

		Flat	Тор
	in.	mm	5 / 1 / 1 / 1 / 1
Pitch	2.00	50.8	· 12 / 1 / 1 / 1 / 1
Minimum Width	2	51	Au.
Width Increments	0.66	16.8	
Opening Size (approximate)	-	-	
Open Area	0	%	All the state of t
Hinge Style	Op	en	
Drive Method	Center	-driven	The state of the s
Product	Notes		
 Always check with Custome width measurement and stord designing a conveyor or or expension. Smooth, closed upper surface recessed rods. Impact resistant belt designed applications. Flights and sideguards are averaged. 	cck status be dering a belt. e with fully flus d for tough Me	fore sh edges and	
Additional Ir	nformati	on	0.625"
 See "Belt selection process" (See "Standard belt materials" See "Special application belt See "Friction factors" (page 3 	(page 5) " (page 18) <i>materials"</i> (pa		2.00" NOM. (50,8 mm) 2.00" NOM. (50,8 mm) (15.9 mm) 0.313" (7.9 mm)

	Belt Data																
Belt Material	Standard Rod Material	BS	Belt Strength (continuous) Belt Agency Acceptabi 1=White, 2=Blue, 3=Natur							Belt Temperature Range (continuous)			•	•	Grey	/	
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA-FSIS - Meat & Poultry	USDA Dairy ^a	CFA ^b	A ^c	Z ^d	Je	EU MC ^f		
Polypropylene	Polypropylene	1000	1490	34 to 220	1 to 104	1.77	8.66	•	•	1	•	•	•	3	•		
Polyethylene	Polyethylene	500	750	-50 to 150	-46 to 66	1.87	9.13	•	•	3	•	•	•	3	•		
Acetal	Polyethylene	900	1340	-50 to 150	-46 to 66	2.75	13.43	•	•	1	•	•		3	•		
Nylon	Polyethylene	1200	1780	-50 to 150	-46 to 66	2.32	11.33	1			•	•			•		

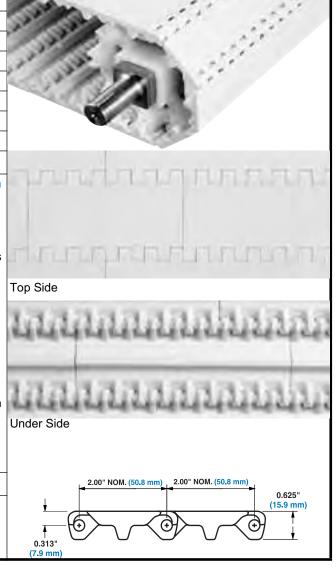
- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
- b. Canada Food Inspection Agency
- c. Australian Quarantine Inspection Service
- d. MAF-New Zealand Ministry of Agriculture and Forestry. MAF acceptance requires the use of a clean-in-place system.
- e. Japan Ministry of Health, Labour, and Welfare
- f. European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.



	0	pen Hing	e Flat Top
	in.	mm	Police
Pitch	2.00	50.8	
Minimum Width	6	152	
Width Increments	0.66	16.8	1,000
Opening Size (approximate)	-	-	
Open Area	09	%	200
Hinge Style	Ор	en	
Drive Method	Center-	-driven	
Dradua	t Notos		

- Always check with Customer Service for precise belt width measurement and stock status before designing a conveyor or ordering a belt.
- Smooth, closed upper surface with fully flush edges and recessed rods.
- Cam-link designed hinges expose more hinge and rod area as the belt goes around the sprocket. This exclusive Intralox feature allows unsurpassed cleaning access to this area.
- Fully sculpted and radiused corners no pockets or sharp corners to catch and hold debris.
- Drive Bar like Series 1600 and Series 1800, the drive bar on the underside of Series 800 Open Hinge Flat Top channels water and debris to the outside of the belt for easier, faster clean up. The drive bar's effectiveness has been proven both in-house and in field tests.
- Fully compatible with industry-proven Series 800 Flat Top can be spliced directly into Series 800 Flat Top, using the same sprockets and accessories.
- Streamlined flights are available. Standard height is 6 in. (152.4 mm) or they can be cut down to custom heights.

- See "Belt selection process" (page 5)
- See "Standard belt materials" (page 18)
- See "Special application belt materials" (page 18)
- See "Friction factors" (page 31)



	Belt Data													
Belt Material	Standard Rod Material	BS				3. 3.					y Acceptability: lue, 3=Natural, 4=Grey			
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA Dairy ^a	CFA ^b	A ^c	Jd	EU MC ^e	
Polypropylene	Polypropylene	900	1340	34 to 220	1 to 104	1.63	7.96	•	1			3	•	
Polyethylene	Polyethylene	500	750	-50 to 150	-46 to 66	1.70	8.30	•	3			3	•	
Acetal	Polyethylene	900	1340	-50 to 150	-46 to 66	2.52	12.3	•	1			3	•	
Detectable Polypropylene ^f	Blue Polyethylene	500	750	0 to 150	-18 to 66	1.83	8.93	•				4	•	

- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
- Canada Food Inspection Agency
- Australian Quarantine Inspection Service
- Japan Ministry of Health, Labour, and Welfare
- European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.
- Detectable Polypropylene can be sensed with metal detection equipment. Testing the material on a metal detector in a production environment is the best method for determining detection sensitivity.



	SeamFi	ree™ Ope	n Hinge Flat Top
	in.	mm	27 1/. /
Pitch	2.00	50.8	
Minimum Width	6	152	Service 1
Width Increments	0.66	16.8	ST 81 0 1 1
Opening Size (approximate)	-	-	STATE IN
Open Area	0	%	
Hinge Style	Ot	pen	- 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Drive Method	Cente	r-driven	4.00
Product	Notes		
measurement and stock status conveyor or ordering a belt. Smooth, closed upper surface we recessed rods. Cam-link designed hinges - expet the belt goes around the sprock feature allows unsurpassed clear Fully sculpted and radiused concorners to catch and hold debris. Drive Bar - like Series 1600 and the underside of Series 800 Opwater and debris to the outside clean up. The drive bar's effection-house and in field tests. Fully compatible with industry-pube spliced directly into Series 80 sprockets and accessories. Streamlined flights are available (152.4 mm) or they can be cut of Belts over 36" (914 mm) will be row, but seams will be minimized.	with fully flush edose more hinge a set. This exclusive aning access to the force of the belt for eactiveness has been roven Series 800 to Flat Top, using e. Standard height down to custom built with multipled.	Iges and and rod area are Intralox this area. s or sharp e drive bar on op channels usier, faster on proven both O Flat Top – can og the same that is 6 in. heights. Ite modules per	
Additional I	nformation		2.00" NOM. (50.8 mm) 2.00" NOM. (50.8 mm) 0.313" (7.9 mm
 See "Belt selection process" (page 58 see "Standard belt materials" (page 58 see "Special application belt materials" (page 34). 	page 18) aterials" (page 18	8)	0.625" (15.9 mm)

	Belt Data										
Belt Material	Standard Rod Material Ø 0.24 in.	BS Belt Strength Temperature Range (continuous) Belt Weight			Material Ø 0.24 in.				gency Acce nite, 2=Blue 4=Gre	e, 3=Na	•
	(6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA Dairy ^b	Jc	EU MC ^d
Polypropylene	Polypropylene	900	1340	34 to 220	1 to 104	1.63	7.96	•	1	3	•
Polyethylene	Polyethylene	500	750	-50 to 150	-46 to 66	1.70	8.30	•	3	3	•
Acetal	Polyethylene	900	1340	-50 to 150	-46 to 66	2.52	12.3	•	1	3	•
X-Ray Detectable Acetal ^e	Blue Polyethylene	900	1340	-50 to 150	-46 to 66	2.98	13.67	•			•

- Prior to Intralox's development of the Series 800 SeamFree™ Open Hinge Flat Top, USDA-FSIS Meat and Poultry discontinued publishing a list of acceptable new products designed for food contact. As of the printing of this literature, third party approvals are being investigated, but are not yet sanctioned by the USDA-FSIS.

See "Friction factors" (page 31)

- b. USDA Dairy acceptance requires the use of a clean-in-place-system.
 c. Japan Ministry of Health, Labour, and Welfare.
 d. European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.
 e. Designed specifically to be detected by x-ray machines.

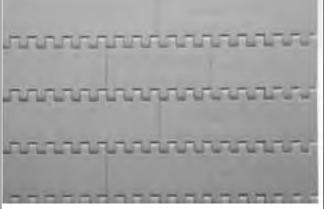


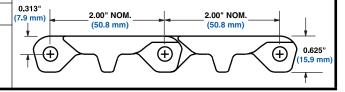
		Tough Fla
	in.	mm
Pitch	2.00	51.0
Minimum Width	2	51
Width Increments	0.66	16.8
Opening Size (approximate)	-	-
Open Area	09	%
Hinge Style	Ор	en
Drive Method	Center	-driven
Due deset	NI-4	

- Always check with Customer Service for precise belt width measurement and stock status before designing a conveyor or ordering a belt.
- Smooth, closed upper surface with fully flush edges and recessed rods.
- Designed to withstand extreme impact applications in food processing.
- Easy retrofit from Series 1800 without extensive conveyor frame changes for most meat industry applications since the A,B,C,E dimensions are within 0.25 in. (6 mm) of Series 1800.
- Cam-link designed hinges expose more hinge and rod area as belt goes around the sprocket. This exclusive Intralox feature allows unsurpassed cleaning access to this area.
- Drive Bar like Series 1600 and Series 1800, the drive bar on the underside of Series 800 Tough Flat Top channels water and debris to the outside of the belt for easier, faster clean up. The drive bar's effectiveness has been proven both in-house and in field tests.
- Fully compatible with industry-proven Series 800 Flat Top and Series 800 Open Hinge - can be spliced directly into both styles, using the same sprockets and accessories.
- Streamlined Tough flights are available. Standard height is 6 in. (152.4 mm) or they can be cut down to custom heights. A molded-in 1.3 in. (33 mm) indent from the edge is available.

