5996		(18.2)	21%		
1900	Raised Rib	2.07 (52.6)	1.37 (34.8)	27%	5997		1.0 (25.4)	22%		
2200	Flush Grid	1.5 (38.1)	0.75 (19.1)	50%	7956	1.25 (31.8)	0.50 (12.7)	16%	Not a direct replacement 2200 has a 2.2 minimum radius 7956 has a 2.0 minimum radius	
	Flush Grid High Deck		1.25 (31.8)	50%						
	Friction Top		1.00 (25.4)	50%	NA			Not a direct replacement 2200 has a 2.2 minimum radius		
	Flush Grid w/ Rollers		0.93 (23.5)	50%	NA			Not a direct replacement 2200 has a 2.6 minimum radius		
2400	Flat Top	1.0 (25.4)	0.65 (16.5)	0%	7846	1.00 (25.4)	0.50 (12.7)	22%	Not a direct replacement 2400 has a 2.2 minimum radius 7846 has a 1.5 minimum radius 7846 can not make an “S” curve*	
	Flush Grid		0.50 (12.7)	42%						
	Flush Grid High Deck		0.90 (22.8)	42%						
	Friction Top		0.70 (17.8)	42%	NA			Not a direct replacement 2400 has a 2.2 minimum radius		
	w/ Rollers		0.68 (17.1)	42%	NA			Not a direct replacement 2400 has a 2.4 - 2.8 minimum radius		
	Raised Rib		1.00 (25.4)	42%	NA			Not a direct replacement 2400 has a 2.2 minimum radius		
2600	Spiralox	2.0 (50.8)	0.59 (15.0)	57%	7846	1.00 (25.4)	0.50 (12.7)	22%	Not a direct replacement 2600 has a 1.1 - 3.2 minimum radius 7846 has a 1.5 minimum radius	
	Spiralox Friction Top		0.83 (21.0)	NA	NA			Not a direct replacement		
2700	Spiralox	2.0 (50.8)	0.59 (15.0)	51%	7846	1.00 (25.4)	0.50 (12.7)	22%	Not a direct replacement 2600 has a 1.1 - 3.2 minimum radius 7846 has a 1.5 minimum radius	

\* 7846 can not make an "S" curve with one conveyor. For "S" curve applications contact Application Engineering for recommendations

