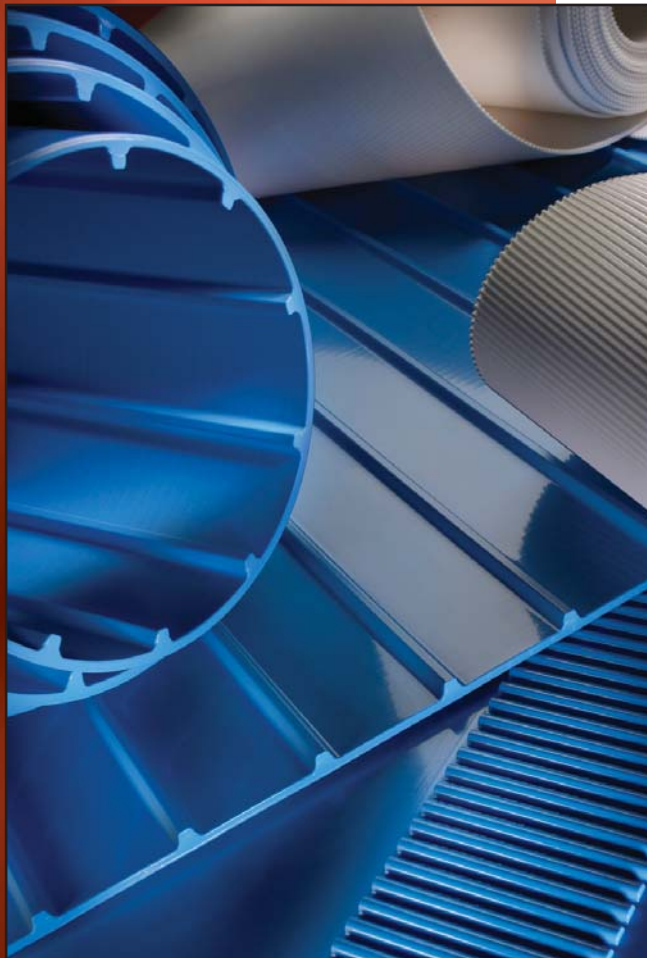
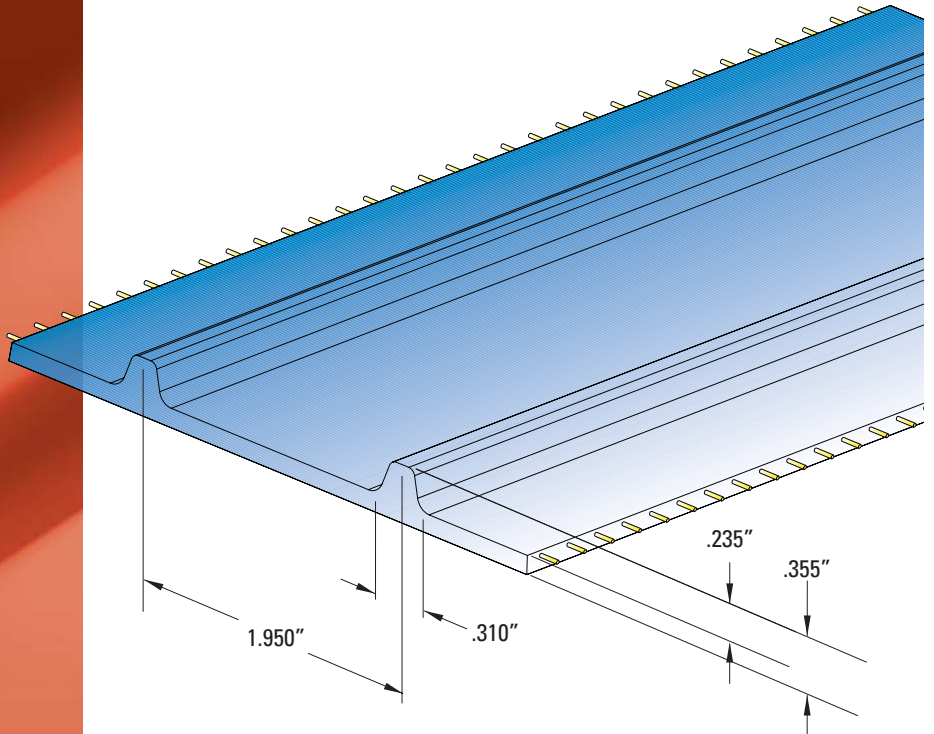


PosiClean™ patent pending

Food Grade Belting

Gates Mectrol PosiClean is a positive drive belt. It is designed to be an easy to clean replacement of plastic modular chain for the food and confectionery processing industries.

PosiClean has sealed Kevlar® tension members to limit belt stretch and smooth surfaces to facilitate cleaning to a microbiological level.



Features

- Allows for clean-in-place process
- Urethane material compatible with wash down environments
- Kevlar tension members provide high strength, low stretch
- Sealed edges and tension members prevent ingress of microbes
- Welded endless or spliced with stainless steel or plastic lacing

Benefits

- Reduction of in-process bacteria growth
- Lower sanitation costs through reduced waste water generation and chemical usage
- Longer belt life due to minimal belt stretch
- Reduced cleaning time



IMAGINATION, DESIGN, EXECUTION

PosiClean Belt Specifications

Pitch	inch	1.95
Max. Allowable Belt Tension with Factory Weld per Inch or 25 mm Belt Width	lbf/in N/25 mm	60 270
Max. Allowable Belt Tension with Field Weld per Inch or 25 mm Belt Width	lbf/in N/25 mm	30 130
Min. No. of Pulley Teeth		6
Min. Pitch Diameter	inch	3.72
Min. Diameter of Tensioning Idler Running on Back of Belt	inch mm	6.00 150
Hardness, Shore A		95
Service Temperature Range		-5° C to +70° C (23° F to 158° F)
Urethane Grade		FDA Compliant
Standard Color		Blue
Min. Welded Belt Length	mm	42
Standard Roll Lengths	feet	200
Standard Slitting Lanes	inch	1
Min. Width Available	inch	8
Max. Width Available	inch	18

Matching Sprockets Available

PosiClean Sprocket Specifications

Number of Teeth			6	8	10	12
Nom. Outside Diameter	inch		3.7	4.9	6.1	7.4
	mm		93	124	156	187
Nom. Diameter of Optional Flange	inch		3.9	5.1	6.3	7.6
	mm		98	129	161	192
Nominal Hub Width	inch		1.3	1.3	1.3	1.3
	mm		32	32	32	32
Available Bore Sizes	Imperial Sizes	Square, inch	1.5	1.5	1.5	1.5
		Round*, inch	1	1	N/A	N/A
	Metric Sizes	Square, mm	40	40	40	40
		Round*, mm	30	30	N/A	N/A
Material			UHMW			

* Imperial keyway sizes on round bores conform to ANSI standard B17.1 - 1967 (R1989); metric keyway sizes conform to BS 4235: Part 1: 1972 (1986)

PosiClean Sprocket and Support Guidelines

Belt Width	inch	6	8	10	12	14	16	18
	mm	152	203	254	305	356	406	457
Min. No. of Sprockets		2	2	3	3	3	4	4
Min. No. of Wearstrips		2	2	3	3	3	3	4



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GM PosiClean 1-2007

The specifications and guidelines listed are based on Gates Mectrol's experience. However, our specifications and data do NOT cover all possible belt drive conditions. It is the responsibility of the belt drive system designer to ensure Gates Mectrol's belts are appropriate for a given system and application.