- See "Belt selection process" (page 5)
- See "Standard belt materials" (page 18)
- See "Special application belt materials" (page 18)
- See "Friction factors" (page 31)







	Belt Data														
Belt Material	Standard Rod Material	BS	Belt Strength	•	ure Range nuous)	W	Belt Weight		Age 1=White, 2=	ncy Acce Blue, 3=		•	Grey	,	
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)		USDA Dairy ^a	CFA ^b	A ^c	Z ^d	Je	EU MC ^f
Hi-Impact	Acetal	500	744	0 to 120	-18 to 49	2.26	11.03	•			•	•	•		•

- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
- o. Canada Food Inspection Agency
- c. Australian Quarantine Inspection Service
- d. MAF-New Zealand Ministry of Agriculture and Forestry. MAF acceptance requires the use of a clean-in-place system.
- e. Japan Ministry of Health, Labour, and Welfare
- f. European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.



	Pe	rforated	Flat Top
	in.	mm	
Pitch	2.00	50.8	Vice and a second
Minimum Width	2	51	The state of the s
Width Increments	0.66	16.8	
Min. Opening Size (approx.)	0.29 × 0.08	7.4 × 1.9	
Max Opening Size (approx.)	0.44 × 0.08	11.1 × 1.9	
Open Area	18	%	
Hinge Style	Ор	en	
Drive Method	Center	-driven	
Product	Notes		
 Always check with Custom width measurement and structured designing a conveyor or or experience. Perforated version of Series Smooth upper surface with fur recessed rods. Flights and sideguards are an experience. 	ock status bet dering a belt. 800 Flat Top. illy flush edges vailable.	fore s and	
Additional I	nformatio	on	0.62 2.00" NOM. (50.8 mm) 2.00" NOM. (50.8 mm) (15.9
 See "Belt selection process" See "Standard belt materials See "Special application belt See "Friction factors" (page 3 	"(page 18) <i>materials"</i> (pag	ge 18)	0.313" (7.9 mm)

	Belt Data														
Belt Material	Standard Rod Material	BS Belt Strength Continuous) Belt Agency Acceptable Weight 1=White, 2=Blue, 3=Nature Agency Acceptable 1=White, 2=Blue, 3=Nature					31					rey			
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA- FSIS - Meat & Poultry	USDA Dairy ^a	CFA ^b	A ^c	J ^d	Z ^e	EU MC ^f
Polypropylene	Polypropylene	1000	1490	34 to 220	1 to 104	1.54	7.25	•	•	1			3	•	•
Polyethylene	Polyethylene	500	750	-50 to 150	-46 to 66	1.59	7.76	•	•	3			3	•	•
Acetal	Polyethylene	900	1340	-50 to 150	-46 to 66	2.28	11.15	•	•	1			3	1	•

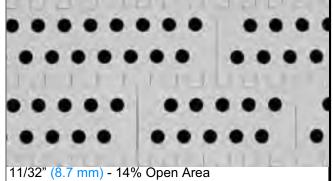
- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
 b. Canada Food Inspection Agency
 c. Australian Quarantine Inspection Service
 d. Japan Ministry of Health, Labour, and Welfare
 e. MAF-New Zealand Ministry of Agriculture and Forestry. MAF acceptance requires the use of a clean-in-place system.
 f. European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.



P	erforate	d Flat T	op Round Holes
	in.	mm	
Pitch	2.00	50.8	
Minimum Width	2	51	
Width Increments	0.66	16.8	AL O
Opening Size (approximate)	see photo	s on right	100
Open Area	see photo	s on right	100
Hinge Style	Ор	en	660
Drive Method	Center	-driven	-
Product	Notos		

- Always check with Customer Service for precise belt width measurement and stock status before designing a conveyor or ordering a belt.
- Round hole versions of Series 800 Perforated Flat Top.
- Smooth upper surface with fully flush edges and recessed rods.
- If using this belting in abrasive applications, Intralox recommends Series 800 polyurethane sprockets. Stainless steel split sprockets are not recommended for use with this belt.

5/32" (4 mm) - 20% Open Area



- See "Belt selection process" (page 5)
- See "Standard belt materials" (page 18)
- See "Special application belt materials" (page 18)
- See "Friction factors" (page 31)

↓ 「	2.00" NOM. (50.8 mm)	2.00" NOM. (50.8 mm)	0.625" (15.9 mm)
0.313" (7.9 mm)			

	Belt Data													
Belt Material	Standard Rod Material	BS	Belt Strength	•	ure Range nuous)	W	Belt Weight	1		gency Ac 2=Blue,	•	-	у	
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA- FSIS - Meat & Poultry	Dairy ^a	Jp	Z ^c	EU MC ^d	
Polypropylene	Polypropylene	1000	1490	34 to 220	1 to 104	1.54	7.52	•	•	1	3	•	•	
Polyethylene	Polyethylene	500	750	-50 to 150	-46 to 66	1.59	7.76	•	•	3	3	•	•	
Acetal	Polyethylene	900	1340	-50 to 150	-46 to 66	2.28	11.15	•	•	1	3		•	

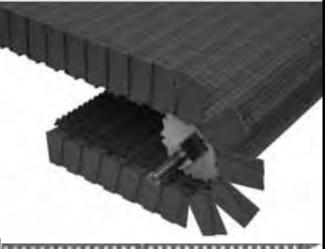
- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
- Japan Ministry of Health, Labour, and Welfare
- MAF-New Zealand Ministry of Agriculture and Forestry. MAF acceptance requires the use of a clean-in-place system.
- c. MAF-New Zealand Ministry of Agriculture and Forestry. MAF acceptance requires the use of a Geal-Interplace System.
 d. European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.



Perforated Flat To	p (Medium S	Slot / Large	e Slot)	featurin	g Mold	ed-in Sid	leguard
	in.	mm	550	200	90	00	900
Pitch	2.00	51.0	UI II				
Minimum Width	6	152	4				
Width Increments	0.66	16.8	-	4			
Large Min. Opening Size	0.16 x 0.39	4.1 x 9.9					
Large Max. Opening Size	0.12 x 0.50	3.0 x 12.7			100	10	
Medium Min. Opening Size	0.16 x 0.09	4.1 x 2.3	1	1000	- 4	A	
Medium Max. Opening Size	0.40 x 0.18	10.2 x 4.6		Million.	. 1	2.0	
Large Slot Open Area	22	2%		7	and the	46	
Medium Slot Open Area	20)%		-			
Hinge Style	Op	en			1	1	
Drive Method	Center	-driven					•
			The second second				

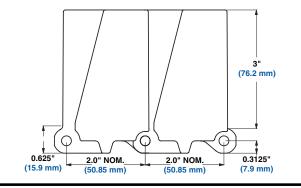
- Always check with Customer Service for precise belt width measurement and stock status before designing a conveyor or ordering a belt.
- Belt withstands temperatures from -20 °F (-29 °C) to 220 °F (104 °C).
- Extra perforations are positioned along each drive bar to increase open area and drainage.
- Compatible with a variety of Series 800 sprockets. Please contact Customer Service for sprocket recommendations.
- Molded-in Sideguard indent is 0 in. (0 mm).
- Molded-in Sideguard height is 3 in. (76 mm).
- Molded-in Sideguard minimum backbend radius is 7 in.
- Molded-in Sideguards are available in Medium slot but can accommodate both the medium and large slot Series 800 Perforated Flat Top.

- See "Belt selection process" (page 5)
- See "Standard belt materials" (page 18)
- See "Special application belt materials" (page 18)
- See "Friction factors" (page 31)





- A Large slot
- B Medium slot



	Belt Data													
Belt Material	Standard Rod Material	BS	Belt Strength	•	ure Range nuous)	W	Belt Weight	1		gency Ac 2=Blue,		-	Gre	у
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA- FSIS - Meat & Poultry	Dairy ^a	CFA ^b	A ^c	Jd	EU MC ^e
Polypropylene Composite	303-304 Stainless Steel	2000	2975	34 to 220	1 to 104	2.47	13.61	•						•

- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
- Canada Food Inspection Agency
 Australian Quarantine Inspection Service
- Japan Ministry of Health, Labour, and Welfare
- European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.



