



## CENTERCLEAN™ FOOD GRADE BELTING

**Gates CenterClean is a center driven food processing belt appropriate for general food processing and troughing applications.**



CenterClean belts are constructed with flexible urethane and sealed Kevlar® tension members. This construction allows CenterClean belts to be troughed or run on small diameter pulleys with minimal belt stretch.

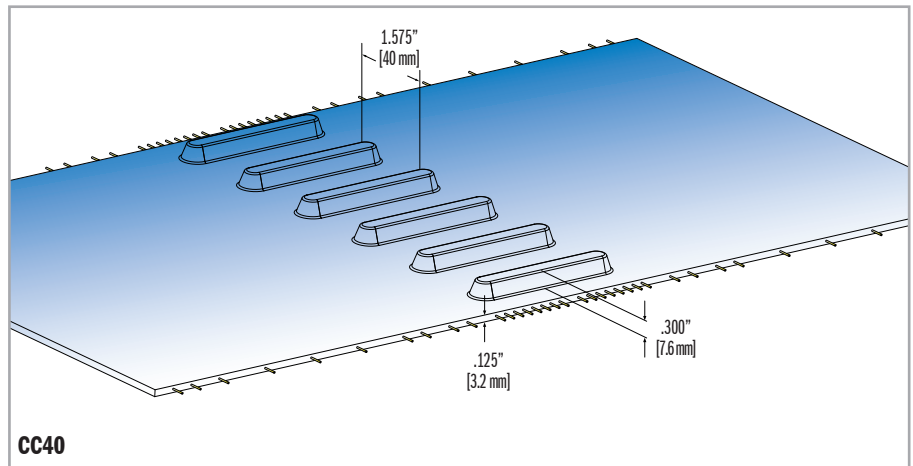
CenterClean self-tracking belt has sealed Kevlar® tension members to limit belt stretch and smooth surfaces that facilitate cleaning to a microbiological level.

### FEATURES

- 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
- Can be welded endless or spliced with stainless steel or PosiLace™ pin system
- USDA accepted for meat, poultry and dairy processing equipment

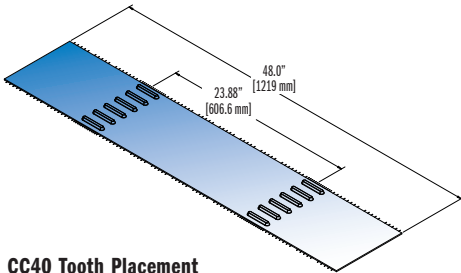
### BENEFITS

- Reduction of in-process bacteria growth
- Cut water usage and costs by 45%
- Longer belt life due to minimal belt stretch
- Reduce cleaning time by 50%



CenterClean belting has drive teeth only in the center three inches of the belt and a pitch length of 1.575" (40 mm). The lack of extended teeth makes this belt appropriate for self-tracking and troughing applications as well as general processing.

## CENTERCLEAN SPECIFICATIONS



CC40 Tooth Placement

Belt Options	CC40
Average Cords/inch	2
Pitch (nominal)	1.575" (40 mm)
Hardness-Shore A	95
Surface Textures	Smooth & Inverted Pyramid
Specific Belt Weight (lbs/ft/in)	0.078
Specific Belt Stiffness (lbs/inch)	7400
Min. Sprocket Dia. Service Temperature Above 25°F	4.9" (124 mm)
Min. Sprocket Dia. Service Temperature Below 25°F	5.9" (150 mm)
Min. Back Bend Dia. Above 25°F	6" (152 mm)
Min. Back Bend Dia. Below 25°F	10" (254 mm)
Service Temperature Range	15° to 160° F (-9° to 71° C)
<b>Coefficient of Friction (dynamic/static)</b>	
Urethane vs. UHMW - Dry	0.20 / 0.30
Urethane vs. UHMW - Wet	0.35 / 0.58
Urethane vs. Stainless Steel - Dry	0.38 / 0.41
Urethane vs. Stainless Steel - Wet	0.40 / 0.57
<b>Coefficient of Thermal Expansion (in/in/°F)</b>	
	$1.09 \times 10^{-4}$
<b>(mm/mm/°C)</b>	
	$1.96 \times 10^{-4}$
Color	PosiBlue, PosiWhite
Min. and Max. Width	6" / 48" (152 / 1219 mm)
Std. Length	200' (61m)
Tracking Lane	Yes

**Max. Allowable Tension (lbs per inch width)<sup>(1)</sup>**

Joining Options	Width Ranges						
	Single Track				Dual Track		
	6" - 9"	>9" - 12"	>12" - 17"	>17" - 36"	>30" - 39"	>39" - 42"	>42" - 60"
Butt Weld (between the teeth)	239	275	317	344	724	766	793
PosiLace	155	179	206	223	471	498	515
UX1SS Mechanical	239	275	317	344	724	766	793
APF150 Mechanical	139	160	184	199	419	443	458
RS125 Mechanical	290	334	385	417	878	929	961

(1) Max allowable set as the lower of 25% yield strength or 2% stretch of weld or splice

**CENTERCLEAN BELT SLIT WIDTH AND TOOTH CENTER TOLERANCES**

Up to and Including 15.75"	15.76" or more
+/- 0.0625"	+/- 0.125"

**CENTERCLEAN SPROCKET SPECIFICATIONS**

	CC40							
Number of Teeth	10	11	12	13	15	16	17	20
Nom. Outside Diameter	inch	5	5	6	6	7	8	10
	mm	124	137	150	163	188	201	251
Nominal Width	inch	7	7	7	7	7	7	7
	mm	165	165	165	165	165	165	165
Imperial Square Bore - Dimension	inch	2	2	2	2	2	2	2
Material	UHMW-PE							



CenterClean Sprocket

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**CENTERCLEAN CARRYWAY SUPPORT GUIDELINES**

Distance Between Parallel Wear Strips Guiding Belt Teeth, Dim. A	3.15"
Distance Between Parallel Wear Strips Not Guiding Belt Teeth, Dim. B	4" - 6"

