

Food processors require conveying systems that are tailored to the unique needs of the industry and individual applications. Too often, conveyor belt manufacturers develop products that serve a variety of industries, forcing food processors to make small compromises that could affect operations and product quality. With these challenges in mind, Rexnord created the 1090 Series KleanTop™ belt. Unlike similar belts on the market, the 1090 Series was designed for the food industry, offering the optimal combination of ease in cleaning and strength.

Retains Product Quality

Key features of the 1090 Series ensure products are made consistently and safely. The scalloped bottom of the belt enables it to run on a roller instead of a sprocket. This feature is optimal for applications requiring efficient cooling, ensuring air moves consistently and without dead spots usually found around wear strips. With a roller there is also the added bonus of cost savings in sprocket inventory and maintenance.

Effective Cleaning

Hinge areas are often difficult to see and clean. The 1090 Series features an open hinge design, giving access to the hinge so regular hygiene practices are effective in keeping the hinge area sanitary. The open hinge also provides the benefit of abrasion resistance, enabling the rod to last as long as possible.

Superior Industry Performance

Given the combination of features and benefits, the 1090 Series provides superior performance in food conveying applications for the following food processors:

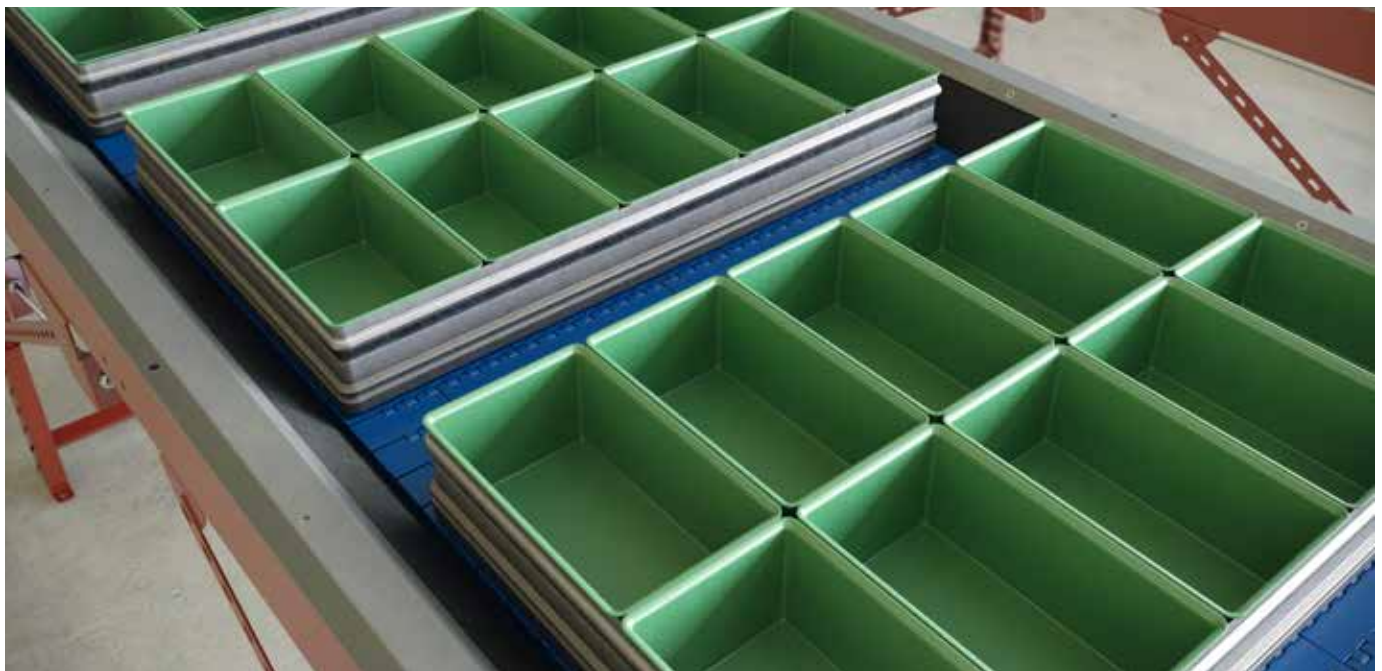
- Baking
- Snack Food
- Fruit and Vegetable
- Seafood



Conveyor equipped with Rexnord 1096 Series KleanTop Belt.

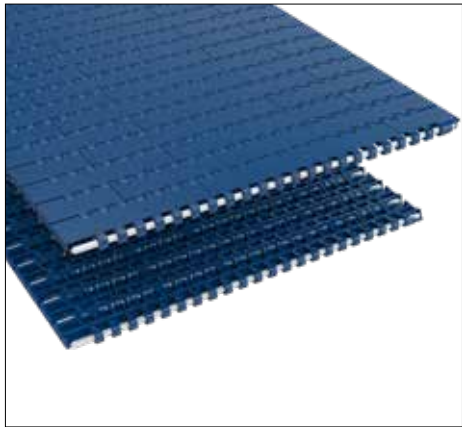
Product Information

- Plastic modular belt available in minimum width of four inches and increments of a half-inch.
- Flush grid version available with 45 percent open area.
- Machined sprockets available in 12-, 18- and 20-teeth execution in both single piece (KU) and split (KUS) designs.
- Available in FDA-approved white and blue materials for visual contrast and identification.
- One- and two-inch high flights with non-stick ribs.
- One- and two-inch high sideguards.



Conveyor equipped with Rexnord 1095 Series KleanTop Belt.