15.9 mm)

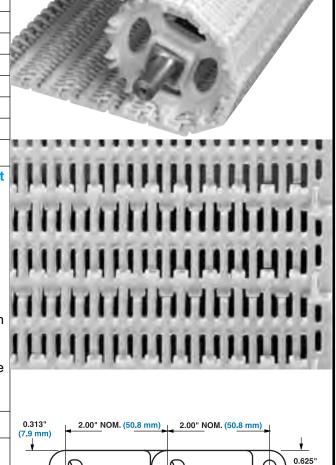
		Flush
	in.	mm
Pitch	2.00	50.8
Minimum Width	4.6	117
Width Increments	0.66	16.8
Opening Size (approximate)	0.15 × 0.90	3.8 × 22.9
Open Area	27%	6
Product Contact Area	73%	%
Hinge Style	Оре	en
Drive Method	Center-	driven
	4 8 8 4	•

Product Notes

- Always check with Customer Service for precise belt width measurement and stock status before designing a conveyor or ordering a belt.
- Smooth upper surface with fully flush edges.
- Open slots improve drainage and cleanability.
- Uses a headless rod retention system.
- Flights and sideguards available.
- Complete range of accessories available, including round-top flights and flights with drainage bases.
- Provides excellent drainage during production and clean up. Hole design eliminates water collecting on belt surface and being carried throughout processing line.
- Bi-directional belt design allows sprockets to drive or idle belt in both directions. Reduces chances of installation error.

Additional Information

- See "Belt selection process" (page 5)
- See "Standard belt materials" (page 18)
- See "Special application belt materials" (page 18)
- See "Friction factors" (page 31)



	Belt Data													
Belt Material	Standard Rod Material	BS	Belt Strength	Temperatu (contin	•	W	Belt Weight	1=	Ager White, 2=	ncy Acce Blue, 3=	•	•		еу
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA Dairy ^a	CFA ^b	A ^c	Z ^d	Je	EU MC ^f
Polypropylene	Polypropylene	800	1190	34 to 220	1 to 104	1.45	7.08	•	1				3	•
Polyethylene	Polyethylene	500	750	-50 to 150	-46 to 66	1.63	7.96	•	3				3	•
Acetal	Polyethylene	1000	1490	-50 to 150	-46 to 66	2.25	10.99	•	1				3	•
Acetal	Polypropylene	1000	1490	34 to 200	1 to 93	2.25	10.99	•	1				3	•

Grid

- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
- b. Canada Food Inspection Agency
- c. Australian Quarantine Inspection Service
- d. New Zealand Ministry of Agriculture and Forestry
- e. Japan Ministry of Health, Labour, and Welfare
- f. European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.

0.625"

(15.9 mm)



PHO PHOPPIO			SERIES 600
		Mesh '	Гор™
	in.	mm	A DEC. STORY
Pitch	2.00	50.8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Minimum Width	2	51	1000
Width Increments	0.66	16.8	
Opening Size (approximate)	0.50 × 0.04	12.7 × 1.0	
Open Area	99	%	
Hinge Style	Ор	en	
Drive Method	Center	-driven	A SECOND
Product	Notes		had been been been been been been been bee
 Smooth, closed upper surfact recessed rods. Impact resistant belt designe Flights are available. 	-	-	Top Surface
			Underside Surface
Additional I	nformati	0 IO	

Additional Information

- See "Belt selection process" (page 5)
- See "Standard belt materials" (page 18)
- See "Special application belt materials" (page 18)
- See "Friction factors" (page 31)

	Belt Data													
Belt Material	Standard Rod Material	BS	Belt Strength	•	ure Range nuous)	W	Belt Weight	1	Age =White, 2=	ncy Acce Blue, 3=				rey
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA Dairy ^a	CFA ^b	A ^c	J ^d	Z ^e	EU MC ^f
Polypropylene	Polypropylene	1000	1490	34 to 220	1 to 104	1.60	7.86	•	1			3		•

2.00" NOM.

(50.8 mm)

0.313" (7.9 mm)

2.00" NOM. 2.00" NOM. 2.00" NOM.

(50.8 mm)

- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
 b. Canada Food Inspection Agency
 c. Australian Quarantine Inspection Service
 d. Japan Ministry of Health, Labour, and Welfare
 e. New Zealand Ministry of Agriculture and Forestry
 f. European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.



		Mini	Rib
	in.	mm	
Pitch	2.00	50.8	
Minimum Width	2	51	
Width Increments	0.66	16.8	The same of the sa
Opening Size (approximate)	-	-	THE CO
Open Area	0	%	ALL MANAGEMENT
Hinge Style	Op	pen	
Drive Method	Center	r-driven	S. Carlo
Product	Notes		The superior and the superior
 Always check with Custome width measurement and stodesigning a conveyor or ore Closed surface with fully flush Impact resistant belt designed applications. 1/8 in. (3 mm) Mini Rib on sur gradual inclines and declines. Not recommended for back-u required, contact Intralox Sale 	dering a belt. dering a belt. dedges and red for tough Me face accomm	fore ecessed rods. eat Industry odates If values are	
Additional Ir	ıformati	2.00" NOM. (50 <u>.8 mm)</u> 2.00" NOM. (50 <u>.8 mm)</u>	
• See "Belt selection process" (page 5)		0.750"

	Belt Data														
Belt Material	Material		Belt Strength	Temperati (contir	W	Belt Weight		Age 1=White, 2	ency Acc Blue, 3	•	-	Gre	у		
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA-FSIS - Meat & Poultry	USDA Dairy ^a	CFA ^b	A ^c	Jd	Z ^e	EU MC ^f
Polypropylene	Polypropylene	1000	1490	34 to 220	1 to 104	1.77	8.66	•	•	1	•	•	3	•	•
Polyethylene	Polyethylene	500	750	-50 to 150	-46 to 66	1.87	9.13	•	•	3	•	•	3	•	•
Acetal	Polyethylene	900	1340	-50 to 150	-46 to 66	2.92	14.26	•	•	1	•	•	3	•	•

0.438

- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
- Canada Food Inspection Agency
- Australian Quarantine Inspection Service
- Japan Ministry of Health, Labour, and Welfare

See "Standard belt materials" (page 18)

See "Friction factors" (page 31)

See "Special application belt materials" (page 18)

- MAF-New Zealand Ministry of Agriculture and Forestry. MAF acceptance requires the use of a clean-in-place system.

 European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.



		Nub T
	in.	mm
Pitch	2.00	50.8
Minimum Width	4	102
Width Increments	0.66	16.8
Open Area	0'	%
Product Contact Area	15	5%
Hinge Style	Ор	en
Orive Method	Center	-driven
Product	Notes	
 Always check with Custom width measurement and st designing a conveyor or o Closed upper surface with fu rods. Standard Flights and Sidegu available. Nub standard indent is 1.3 ir Not recommended for back-required, contact Intralox Sa 	ock status be rdering a belt. Ily flush edges a ards (without note in a conditions. Iles Engineering	fore and recessed ubs) are f values are
Additional I	nformati	on
 See "Belt selection process" See "Standard belt materials See "Special application belt See "Friction factors" (page 3 	s" (page 18) ' <i>materials</i> " (pa	ge 18)

	Belt Data														
Belt Material	Standard Rod Material	BS	Belt Strength		ure Range nuous)	W	Belt Weight			Agency A , 2=Blue		-		еу	
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA- FSIS - Meat & Poultry	USDA Dairy ^a	CFA ^b	A ^c	Jd	Ze	EU MC ^f
Polypropylene	Polypropylene	1000	1490	34 to 220	1 to 104	1.90	9.26	•	•	1	•	•	3	•	•
Polyethylene	Polyethylene	500	750	-50 to 150	-46 to 66	2.01	9.80	•	•	3	•	•	3	•	•
Acetal	Polyethylene	900	1340	-50 to 150	-46 to 66	2.95	14.40	•	•	1	•	•	3	•	•

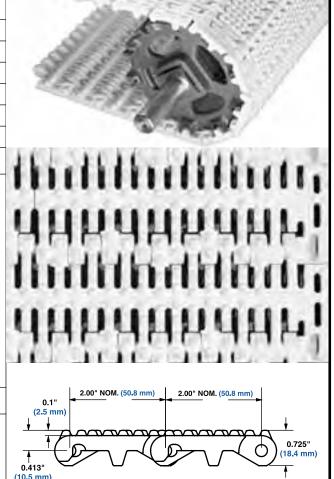
- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
 b. Canada Food Inspection Agency
 c. Australian Quarantine Inspection Service
 d. Japan Ministry of Health, Labour, and Welfare
 e. MAF-New Zealand Ministry of Agriculture and Forestry. MAF acceptance requires the use of a clean-in-place-system.
 f. European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.



	Nub Top™		
	in.	mm	75320
Pitch	2.00	50.8	
Minimum Width	4.6	117	- 1
Width Increments	0.66	16.8	- 500
Opening Size (approximate)	0.15 × 0.90	3.8 × 22.9	1
Open Area	27	%	460
Product Contact Area	15	- F	
Hinge Style	Ор	en	
Drive Method	Center		
Duaduat	Natas		1 4 7 1 7 4 7

- Always check with Customer Service for precise belt width measurement and stock status before designing a conveyor or ordering a belt.
- Standard Nub indent is 1.3 inches (33 mm).
- Headless rod retention system allows re-use of rods.
- Nub pattern reduces contact between belt surface and product.
- Can be fitted with Series 800 Flush Grid flights only.
- Manufactured in Acetal and Polypropylene.
- Recommended for products large enough to span the distance between the nubs.
- Nub pattern is continuous over the surface of the belt, even over the hinges.

