



SANI-GRID

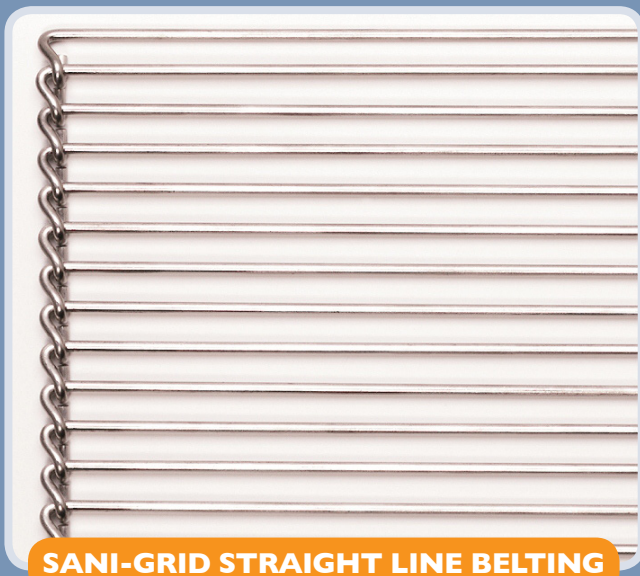
INDUSTRY-LEADING RELIABILITY AND CONSISTENCY FOR RESTAURANTS, BAKERIES, AND FOOD PROCESSORS

EASY TO SPLICE • CONSISTENT QUALITY



CAMBRIDGE
ENGINEERED SOLUTIONS

Sani-Grid belting is available for straight-line conveyors and for conveyors with 90° or 180° turns.



SANI-GRID STRAIGHT LINE BELTING

- Open construction promotes optimal airflow, drainage, and cleaning
- Sanitation and maintenance are easy thanks to Sani-Grid's simple construction. Buildup of debris and bacteria are minimized.



Sani-Grid's positive drive system and smooth edge finish allow for easy travel around curves.

APPLICATIONS

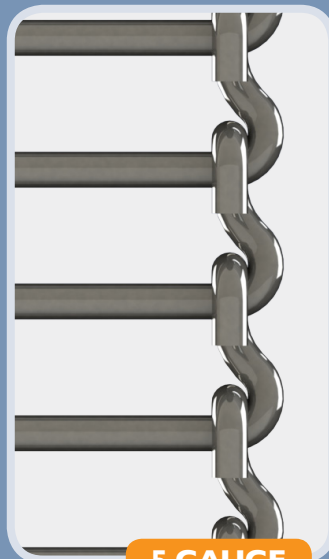
STRAIGHT-RUNNING OR TURN/SPIRAL:

COOLING

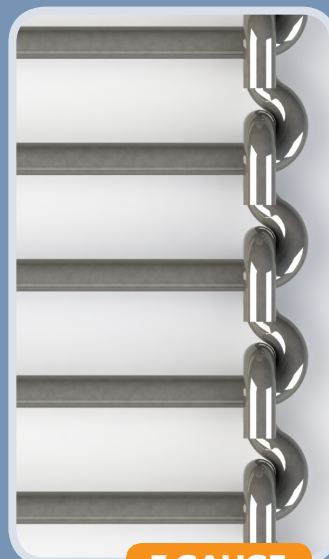
FREEZING

PROOFING

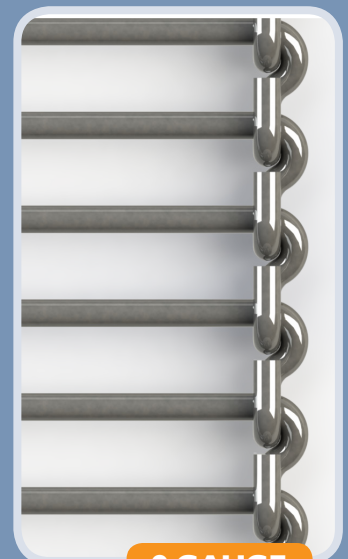
SANI-GRID WIRE GAUGES - ACTUAL SIZE



5 GAUGE



7 GAUGE



9 GAUGE

SANI-GRID FOR STRAIGHT LINE CONVEYORS

TECHNICAL SPECIFICATIONS

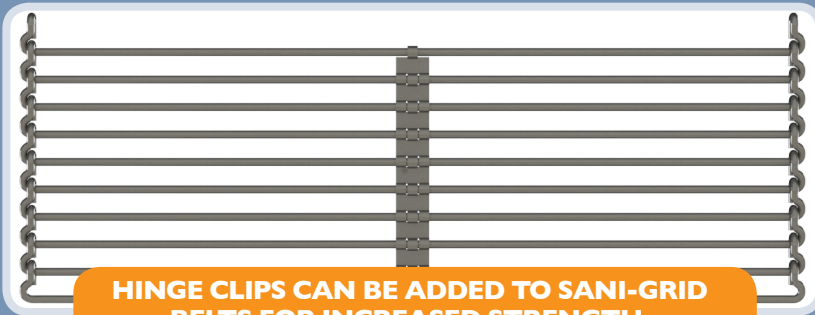
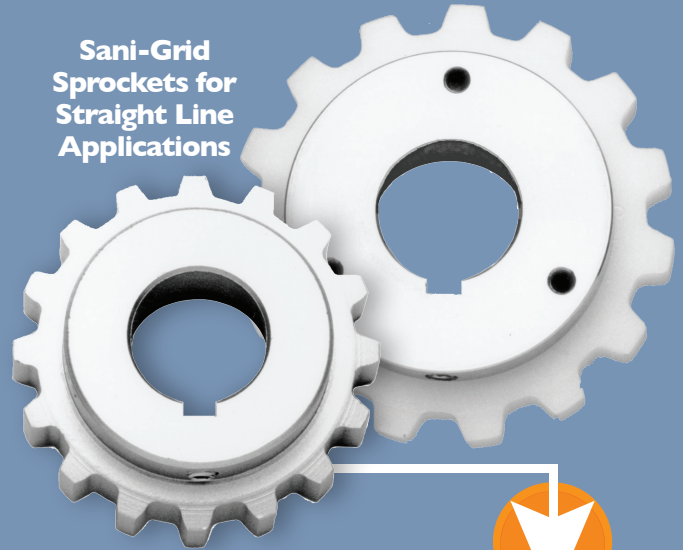
SANI-GRID BELT WEIGHTS – STRAIGHT-LINE CONVEYORS

OVERALL WIDTH	5 GAUGE		7 GAUGE		9 GAUGE	
	Lbs./ Lin. Ft	Kg/ Lin. M	Lbs./ Lin. Ft	Kg/ Lin. M	Lbs./ Lin. Ft	Kg/ Lin. M
12	2.34	3.48	1.98	2.95	1.68	2.50
15	2.79	4.15	2.38	3.54	2.03	3.02
18	3.25	4.84	2.78	4.14	2.38	3.54
20	3.55	5.28	3.07	4.57	-	-
24	4.16	6.19	3.59	5.34	3.01	4.48
30	5.07	7.54	4.39	6.53	3.71	5.52
36	5.98	8.90	5.19	7.72	-	-

SANI-GRID STRAIGHT-LINE TECHNICAL SPECIFICATIONS

WIRE GA.	WIRE SIZE		PITCH		CLEAR OPENING	
	IN	MM	IN	MM	IN	MM
5 Ga.	.207	5.26	3/4	19.05	.543	13.79
7 Ga.	.177	4.50	5/8	15.88	.448	11.38
9 Ga.	.148	3.76	1/2	12.70	.352	8.94

Sani-Grid Sprockets for Straight Line Applications



HINGE CLIPS CAN BE ADDED TO SANI-GRID BELTS FOR INCREASED STRENGTH.