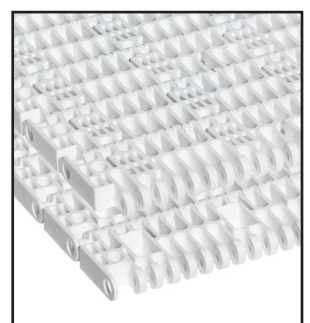
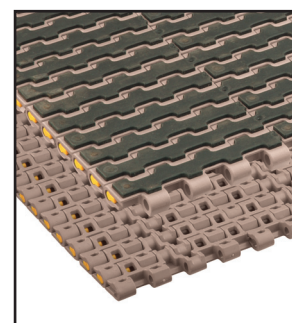
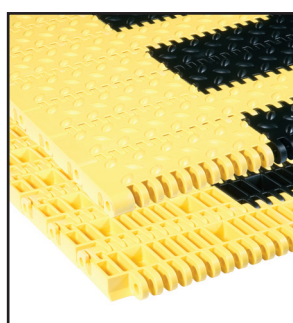
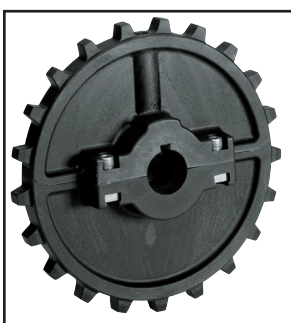
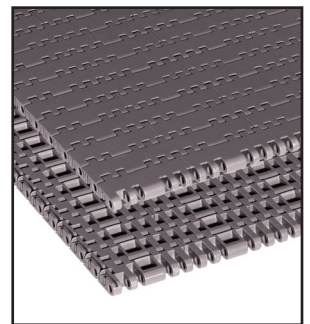
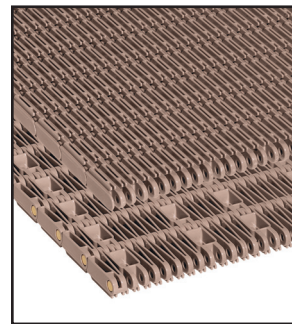
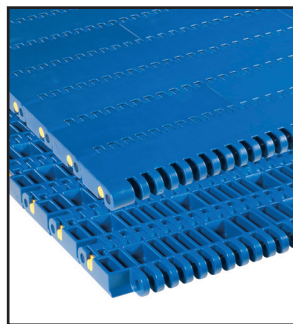
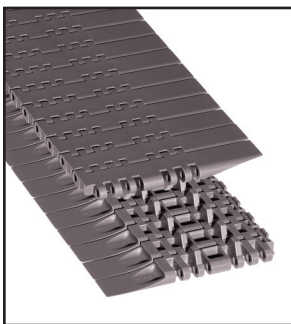
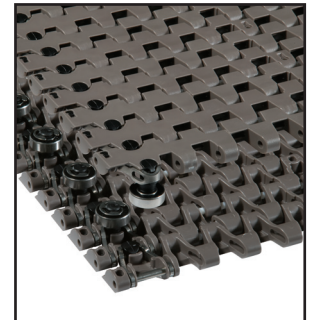
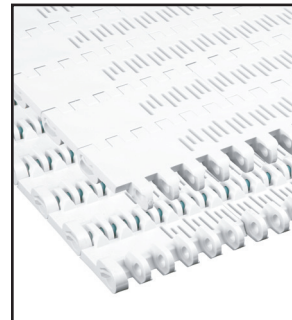
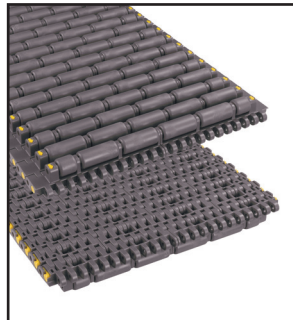
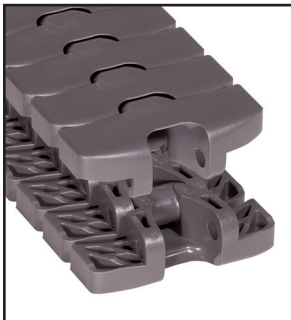
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Not a direction replacement = Change sprockets and chain with adjustments

Contact Rexnord® FlatTop NA Application Engineering if you need assistance at 262-376-4800

Intralox® Belt					Rexnord® Chain				
Series	Style	Pitch	Thick	Open Area	Chain No.	Pitch	Thick	Open	Comments
3000	Knuckle Chain	2.0 (50.8)	0.80 (20.4)	13%	1765	1.97 (50.0)	0.94 (24.0)	NA	Not a direct replacement
4000	S4009 Flush Grid	1.0 (25.4)	0.34 (8.7)	0%	FGM 1050	1.0 (25.4)	0.34 (8.7)	0%	Direct replacment Must use Rexnord corner tracks
	S4009 Flat Top		0.38 (9.8)	0%	FTM 1060			0%	Not a direct replacement Must use Rexnord corner tracks
	S4090 Flat Top			0%	FTLPC 1050			0%	
	S4091 Flat Top			0%	FTLPC 1050			0%	
	S4092 Flat Top			0%	FTLPC 1050			0%	
	S4014 Flat Top		0.50 (12.7)	0%	FTLPC 1055		0.50 (12.7)	0%	Direct replacement Must use Rexnord corner tracks

Contact Rexnord® Application Engineering to obtain retrofit information on the product that is ideal for your application.



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# World Class Customer Service

For more than 100 years, the dedicated people of Rexnord have delivered excellence in quality and service to our customers around the globe. Rexnord is a trusted name when it comes to providing skillfully engineered products that improve productivity and efficiency for industrial applications worldwide. We are committed to exceeding customer expectations in every area of our business: product design, application engineering, operations, and customer service.

Because of our customer focus, we are able to thoroughly understand the needs of your business and have the resources available to work closely with you to reduce maintenance costs, eliminate redundant inventories and prevent equipment down time.

Rexnord represents the most comprehensive portfolio of power transmission and conveying components in the world with the brands you know and trust.

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