- See "Belt selection process" (page 5)
- See "Standard belt materials" (page 18)
- See "Special application belt materials" (page 18)
- See "Friction factors" (page 31)



	Belt Data													
Belt Material	Standard Rod Material	BS	Belt Strength	Temperature Range (continuous) Belt Agency Acceptability: 1=White, 2=Blue, 3=Natural,							•			
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA Dairy ^a	CFA ^b	A ^c	J ^d	Z ^e	EU MC ^f
Polypropylene	Polypropylene	800	1190	34 to 220	1 to 104	1.56	7.62	•	1			3		•
Acetal	Polyethylene	1000	1490	-50 to 150	-46 to 66	2.36	11.52	•	1			3		•
Acetal	Polypropylene	1000	1490	34 to 200	1 to 93	2.36	11.52	•	1			3		•
Polyethylene	Polypropylene	500	750	-50 to 150	-46 to 66	1.85	9.03	•	3			3		•

- USDA Dairy acceptance requires the use of a clean-in-place-system.
- Canada Food Inspection Agency
- Australian Quarantine Inspection Service
- Japan Ministry of Health, Labour, and Welfare
- MAF-New Zealand Ministry of Agriculture and Forestry. MAF acceptance requires the use of a clean-in-place system.
- European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.

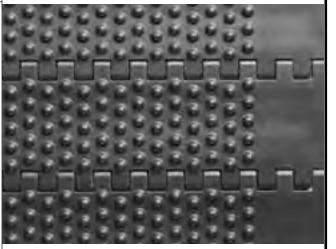


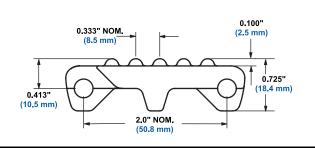
S	eamFree	™ Open				
	in.	mm				
Pitch	2.00	50.8				
Minimum Width	6	152				
Width Increments	0.66	16.8				
Opening Sizes (approx.)	-	-				
Open Area	0	%				
Hinge Style	Open					
Drive Method Center-Driven						
Dradua	4 Notos					

- Always check with Customer Service for precise belt width measurement and stock status before designing a conveyor or ordering a belt.
- Nub height is 0.100 in. (2.5 mm).
- Nub spacing is 0.333 in. (8.5 mm).
- Standard nub indent is 1.3 in. (33 mm).
- Closed upper surface with fully flush edges and recessed rods.
- Cam-link designed hinges expose more hinge and rod area as the belt goes around the sprocket. This exclusive Intralox feature allows unsurpassed cleaning access to this area.
- Fully sculpted and radiused corners no pockets or sharp corners to catch and hold debris.
- Drive Bar like Series 800 and Series 1800, the drive bar on the underside of Series 800 SeamFree Open Hinge Nub Top channels water and debris to the outside of the belt for easier, faster clean up. The drive bar's effectiveness has been proven both in-house and in field tests.
- Not recommended for back-up conditions. If values are required, contact Intralox Sales Engineering.

- See "Belt selection process" (page 5)
- See "Standard belt materials" (page 18)
- See "Special application belt materials" (page 18)
- See "Friction factors" (page 31)







Belt Data														
Belt Material	Standard Rod Material	BS	Belt Strength	3,							•			
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA Dairy ^a	CFA ^b	A ^c	J ^d	EU MC ^e	
Polypropylene	Polypropylene	900	1340	34 to 220	1 to 104	1.76	8.58	•	1			3	•	
Polyethylene	Polyethylene	500	750	-50 to 150	-46 to 66	1.84	8.97	•	3			3	•	
Acetal	Polyethylene	900	1340	-50 to 150	-46 to 66	2.72	13.26	•	1			3	•	

- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
- b. Canada Food Inspection Agency
- c. Australian Quarantine Inspection Service
- d. Japan Ministry of Health, Labour, and Welfare
- e. European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.



		Cone 7	Гор™
	in.	mm	
Pitch	2.00	50.8	
Minimum Width	4	102	
Width Increments	0.66	16.8	2 4 2
Opening Size (approximate)	-	-	
Open Area	0	%	
Hinge Style	Op	en	
Drive Method	Center	-driven	1 20 10
Product	Notes		151515151515151515151
width measurement and sto designing a conveyor or ord. Closed upper surface with fully rods. Standard Flights and Sidegua available. Cone standard indent is 1.3 in Not recommended for back-up required, contact Intralox Sale	dering a belt. If flush edges If (33 mm). If conditions. If the services is the services at the services are the services at the services are the services a	and recessed cones) are f values are g.	
Additional In	formati	on	0.57" NOM. 0.125" (14.5 mm) R 0.03" (3.2 mm) R 0.03"
 See "Belt selection process" (See "Standard belt materials" See "Special application belt n See "Friction factors" (page 3") 	(page 18) <i>naterials"</i> (pa	ge 18)	0.438" (11.1 mm) (13.1 mm) (13.1 mm) (13.1 mm)

	Belt Data														
Belt Material	Standard Rod Material	BS	Belt Strength	•	Temperature Range (continuous) Belt Agency Acceptability: 1=White, 2=Blue, 3=Natural, 4=G						Grey				
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA- FSIS - Meat & Poultry	USDA Dairy ^a	CFA ^b	Ac	Z ^d	Je	EU MC ^f
Acetal	Polyethylene	900	1340	-50 to 150	-46 to 66	2.84	13.89	•	•	1	•	•	•	3	•

- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
- Canada Food Inspection Agency
 Australian Quarantine Inspection Service

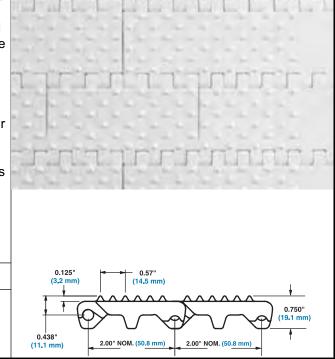
- d. New Zealand Ministry of Agriculture and Forestry
- Japan Ministry of Health, Labour, and Welfare
 European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.



	Oper	Hinge	Cone To
	in.	mm	
Pitch	2.00	50.8	9.79
Minimum Width	6	152	
Width Increments	0.66	16.8	
Opening Size (approximate)	-	-	- 4
Open Area	0	%	1400
Hinge Style	Op	en	
Drive Method	Center	-driven	
Product	Notes		
Always check with Custom width measurement and st		•	

- designing a conveyor or ordering a belt.
- Cone standard indent is 1.3" (33 mm).
- · Closed upper surface with fully flush edges and recessed rods.
- Cam-link designed hinges expose more hinge and rod area as the belt goes around the sprocket. This exclusive Intralox feature allows unsurpassed cleaning access to this area.
- Fully sculpted and radiused corners no pockets or sharp corners to catch and hold debris.
- Drive Bar like Series 800 and Series 1800, the drive bar on the underside of Series 800 Open Hinge Cone Top channels water and debris to the outside of the belt for easier, faster clean up. The drive bar's effectiveness has been proven both in-house and in field tests.
- Standard flights and sideguards (without cones) are available.
- Not recommended for back-up conditions. If values are required, contact Intralox Sales Engineering.

- See "Belt selection process" (page 5)
- See "Standard belt materials" (page 18)
- See "Special application belt materials" (page 18)
- See "Friction factors" (page 31)



	Belt Data													
Belt Material	Standard Rod Material	BS	Belt Strength	•	Temperature Range (continuous) Belt Agency Acceptability 1=White, 2=Blue, 3=Natural						,			
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA Dairy ^a	CFA ^b	A ^c	J ^d	Z ^e	EU MC ^f
Polypropylene	Polypropylene	900	1340	34 to 220	1 to 104	1.63	7.96	•				3		•
Polyethylene	Polyethylene	500	740	-50 to 150	-46 to 66	1.70	8.30	•				3		•
Acetal	Polyethylene	900	1340	-50 to 150	-46 to 66	2.52	12.3	•				3		•

- USDA Dairy acceptance requires the use of a clean-in-place-system.
- b. Canada Food Inspection Agency
- Australian Quarantine Inspection Service
- Japan Ministry of Health, Labour, and Welfare
- MAF-New Zealand Ministry of Agriculture and Forestry. MAF acceptance requires the use of a clean-in-place system.
- European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.

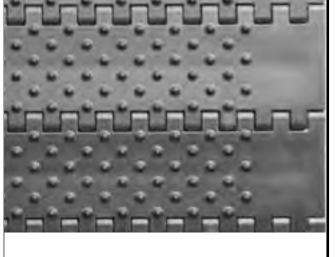


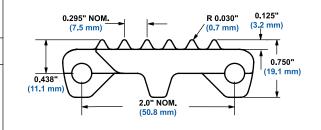
Se	eamFree™	[™] Open	Hinge	Cone	Тор™
	in.	mm		Miller	1111
Pitch	2.00	50.8			
Minimum Width	6	152	20		
Width Increments	0.66	16.8			
Opening Sizes (approx.)	-	-			
Open Area	09	%	4	1	
Hinge Style	Ор	en	-4	20	
Drive Method	Center-	-Driven		-	The same
Duadua	4 No4oo				468

- Always check with Customer Service for precise belt width measurement and stock status before designing a conveyor or ordering a belt.
- Cone height is 0.125 in. (3.2 mm).
- Cone spacing is 0.295 in. (7.5 mm).
- Standard cone indent is 1.3 in. (33 mm).
- Closed upper surface with fully flush edges and recessed rods.
- Cam-link designed hinges expose more hinge and rod area as the belt goes around the sprocket. This exclusive Intralox feature allows unsurpassed cleaning access to this area.
- Fully sculpted and radiused corners no pockets or sharp corners to catch and hold debris.
- Drive Bar like Series 800 and Series 1800, the drive bar on the underside of Series 800 SeamFree Open Hinge Cone Top channels water and debris to the outside of the belt for easier, faster clean up. The drive bar's effectiveness has been proven both in-house and in field tests.
- Not recommended for back-up conditions. If values are required, contact Intralox Sales Engineering.