SANI-GRID SPROCKETS FOR STRAIGHT-LINE CONVEYORS

WIRE GAUGE	SPROCKET NUMBER	NO. OF TEETH	WEIGHT (METAL)		WEIGHT (PLASTIC)		PITCH DIAMETER		OUTSIDE DIAMETER	
			LBS.	KG	LBS.	KG	IN.	MM	IN.	MM
5 Ga.	5-12	12	1.68	0.762	-	-	2.899	73.63	3.159	80.24
7 Ga.	7-11	11	0.97	0.440	-	-	2.218	56.34	2.500	63.50
	7-13	13	1.22	0.553	-	-	2.612	66.34	2.875	73.03
	7-15	15	1.60	0.726	0.28	0.127	3.006	76.35	3.250	82.55
9 Ga.	9-11*	11	0.57	0.259	-	-	1.775	45.09	1.938	49.23
	9-14	14	0.90	0.408	-	-	2.247	57.07	2.500	63.50
	9-16	16	1.22	0.553	0.23	0.104	2.546	64.67	2.750	69.85
	9-19	19	1.82	0.826	-	-	3.038	77.17	3.250	82.55
	9-25	25	3.41	1.547	-	-	3.989	101.32	4.250	107.95



Metal Sprocket Details

- Available in steel or stainless steel
- Available with 3/4" bore with 3/16" keyway **–or–** 1" bore with 1/4" keyway, 1 set screw (*9-11 sprocket available only with 3/4" bore and 3/16" keyway)

Plastic Sprocket details

- Material is rigid urethane
- Keyways are double the depth of standard metal sprockets
- Minimum temperatures: -40°F (-40°C)
- Maximum dry temperatures: 250°F (121°C) continuous; 300°F (149°C) intermittent
- Maximum wet temperature: 120°F (49°C) continuous; 200°F (93°C) intermittent

NOTE: ALL SANI-GRID SPROCKETS ARE FURNISHED IN PAIRS

SANI-GRID FOR TURN CONVEYORS

TECHNICAL SPECIFICATIONS

SANI-GRID CONSTANT RADIUS TURN CONVEYOR TECHNICAL SPECIFICATIONS	
AVAILABLE WIRE GAUGES	5 gauge (.207" or 5.26 mm) 7 gauge (.177" or 4.50 mm) 9 gauge (.148" or 3.76 mm)
INSIDE RADIUS	30" (762 mm)
INSIDE PITCH	5 gauge – .750" (19.05 mm) 7 gauge – .625" (15.88 mm) 9 gauge – .500" (12.70 mm)
AVAILABLE TURNS	Right or left hand turns

SANI-GRID BELT WEIGHTS – CONSTANT RADIUS TURN CONVEYORS												
OVERALL WIDTH	5 GAUGE				7 GAUGE				9 GAUGE			
	90° Turn		180° Turn		90° Turn		180° Turn		90° Turn		180° Turn	
	Lbs.	Kg	Lbs.	Kg	Lbs.	Kg	Lbs.	Kg	Lbs.	Kg	Lbs.	Kg
12	20.00	9.07	39.00	17.69	17.40	7.89	33.40	15.15	14.36	6.51	27.87	12.64
15	24.00	10.89	46.50	21.09	20.95	9.50	40.22	18.24	17.42	7.90	33.79	15.33
18	28.00	12.70	54.00	24.49	24.50	11.11	47.04	21.34	20.41	9.26	39.60	17.96
24	36.00	16.33	69.00	31.30	31.60	14.33	60.68	27.52	26.50	12.02	51.40	23.31
30	44.00	19.96	84.00	38.10	38.41	17.42	73.76	33.46	32.54	14.76	63.14	28.64
36	52.00	23.59	99.00	44.91	45.23	20.52	88.85	40.30	-	-	-	-



**SANI-GRID
CONSTANT RADIUS
BELTING**



SPROCKETS FOR SANI-GRID TURN CONVEYORS

SANI-GRID SPROCKETS FOR CONSTANT RADIUS TURN CONVEYORS

Note: Each Sani-Grid constant radius belt width requires a different outside sprocket.
Please specify wire gauge, sprocket number, and sprocket bore when ordering.