Flat Top 1095



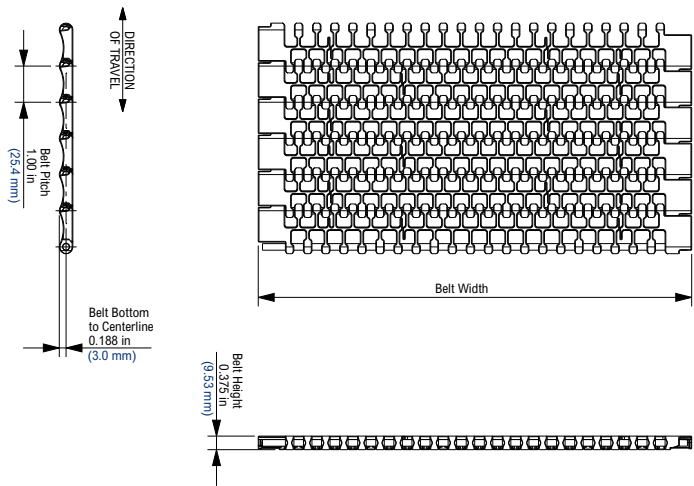
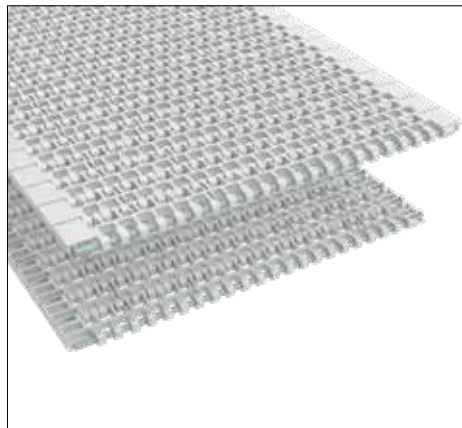
Rexnord 1095 Series KleanTop Belt Overview

Chain Type	Material	Standard Pin Material	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range °C	
			N/m / lbs/ft	kg/m / lbs/ft		Dry	Wet
FlatTop 1095	SMB (Blue)	PBT	1.500 / 21.884	1.48 / 7.23	0.680 / 17.2	-40 / 82	-40 / 66
FlatTop 1095	WHT (White)	PBT	900 / 13.130	0.95 / 4.64		4 / 104	4 / 100
FlatTop 1095	BHT (Blue)	PBT	900 / 13.130	0.95 / 4.64		4 / 104	4 / 100

General information:

- Plastic modular belt available in minimum width of four inches and increments of a half-inch

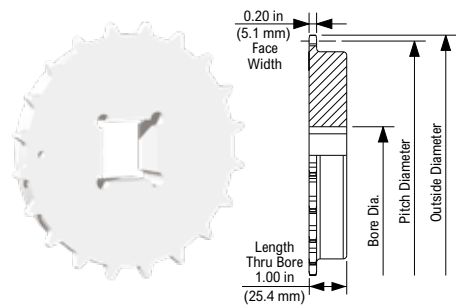
Flat Top 1096



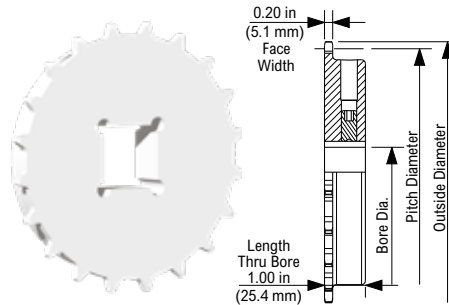
Rexnord 1096 Series KleanTop Belt Material Overview

Chain Type	Material	Standard Pin Material	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range °C	
			N/m / lbs/ft	kg/m / lbs/ft		Dry	Wet
Flush Grid 1096	SMB (Blue)	PBT	1.500 / 21.884	1.12 / 5.47	0.680 / 17.2	-40 / 82	-40 / 66
Flush Grid 1096	WHT (White)	PBT	900 / 13.130	0.72 / 3.52		4 / 104	4 / 100
Flush Grid 1096	BHT (Blue)	PBT	900 / 13.130	0.72 / 3.52		4 / 104	4 / 100

KU1090 Thermoplastic Sprocket



KUS1090 Thermoplastic Split Sprocket



KU1090 Thermoplastic Sprocket Information

Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)								Bore Diameter (Idler)				Approximate Weight	
						Round				Square									
						in		mm		in		mm		in		mm			
actual	effect	in	mm	in	mm	min	max	min	max	min	max	min	max	min	max	min	max	lbs	kg
12T	12T	3.9	98.2	3.9	98	1	1-3/4	25	45	1	1-19/32	25	40	1	2-1/2	25	65	0.26	0.12
18T	18T	5.8	146.3	5.8	147.3	1	3-19/64	25	80	1	3	25	75	1	4-1/2	25	115	0.77	0.35
20T	20T	6.4	162.4	6.5	163.9	1	3-1/2	25	85	1	3-19/64	25	80	1	5	25	127	0.95	0.43

KUS1090 Thermoplastic Split Sprocket Information

Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)								Bore Diameter (Idler)				Approximate Weight	
						Round				Square									
						in		mm		in		mm		in		mm			
actual	effect	in	mm	in	mm	min	max	min	max	min	max	min	max	min	max	min	max	lbs	kg
12T	12T	3.9	98.2	3.9	98	-	-	-	-	1	1.5	25	35	-	-	-	-	0.24	0.11
18T	18T	5.8	146.3	5.8	147.3	1	2-3/4	25	70	1	2.8	25	70	1	3-19/64	25	80	0.82	0.37
20T	20T	6.4	162.4	6.5	163.9	1	3	25	75	1	3.3	25	80	1	3-1/2	25	85	1.00	0.45