- See "Belt selection process" (page 5)
- See "Standard belt materials" (page 18)
- See "Special application belt materials" (page 18)
- See "Friction factors" (page 31)







	Belt Data												
Belt Material	Standard Rod Material	BS	Belt Strength				Belt Weight	1=Wł	Agency nite, 2=Blu	Accepta ue, 3=Na	•		Grey
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA Dairy ^a	CFA ^b	A ^c	J ^d	EU MC ^e
Polypropylene	Polypropylene	900	1340	34 to 220	1 to 104	1.70	8.29	•	1			3	•
Polyethylene	Polyethylene	500	750	-50 to 150	-46 to 66	1.76	8.58	•	3			3	•
Acetal	Polyethylene	900	1340	-50 to 150	-46 to 66	2.61	12.72	•	1			3	•

- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
- b. Canada Food Inspection Agency
- c. Australian Quarantine Inspection Service
- d. Japan Ministry of Health, Labour, and Welfare
- e. European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.

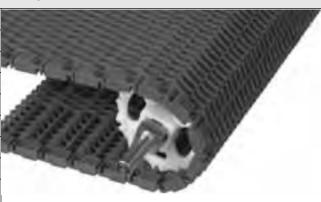


		Raised			
	in.	mm			
Pitch	2.00	50.8			
Minimum Width	18	457			
Width Increments	2.00	50.8			
Opening Sizes (approx.)	0.51 x 0.49	12.9 x 12.4			
Open Area	40	%			
Hinge Style	Op	en			
Drive Method	Center-Driven				
Droduc	4 Notes				

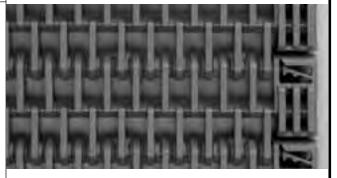
- Always check with Customer Service for precise belt width measurement and stock status before designing a conveyor or ordering a belt.
- Raised Ribs extend 0.275 in. (7.0 mm) above basic module with fully flush edges.
- Open slots improve drainage and cleanability.
- Finger transfer plates are available.
- Fully compatible with Series 800 EZ Clean Angled Sprockets.
- Cam-link design hinges provide easy cleaning with greater hinge and rod exposure as the belt moves around the sprockets.
- Uses a patented edge headless rod retention system.

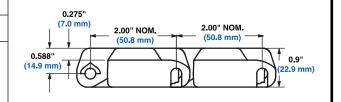
Additional Information

- See "Belt selection process" (page 5)
- See "Standard belt materials" (page 18)
- See "Special application belt materials" (page 18)
- See "Friction factors" (page 31)



Rib





	Belt Data													
Belt Material	Standard Rod Material	BS	Belt Strength	Temperature Range (continuous) Belt Agency Acceptable 1-White, 2-Blue, 3-Nature						•				
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA Dairy ^a	CFA ^b	A ^c	J ^d	Z ^e	EU MC ^f
Polypropylene	Polypropylene	1000	1490	34 to 220	1 to 104	1.48	7.23	•				3		
Enduralox PP	Polypropylene	1000	1490	34 to 220	1 to 104	1.48	7.23	•						

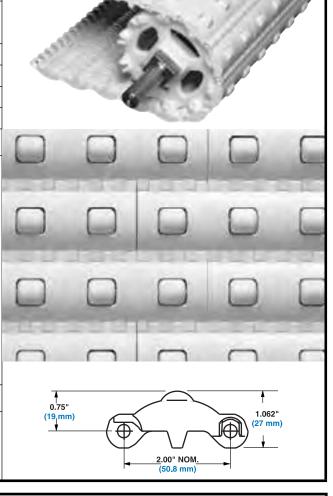
- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
- b. Canada Food Inspection Agency
- c. Australian Quarantine Inspection Service
- d. Japan Ministry of Health, Labour, and Welfare
- e. MAF-New Zealand Ministry of Agriculture and Forestry. MAF acceptance requires the use of a clean-in-place system.
- f. European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.



		Roller	Top™				
	in.	mm	100				
Pitch	2.00	50.8					
Minimum Width	Soo Brod	uet Netes					
Width Increments	See Flou	See Product Notes					
Opening Size (approximate)	-	-	.55				
Open Area	39	%	- 40				
Hinge Style	Ор	en					
Drive Method	Center	-driven					
Draduct	Natas						

- Always check with Customer Service for precise belt width measurement and stock status before designing a conveyor or ordering a belt.
- Fully flush edges and recessed rods.
- Impact resistant belt designed for tough box and package, low back pressure applications.
- Back-up load is 5-10% of product weight.
- Roller diameter 0.70 in. (17.8 mm). Roller length 0.825 in. (20.9 mm).
- Roller spacing 2.0 in. (50.8 mm).
- Standard roller indent is 0.60 in. (15 mm)
- Custom-built in widths of 4 in. (102 mm) and 6 in. (152 mm) and from 10 in. (254 mm) and up in 2.00 in. (50.8 mm) increments.

- See "Belt selection process" (page 5)
- See "Standard belt materials" (page 18)
- See "Special application belt materials" (page 18)
- See "Friction factors" (page 31)



	Belt Data													
Belt Material	Standard Rod Material	BS	Belt Strength Continuous V		Belt Weight	1=	_	ency Ac =Blue,	•		ability: tural, 4=Grey			
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA Dairy ^a	CFA ^b	A ^c	J ^d	Z ^e	EU MC ^f
Polypropylene	Polypropylene	1000	1490	34 to 200	1 to 93	2.93	14.34	•				3		•
Polyethylene	Polyethylene	500	750	-50 to 150	-46 to 66	2.99	14.62	•				3		•
Acetal	Polyethylene	900	1340	-50 to 150	-46 to 66	4.11	20.10	•				3		•

- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
- b. Canada Food Inspection Agency
- c. Australian Quarantine Inspection Service
- d. Japan Ministry of Health, Labour, and Welfare
- e. MAF-New Zealand Ministry of Agriculture and Forestry. MAF acceptance requires the use of a clean-in-place system.
- f. European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.

0.625"

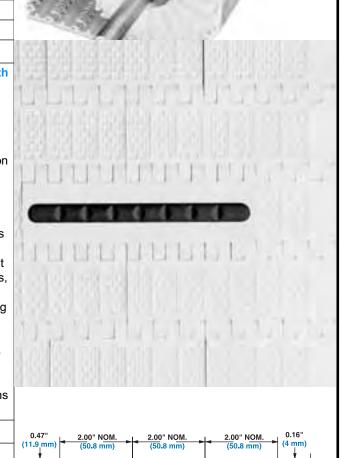


	R	ounded Fi	riction Top		
	in.	mm			
Pitch	2.00	50.8	100		
Minimum Width	8	203	2		
Width Increments	0.66	16.8	do		
Opening Size (approximate)	-	-	All Control		
Open Area	0	0%			
Hinge Style	Op	2 3			
Drive Method	Cente	0.00			
	4 81 4		Company of the last of the		

Product Notes

- Always check with Customer Service for precise belt width measurement and stock status before designing a conveyor or ordering a belt.
- No mistracking or "stick-slip" effect, even on long runs: The Intralox belt is positively tracked by Intralox's sprocket drive system instead of unreliable friction rollers.
- Thermally bonded rubber won't peel off: Only Intralox's Friction
 Top surface is co-molded (thermally bonded) with the plastic
 base instead of glued on or mechanically fastened. The
 Rounded Friction Top module is black rubber on a white PP
 composite base module.
- No ice clogging: ice simply pops out of the Intralox belt hinges as the belt travels around the drive sprockets.
- Easy to maintain and repair: Intralox's re-usable headless belt rods are quickly removed and installed with only minimal tools, so one can replace individual modules in minutes.
- No tensioning required, which eliminates expensive tensioning systems.
- Lower construction cost: Intralox's sprocket drive requires far less space than a friction roller system, allowing shallow, less expensive trench construction.
- Lower wearstrip replacement cost: Flat Top edge modules prevent premature wearstrip erosion-the smooth surface spans 38.1 mm (1.5") from the outer edge.

- See "Belt selection process" (page 5)
- See "Standard belt materials" (page 18)
- See "Special application belt materials" (page 18)
- · See "Friction factors" (page 31)



	Belt Data													
Belt Material	Standard Rod Material	Material Strength (continuous) Weight 1=White, 2=I					cy Acceptability: Blue, 3=Natural, 4=Grey			rey				
	Ø 0.24 in. (6.1 mm)	lb/ft	kg/m	°F	°C	lb/ft²	kg/m²	FDA (USA)	USDA Dairy ^a	CFA ^b	A ^c	J ^d	Z ^e	EU MC ^f
UV Resistant Acetal	Acetal	2500	3713	-50 to 150	-46 to 66	2.78	13.59							

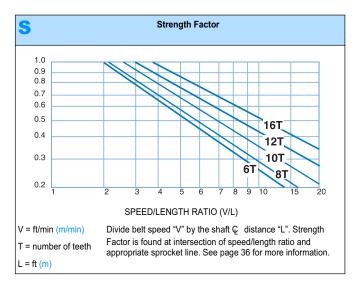
- a. USDA Dairy acceptance requires the use of a clean-in-place-system.
- b. Canada Food Inspection Agency
- c. Australian Quarantine Inspection Service
- d. Japan Ministry of Health, Labour, and Welfare
- e. MAF-New Zealand Ministry of Agriculture and Forestry. MAF acceptance requires the use of a clean-in-place system.
- f. European Migration Certificate providing approval for food contact according to EU Directive 2002/72/EC and all its amendments to date.