WIRE GAUGE	SPROCKET NUMBER	NO. OF TEETH	BELT WIDTH	WEIGHT (EACH)		PITCH DIAMETER		OUTSIDE DIAMETER	
				LBS.	KG	IN.	MM	IN.	MM
INSIDE SPROCKETS									
5 Ga.	5-TC-I	9	12" to 36" (305 to 914 mm)	1.11	0.503	2.210	56.13	2.471	62.76
7 Ga.	7-TC-I	11	12" to 36" (305 to 914 mm)	1.18	0.535	2.218	56.34	2.584	65.63
9 Ga.	9-TC-I	11	12" to 30" (305 to 762 mm)	0.52	0.236	1.780	45.21	2.068	52.53
INSIDE SPROCKETS									
5 Ga.	5-TC12	9	12" (305 mm)	1.82	0.826	2.986	75.84	3.247	82.47
	5-TC15	9	15" (381 mm)	2.05	0.930	3.202	81.33	3.463	87.96
	5-TC18	9	18" (457 mm)	2.30	1.043	3.419	86.84	3.680	93.47
	5-TC24	9	24" (610 mm)	2.86	1.297	3.852	97.84	4.113	104.47
	5-TC30	9	30" (762 mm)	3.48	1.579	4.284	108.81	4.545	115.44
	5-TC36	9	36" (914 mm)	4.00	1.814	4.718	119.84	4.979	126.47
7 Ga.	7-TC12	11	12" (305 mm)	2.35	1.066	3.031	76.99	3.324	84.43
	7-TC15	11	15" (381 mm)	2.79	1.266	3.250	82.55	3.543	89.99
	7-TC18	11	18" (457 mm)	3.27	1.483	3.472	88.19	3.765	95.63
	7-TC24	11	24" (610 mm)	4.14	1.878	3.908	99.26	4.201	106.71
	7-TC30	11	30" (762 mm)	5.13	2.327	4.348	110.44	4.641	117.88
	7-TC36	11	36" (914 mm)	6.20	2.812	4.785	121.54	5.078	128.98
9 Ga.	9-TC12	11	12" (305 mm)	1.05	0.476	2.435	61.85	2.677	68.00
	9-TC15	11	15" (381 mm)	1.28	0.581	2.609	66.27	2.851	72.42
	9-TC18	11	18" (457 mm)	1.48	0.671	2.785	70.74	3.027	76.89
	9-TC24	11	24" (610 mm)	1.87	0.848	3.136	79.65	3.378	85.80
	9-TC30	11	30" (762 mm)	2.53	1.148	3.487	88.57	3.729	94.72
MATERIALS			Available in steel or stainless steel						
BORE & KEYWAY CONFIGURATION			3/4" bore with 3/16" keyway – or – 1" bore with 1/4" keyway, 1 set screw						

NOTE: ALL SANI-GRID SPROCKETS ARE FURNISHED IN PAIRS

IDLER SPROCKETS FOR SANI-GRID TURN CONVEYORS

Idler sprockets reduce friction, eliminate belt wear on the inside radius, and improve service life.

IDLER SPROCKET NO.	WEIGHT (EACH)		BUSHED BORE		OUTSIDE DIAMETER		BELT EDGE TO BORE CENTER	
	LBS.	KG	IN.	MM	IN.	MM	IN.	MM
5G-I	4.00	1.814	0.750	19.05	4.938	125.43	2.382	60.50
7G-I	2.26	1.025	0.500	12.70	4.125	104.78	1.988	50.50
9G-I	1.24	0.562	0.500	12.70	3.375	85.73	1.578	40.08



SPROCKET ASSEMBLY FOR TURN CONVEYORS

CAMBRIDGE ENGINEERED SOLUTIONS
877.649.7492 +1.410.901.2660
sales@cambridge-es.com
www.cambridge-es.com

CAMBRIDGE QUICK FACTS

Over 100 years in business

World's largest manufacturer of metal conveyor belts

Manufacturing facilities located in the United States, Mexico, and Brazil

Over 25 engineers and field technicians on staff

24/7/365 customer support

THE CAMBRIDGE APPROACH

There's a reason why "Engineered Solutions" is part of our name: We aren't just another metal belt manufacturer. We are engineers who are always looking for a better way to solve problems. Nothing gives us more satisfaction than helping our customers run their plants more efficiently and profitably.

AT YOUR SERVICE

In addition to designing a belt that is specific to your plant and objectives, we can help you with the following services:

Installation • Conveyor Modifications & Retrofits • Conveyor Evaluations
Conveyor Alignment • Troubleshooting Assistance • Technical Training
Maintenance Program Planning • Consignment Inventory Programs
Plant Surveys & Optimization

CAMBRIDGE ENGINEERED SOLUTIONS

877.649.7492 +1.410.901.2660

sales@cambridge-es.com

www.cambridge-es.com