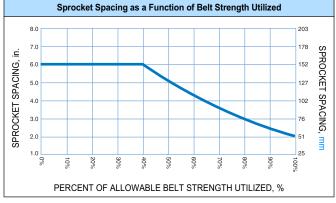


	Sprocket and Support Quantity Reference								
Belt Wid	dth Range ^a	Minimum Number of	W	/earstrips					
in.	mm	Sprockets Per Shaft ^b	Carryway	Returnway					
2	51	1	2	2					
4	102	1	2	2					
6	152	2	2	2					
8	203	2	2	2					
10	254	2	3	2					
12	305	3	3	2					
14	356	3	3	3					
16	406	3	3	3					
18	457	3	3	3					
20	508	5	4	3					
24	610	5	4	3					
30	762	5	5	4					
32	813	7	5	4					
36	914	7	5	4					
42	1067	7	6	5					
48	1219	9	7	5					
54	1372	9	7	6					
60	1524	11	8	6					
72	1829	13	9	7					
84	2134	15	11	8					
96	2438	17	12	9					
120	3048	21	15	11					
144	3658	25	17	13					
		dd Number of Sprockets ^c at 152 mm) Ç Spacing	Maximum 9 in. (229 mm) ♀ Spacing	Maximum 12 in. (305 mm) € Spacing					

- If your belt width exceeds a number listed in the table, please refer to the sprocket and support material minimums for the next larger width range listed. Belts are available in 0.66 in. (16.8 mm) increments beginning with minimum width of 2 in. (51 mm). If the actual width is critical, consult Customer Service. These are the minimum number of sprockets. Additional sprockets may be required for heavily loaded applications. Polyurethane sprockets require a maximum
- 4 in. (102 mm) centerline spacing.

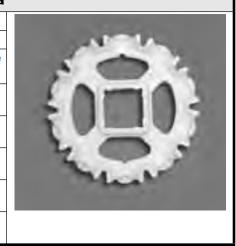
 The center sprocket should be locked down. With only two sprockets, fix the sprocket on the drive journal side only. See Retainer Rings/Center Sprocket Offset
- chart on page 304 for lock down location.







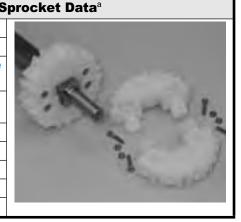
					E	Z Clea	an Mol	ded Sp	rocke	t Data
No. of	Nom.	Nom.	Nom.	Nom.	Nom.	Nom.	P	Available E	Bore Size	s
Teeth (Chordal	Pitch Dia. in.	Pitch Dia.	Outer Dia.	Outer Dia.	Hub Width	Hub Width	U.S.	Sizes	Metric	Sizes
Action)	Dia. III.	mm	in.	mm	in.	mm	Round in.b	Square in.	Round mm ^b	Square mm
6 (13.40%)	4.0	102	3.8	97	1.5	38	1.0	1.5	30	40
8 (7.61%)	5.2	132	5.0	127	1.5	38	1.0	1.5	30	40
10 (4.89%)	6.5	165	6.2	157	1.5	38		1.5		40
12 (3.41%)	7.7	196	7.5	191	1.5	38		1.5		40
16 (1.92%)	10.3	262	10.1	257	1.5	38		1.5		40



- Contact Customer Service for lead times. When using Polyurethane sprockets, the Belt Strength for belts rated over 750 lb/ft (1120 kg/m) will be de-rated to 750 lb/ft (1120 kg/m) and all other belts will maintain their published rating. The temperature range for Polyurethane sprockets is 0° F (-18 °C) to 120 °F (49 °C). Contact Customer Service for availability of Polyurethane sprockets.

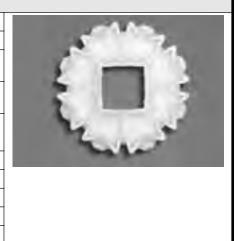
 b. Imperial key sizes on round bore sprockets conform to ANSI standard B17.1-1967 (R1989) and metric key sizes conform to DIN standard 6885

			Ultra	a Abr	asion	Resis	tant S _l	plit Po	lyuretl	hane S
No. of	Nom.	Nom.	Nom.	Nom.	Nom.	Nom.	P	Available E	Bore Size	s
Teeth (Chordal	Pitch Dia. in.	Pitch Dia.	Outer Dia.	Outer Dia.	Hub Width	Hub Width	U.S.	Sizes	Metric	Sizes
Action)	Dia. III.	mm	in.	mm	in.	mm	Round in.b	Square in.	Round mm ^b	Square mm
10 (4.89%)	6.5	165	6.2	157	1.5	38		1.5		40
12	7.7	196	7.5	191	1.5	38		1.5		40
(3.41%)								2.5		60
16	10.3	262	10.1	257	1.5	38		1.5		40
(1.92%)								2.5		60



- Contact Customer Service for lead times. When using Polyurethane sprockets, the Belt Strength for belts rated over 750 lb/ft (1120 kg/m) will be de-rated to 750 lb/ft (1120 kg/m) and all other belts will maintain their published rating. The temperature range for Polyurethane sprockets is 0° F (-18 °C) to 120 °F (49 °C). Contact Customer Service for availability of Polyurethane sprockets. These sprockets are FDA approved.
- b. Imperial key sizes on round bore sprockets conform to ANSI standard B17.1-1967 (R1989) and metric key sizes conform to DIN standard 6885

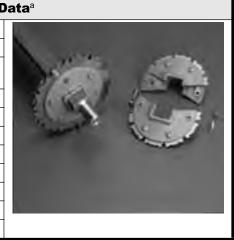
						M	olded S	Sprock	et Dat	ta ^a
No. of	Nom.	Nom.	Nom.	Nom.	Nom.	Nom.	P	Available E	Bore Size	S
Teeth (Chordal	Pitch Dia. in.	Pitch Dia.	Outer Dia.	Outer Dia.	Hub Width	Hub Width	U.S.	Sizes	Metric	Sizes
Action)	Dia. iii.	mm	in.	mm	in.	mm	Round in.	Square in.	Round mm	Square mm
8 (7.61%)	5.2	132	5.0	127	1.5	38		1.5		40
10	6.5	165	6.2	157	1.5	38		1.5		40
(4.89%)								2.0		
								2.5		60
12	7.7	196	7.5	191	1.5	38		1.5		40
(3.41%)								2.5		60
16	10.3	262	10.1	257	1.5	38		1.5		40
(1.92%)								2.5		60



a. Contact Customer Service for lead times. When using Polyurethane sprockets, the Belt Strength for belts rated over 750 lb/ft (1120 kg/m) will be de-rated to 750 lb/ft (1120 kg/m) and all other belts will maintain their published rating. The temperature range for Polyurethane sprockets is 0° F (-18 °C) to 120 °F (49 °C). Contact Customer Service for availability of Polyurethane sprockets.

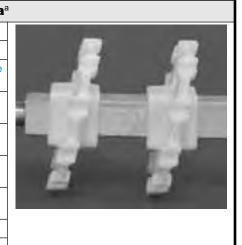


					Abra	sion R	esista	nt Spli	it Spro	cket [
No. of	Nom.	Nom.	Nom.	Nom.	Nom.	Nom.	P	Available E	Bore Size	S
Teeth	Pitch	Pitch	Outer	Outer	Hub	Hub	U.S.	Sizes	Metric	Sizes
(Chordal Action)	Dia. in.	Dia. mm	Dia. in.	Dia. mm	Width in. ^b	Width mm ^b	Round in.	Square in.	Round mm	Square mm
8	5.2	132	5.0	127	1.7	43		1.5		40
(7.61%)								2.5		60
10	6.5	165	6.2	157	1.7	43		1.5		40
(4.89%)								2.5		60
12	7.7	196	7.5	191	1.7	43		1.5		40
(3.41%)								2.5		60
16	10.3	262	10.1	257	1.7	43		1.5		40
(1.92%)								2.5		60



- Contact Customer Service for lead times.
- Single Plate split sprockets are available with a 1.5in. (38m) hub width. These sprockets are NOT recommended in abrasive applications

					A	ngled	EZ CI	ean Sp	rocke	t Data
No. of	Nom.	Nom.	Nom.	Nom.	Nom.	Nom.	P	vailable E	Bore Size	s
Teeth (Chordal	Pitch Dia. in.	Pitch Dia.	Outer Dia.	Outer Dia.	Hub Width	Hub Width	U.S.	Sizes	Metric	Sizes
Action)	Dia. iii.	mm	in.	mm	in.	mm	Round in.	Square in.	Round mm	Square mm
6 (13.40%)	4.0	102	3.8	97	2.0	50.8		1.5		40
8 (7.61%)	5.2	132	5.0	127	2.0	50.8		1.5		40
10 (4.89%)	6.5	165	6.2	157	2.0	50.8		1.5		40
12 (3.41%)	7.7	196	7.5	191	2.0	50.8		1.5		40
16	10.3	262	10.1	257	2.0	50.8		1.5		40
(1.92%)								2.5		60



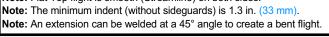
a. Contact Customer Service for lead times. Angled EZ Clean Sprockets can not be used with Series 800 Mesh Top

		Streamline F
Available F	light Height	Available Materials
in.	mm	Available iviaterials
1	25	
2	51	Dalumanudana Dalumthudana Asatal Nulan
3	76	Polypropylene, Polyethylene, Acetal, Nylon, Detectable Polypropylene ^b
4	102	Belodable i diypropylene
6	152	
Nata Cliabta as	n ha aut daum te	any haight required for a particular

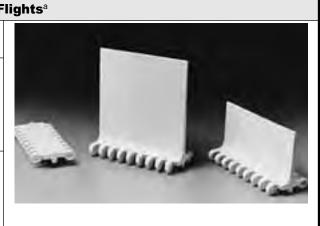
Note: Flights can be cut down to any height required for a particular

Note: Each flight rises out of the center of its supporting module, molded as an integral part. No fasteners are required.

Note: Flat Top flight is smooth (Streamline) on both sides.



- a. Contact Customer Service for availability.b. Detectable Polypropylene can be sensed with metal detection equipment. Testing the material on a metal detector in a production environment is the best method for determining detection sensitivity.



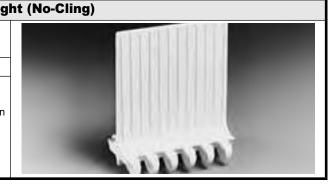


		Flat Top Base Flig
Available F	light Height	Available Materials
in.	mm	Available Materials
4	102	Polypropylene, Polyethylene, Acetal

Note: Flights can be cut down to any height required for a particular application.

Note: Each flight rises out of the center of its supporting module, molded as an integral part. No fasteners are required.

Note: The minimum indent (without sideguards) is 1.3 in. (33 mm).



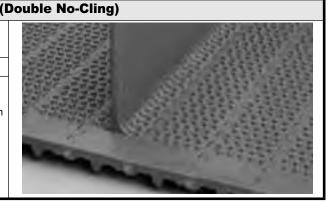
		Nub Top Base Flight (
Available F	light Height	Available Materials
in.	mm	Available Materials
4	102	Polypropylene, Polyethylene, Acetal

Note: Flights can be cut down to any height required for a particular

Note: Each flight rises out of the center of its supporting module, molded as an integral part. No fasteners are required.

Note: No-Cling vertical ribs are on both sides of the flight.

Note: The minimum indent (without sideguards) is 1.3 in. (33 mm).



		Flush Grid Base Flig	ght (No-Cling)
Available F	light Height	Available Materials	11.7 10 00
in.	mm	Available Materials	
2	51	Delypropylone Delyethylone Acetal	
4	102	Polypropylene, Polyethylene, Acetal	100

Note: Flights can be cut down to any height required for a particular

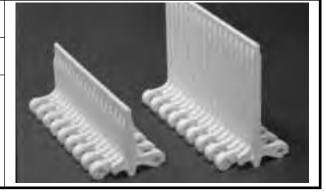
Note: The No-Cling vertical ribs are on both sides of the flight.

Note: Each flight rises out of the center of its supporting module, molded as an integral part. No fasteners are required.

Note: The minimum indent (without sideguards) is 1.3 in. (33 mm).

Note: These flights cannot be used with the S800 Perforated Flat Top (Slotted

version with $18\overline{\%}$ open area).



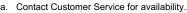
		Scoop Flig				
Available F	light Height	Available Materials				
in.	mm	Available Waterials				
3	76	Delumranidana Deluathudana Asatal Nidan				
4	102	Polypropylene, Polyethylene, Acetal, Nylon, Detectable Polypropylene ^b				
6	152	- Detectable Folypropylene				

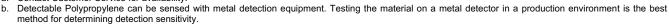
Note: Each flight rises out of its supporting module, molded as an integral part. No fasteners are required.

Note: The minimum indent (without sideguards) is 1.3 in. (33 mm).

Note: Bucket flights and Scoop flights can be cut and combined for custom built

belts. Contact Customer Service for details.









		Bucket Fl				
Available F	light Height	Available Materials				
in.	mm	Available Materials				
2.25 ^b	57 ^b					
3	76	Polypropylene, Polyethylene, Acetal,				
4	102	Detectable Polypropylene ^c				
6	152					

Note: Each flight rises out of its supporting module, molded as an integral part. No fasteners are required.

Note: The minimum indent (without sideguards) is 1.3 in. (33 mm).

Note: Bucket flights and Scoop flights can be cut and combined for custom built

belts. Contact Customer Service for details.



- Contact Customer Service for availability.
- 2.25in. (57m) Bucket Flight only available in Polypropylene.
- Detectable Polypropylene can be sensed with metal detection equipment. Testing the material on a metal detector in a production environment is the best method for determining detection sensitivity.

		3-Piece Perforated Bucket
Available F	light Height	Available Materials
in.	mm	Available Waterials
4	102	Polypropylene, Polyethylene ^a , Acetal ^a
N. t Elistata		Unit has a second that the authority and the

Note: Flights consist of 3 pieces: the base module, the attachment, and the

Note: Flight surface has 30% open area. Opening size (approximate) is 0.130 in. (3.3 mm) × 2.40 in. (70.0 mm).

Note: Belt surface has 0% open area. Base Module is \$800 Flat Top Open

Hinge design.

Note: Open slots improve drainage for inclines.

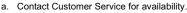
Note: The minimum indent (without Sideguards) is 2.00 in. (50.8 mm).

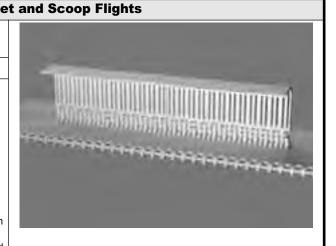
Note: Flights can be cut and combined for custom built belts. Contact

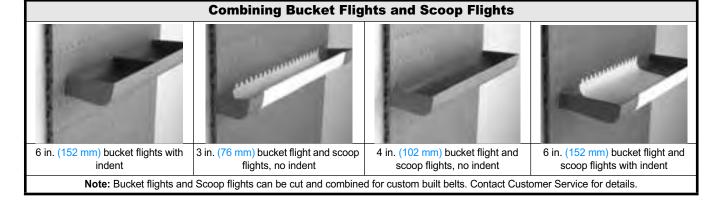
Customer Service for details.

Note: Not for use with S800 Perforated Flat Top (slotted version with 18% open area) and S800 Flush Grid Nub Top.

Note: Bucket profile has a 0.27 in. (6.9 mm) gap between belt's top surface and bottom surface of bucket side panel.









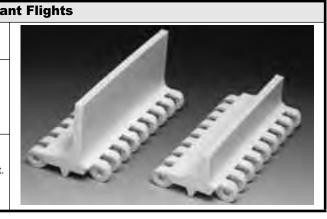
Impact Resist		
Available Materials	light Height	Available F
Available Waterlais	mm	in.
	25	1
Acetal	51	2
Acetai	76	3
	102	4

Note: Flights can be cut down to any height required for a particular application.

Note: Each flight rises out of its supporting module, molded as an integral part.

No fasteners are required.

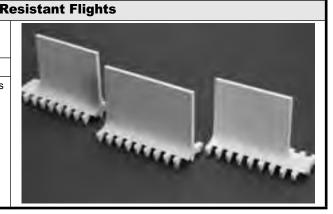
Note: The minimum indent (without sideguards) is 1.3 in. (33 mm).



Open Hinge impa		
Available Materials	light Height	Available F
Available ividiterials	mm	in.
Polypropylene, Polyethylene, Acet	102	4

Note: Each flight rises out of the center of its supporting module. No fasteners are required

Note: The minimum indent (without sideguards) is 1.3 in. (33 mm) **Note:** Standard 4 in. (102 mm) height can be cut to suit application.

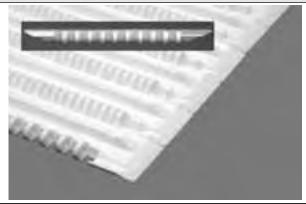


Available Materials

Polypropylene, Acetal

Note: Compatible with Series 800 Flat Top and Series 800 Mesh Top

Note: Designed to accept headed plastic rods **Note:** Steel rods will be retained with plastic rodlets





		Sidegua			
Availab	le Sizes	Available Materials			
in.	mm	Available ivialerials			
2	51	Deliverendene Delivithidese Acetal			
3	76	Polypropylene, Polyethylene, Acetal, Detectable Polypropylene ^a			
4	102	- Detectable i dispropylene			

Note: Standard overlapping design and are an integral part of the belt, with no fasteners required.

Note: Fastened by the hinge rods.

Note: The normal gap between the sideguards and the edge of a flight is 0.3 in. (8 mm).

Note: When going around the 6 and 8 tooth sprocket, the sideguards will fan out, opening a gap at the top of the sideguard which may allow small products to fall out. The sideguards stay completely closed when going around the 10, 12 and 16 tooth sprockets.

Note: The minimum indent is 0.7 in. (18 mm) except for Flush Grid which is 1.3 in. (33 mm).

Note: Detectable Polypropylene is only available in 2 in. (51 mm) and 4 in. (102 mm).



a. Detectable Polypropylene can be sensed with metal detection equipment. Testing the material on a metal detector in a production environment is the best method for determining detection sensitivity.

		Molded-in Si
Availab	e Sizes	Available Materials
in.	mm	Available ivialerials
4	102	Polypropylene, Polyethylene, Acetal,
		Detectable Polypropylene ^a

Note: Molded as an integral part of the belt, with no fasteners required.

Note: Part of Intralox's EZ Clean product line.

Note: Standard 4 in. (102 mm) height can be cut to suit application.

Note: Overlapping sideguards open fully when wrapping around sprocket, allowing greater access during cleaning. Sideguards will open partially on forward bends of elevating conveyors.

Note: The indent is 1.3 in (33 mm).

Note: The minimum backbend radius is 10 in. (254 mm).

Note: Sideguards can be spliced into all Series 800 Belt Styles, except Series 800 Perforated Flat Top (18% open Area) and Series 800 Flush Grid Nub Top.



a. Detectable Polypropylene can be sensed with metal detection equipment. Testing the material on a metal detector in a production environment is the best method for determining detection sensitivity.

Nub Top Molde				
Availab	le Sizes	Available Materials		
in.	mm	Available ivialerials		
4	102	Acetal, Polypropylene		

Note: Molded as an integral part of the belt, with no fasteners required.

Note: Part of Intralox's EZ Clean product line.

Note: Standard 4 in. (102 mm) height can be cut to suit application.

Note: Nub Top™ design and No Cling rib feature provide a non-stick conveying surface that delivers superior product release and cleanability.

Note: Overlapping sideguards open fully when wrapping around sprocket, allowing greater access during cleaning. Sideguards will open partially on forward bends of elevating conveyors.

Note: The indent is 1.3 in (33 mm).

Note: The minimum backbend radius is 10 in. (254 mm).

Note: Sideguards can be spliced into all Series 800 Belt Styles, except Series 800 Perforated Flat Top (18% open Area) and Series 800 Flush Grid Nub Top.



SERIES 800



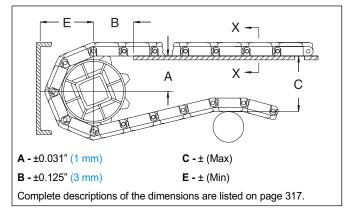
	Scoop/Bucket Flight Cross Sectional Area for Vertical Incline									
in.	mm	sq. in.	sq. mm	Note: Minimum row spacing is 6 in. (152 mm) for 6 in. (152 mm) Scoop/						
Scoo	p Height	A	rea	Buckets and 4 in. (102 mm) for all other sizes.						
3	76	4.3	2774	1						
4	102	6.0	3871	R 0.1" (2.5 mm)						
6	152	9.5	6129							
Buck	et Height	Height A		0.5"						
2.25	57	2.3	1484	(12.7 mm) (7.6 mm) (50.8 mm)						
3.00	76	3.31	2135	(25.4 mm)						
4.00	102	4.68	3019							
6.00	152	7.45	4806							
				1 - Height 2 - Area						



Conveyor Frame Dimensions

Regardless of type or configuration, all conveyors using Intralox belts have some basic dimensional requirements. Specifically, dimensions "A", "B", "C" and "E" listed below should be implemented in any design.

For general applications and applications where end transfer of tip-sensitive product is not critical, use the "A" dimension at the bottom of the range.



Spr	ocket De	scription	Α		E	3	C E		E	
Pitch D	Diameter	No. Teeth	Range (Bottom to Top)		mm	in	mm	in	mm	
in.	mm	ivo. reem	in.	mm	in.	mm	in.	mm	in.	mm
SERIE			N HINGE FLAT TO						TOUGH	FLAT
TOP, PERFORATED FLAT TOP (ALL STYLES), FLUSH GRID,					-					
4.0	102	6	1.42-1.69	36-43	1.73	44	4.00	102	2.38	60
5.2	132	8	2.09-2.29	53-58	2.00	51	5.20	132	2.98	76
6.5	165	10	2.78-2.94	71-75	2.16	55	6.50	165	3.63	92
7.7	196	12	3.41-3.54	87-90	2.45	62	7.70	196	4.23	107
10.3	262	16	4.74-4.84	120-123	2.84	72	10.30	262	5.53	140
			SERI	ES 800 MINI	RIB					
4.0	102	6	1.42-1.69	36-43	1.73	44	4.13	105	2.50	64
5.2	132	8	2.09-2.29	53-58	2.00	51	5.33	135	3.10	79
6.5	165	10	2.78-2.94	71-75	2.16	55	6.63	168	3.75	95
7.7	196	12	3.41-3.54	87-90	2.45	62	7.83	199	4.35	110
10.3	262	16	4.74-4.84	120-123	2.84	72	10.43	265	5.65	144
	SERIE	S 800 NUB TO	P, FLUSH GRID	NUB TOP, SI	EAMFRE	Е™ ОР	EN HING	E NUB	TOP	
4.0	102	6	1.42-1.69	36-43	1.73	44	4.10	104	2.48	63
5.2	132	8	2.10-2.30	53-58	1.98	50	5.33	135	3.09	78
6.5	165	10	2.77-2.92	70-74	2.18	55	6.57	167	3.71	94
7.7	196	12	3.42-3.55	87-90	2.43	62	7.83	199	4.34	110
10.3	262	16	4.72-4.81	120-122	2.88	73	10.35	263	5.60	142
	SERIES 8	300 CONE TO	P, OPEN HINGE (ONE TOP, S	EAMFR	EE™ OF	PEN HIN	GE CON	IE TOP	
4.0	102	6	1.42-1.69	36-43	1.73	44	4.13	105	2.50	64
5.2	132	8	2.10-2.30	53-58	1.98	50	5.35	136	3.11	79
6.5	165	10	2.77-2.92	70-74	2.18	55	6.60	168	3.74	95
7.7	196	12	3.42-3.55	87-90	2.43	62	7.85	199	4.36	111
10.3	262	16	4.72-4.81	120-122	2.88	73	10.38	264	5.63	143
			SERIES	800 ROLLE	R TOP					
4.0	102	6	1.42-1.69	36-43	1.73	44	4.44	113	2.81	71
5.2	132	8	2.10-2.30	53-58	1.98	50	5.66	144	3.43	87
6.5	165	10	2.77-2.92	70-74	2.18	55	6.91	176	4.05	103
							L			

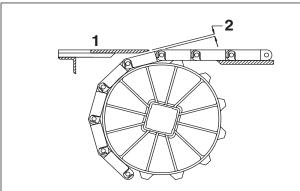


Sprocket Description		A		В		С		E		
Pitch D	Diameter	No. Teeth	Range (Botto	m to Top)	in.	mm	in.	mama	in.	ma ma
in.	mm	No. reem	in.	mm	"".	mm		mm	111.	mm
7.7	196	12	3.42-3.55	87-90	2.43	62	8.17	207	4.68	119
10.3	262	16	4.72-4.81	120-122	2.88	73	10.69	272	5.94	151
			SERIE	S 800 RAISE	D RIB					
4.0	102	6	1.42-1.69	36-43	1.73	44	4.28	109	2.65	67
5.2	132	8	2.09-2.29	53-58	2.00	51	5.48	139	3.25	83
6.5	165	10	2.78-2.94	71-75	2.16	55	6.78	172	3.90	99
7.7	196	12	3.41-3.54	87-90	2.45	62	7.98	203	4.50	114
10.3	262	16	4.74-4.84	120-123	2.84	72	10.58	269	5.80	147
			SERIES 800	ROUND FRI	CTION T	OP			•	
4.0	102	6	1.42-1.69	36-43	1.74	44	4.16	106	2.53	64
5.2	132	8	2.09-2.29	53-58	2.00	51	5.36	136	3.13	80
6.5	165	10	2.78-2.94	71-75	2.17	55	6.66	169	3.78	96
7.7	196	12	3.40-3.54	86-90	2.45	62	7.86	200	4.38	111
10.3	262	16	4.74-4.84	120-123	2.84	72	10.46	266	5.68	144

Dead Plate Gap

Where there is a transfer point from a belt without finger transfer plates to a dead plate, there should be a gap between the surfaces to allow for the chordal action of the belt. As the belt engages its sprockets, chordal action causes the modules to move past a *fixed* point (the tip of the dead plate) with *varying* clearances. The table below shows the minimum amount of gap which occurs at the "low point" of the modules if the tip of the dead plate just comes in contact with the "high point" as the modules pass.

In some installations it may be desirable to keep the tip of the dead plate in contact with the belt, rather than allow a gap to occur. This can be done by hinging the mounting bracket for the dead plate. This allows the dead plate to move as the modules pass, but results in a small oscillating motion which may present tippage problems for sensitive containers or products.



1 - Top surface of dead plate

2 - Dead plate gap

Note: The top surface of the dead plate is typically 0.031 in. (0.8 mm) above the belt surface for product transfer onto the belt, and 0.031 in. (0.8 mm) below the belt surface for product transfer off the belt.

Sprocket Description			Gap	
Pitch Diameter		No. Teeth	in.	mm
in.	mm	No. reem	111.	mm
4.0	102	6	0.268	6.8
5.2	132	8	0.200	5.1
6.5	165	10	0.158	4.0
7.7	196	12	0.132	3.4
10.3	262	16	0.098	2.5

