Gates PosiClean is an easy to clean replacement of plastic modular chain in food process conveying.

PosiClean’s smooth, easy-to-clean surface reduces the risk of microbial contamination and its Kevlar® tension members minimize belt stretch and improve belt stability.

**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
- Free from surface “sinks” over teeth that prevent effective scraping
- USDA accepted for meat, poultry and dairy processing equipment

**BENEFITS**
- Reduction of in-process bacteria growth
- Reduces cleaning labor by 50%, water usage by 45%
  * Saves 600 gallons annually for every foot of 24” wide modular belt replaced
- Drop-in replacement for most 1” and 2” plastic modular belt
- Reduces or eliminates the need for snubbers and returnway supports
- Longer belt life due to minimal belt stretch

---

**PC10**
- 2” minimum pulley diameter, typically used for better handoffs
- Direct drop-in replacement for most 1” plastic modular belting

<table>
<thead>
<tr>
<th></th>
<th>PC10</th>
<th>PC20</th>
</tr>
</thead>
<tbody>
<tr>
<td>A - Distance Between Teeth</td>
<td>1.020</td>
<td>1.970</td>
</tr>
<tr>
<td>B - Tooth Width</td>
<td>0.169</td>
<td>0.301</td>
</tr>
<tr>
<td>C - Tooth Height</td>
<td>0.138</td>
<td>0.226</td>
</tr>
<tr>
<td>D - Belt Thickness with Tooth</td>
<td>0.248</td>
<td>0.354</td>
</tr>
</tbody>
</table>

**PC20**
- Available in two cord per inch for light to medium applications and four cord per inch for high torque applications
- Direct drop-in replacement for most 2” plastic modular belt
  * 180° wrap around most 8, 10, and 12 tooth modular pulleys
- 4” minimum pulley diameter
- Can be used with the PosiLace™ pin fastening system
POSICLEAN® FOOD GRADE BELTING

POSICLEAN SPECIFICATIONS

<table>
<thead>
<tr>
<th>Belt Width</th>
<th>Standard</th>
<th>PC20</th>
<th>Hi Torque</th>
<th>Cold Temp</th>
<th>PC10</th>
</tr>
</thead>
<tbody>
<tr>
<td>inch</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>95</td>
<td>96</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>8</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>10</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>12</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>15</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>18</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>21</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>24</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>27</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>30</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>36</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>40</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>45</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>48</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
</tbody>
</table>

Surface Textures: Smooth & Inverted Pyramid

Specific Belt Weight (lbs/ft/in):
- Standard: 0.089
- PC20: 0.089
- Hi Torque: 0.089
- Cold Temp: 0.089
- PC10: 0.063

Specific Belt Stiffness (lbs/inch/inch):
- Standard: 7400
- PC20: 11800
- Hi Torque: 11800
- Cold Temp: 7400
- PC10: 7400

Min. Sprocket Dia. Service Temp above 25°F:
- Standard: 3.76*
- PC20: 3.76*
- Hi Torque: 3.76*
- Cold Temp: 3.76*
- PC10: 2.00*

Min. Sprocket Dia. Service Temp below 25°F:
- Standard: 6.27*
- PC20: 6.27*
- Hi Torque: 6.27*
- Cold Temp: 6.27*
- PC10: 3.25*

Min. Back Bend Dia. above 25°F:
- Standard: 6*
- PC20: 6*
- Hi Torque: 6*
- Cold Temp: 6*
- PC10: 3.5*

Min. Back Bend Dia. below 25°F:
- Standard: 10*
- PC20: 10*
- Hi Torque: 10*
- Cold Temp: 10*
- PC10: 5*

Service Temperature Range:
- Standard: -23°F to 70°C
- PC20: -23°F to 70°C
- Hi Torque: -23°F to 70°C
- Cold Temp: -23°F to 70°C
- PC10: -9°F to 71°C

Ultimate Belt Strength (lbs/in of width):
- Standard: 265
- PC20: 502
- Hi Torque: 528
- Cold Temp: 294

Coefficient of Friction (dynamic/static):
- 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

Coefficient of Thermal Expansion (in/in/°F):
- Standard: 1.09 x 10^-4
- PC20: 1.09 x 10^-4
- Hi Torque: 1.09 x 10^-4
- Cold Temp: 1.09 x 10^-4

Color:
- Standard: PosiBlue, PosiWhite
- PC20: PosiBlue
- Hi Torque: PosiBlue
- Cold Temp: PosiBlue
- PC10: PosiWhite

Min. and Max. Width:
- Standard: 5"/48" - 42"/48"
- PC20: 5"/48" - 42"/48"
- Hi Torque: 5"/48" - 42"/48"
- Cold Temp: 4"/48" - 42"/48"
- PC10: 4"/48" - 42"/48"

Std. Roll Length:
- Standard: 200'
- PC20: 200'
- Hi Torque: 200'
- Cold Temp: 200'

FASTENING OPTIONS

Max. Allowable Tension (lbs per inch width):
- Platen Weld: 30 mm x 70 mm Finger
- Platen Weld: 30 mm x 60 mm Finger
- Butt Weld
- PosiLace (up to 42" wide)
- Flexco UX155 Clipper Wire Hooks
- Flexco APF150 Alligator Plastic Rivet
- Flexco APF100 Alligator Plastic Rivet
- Flexco RS125 Alligator Ready Set Staple
- Flexco RS62 Alligator Ready Set Staple

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

POSICLEAN SLIT WIDTH TOLERANCES

<table>
<thead>
<tr>
<th>Up to and including 15.75&quot;</th>
<th>15.76&quot; to 23.62&quot;</th>
<th>&gt;23.63&quot; or more</th>
</tr>
</thead>
<tbody>
<tr>
<td>+0.00 to -.125&quot;</td>
<td>+0.00 to -.1875&quot;</td>
<td>+0.00 to -.25&quot;</td>
</tr>
</tbody>
</table>

POSICLEAN SPROCKET SPECIFICATIONS

<table>
<thead>
<tr>
<th>Number of Teeth</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
<th>16</th>
<th>PC20</th>
<th>PC10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nom. Outside Diameter (inch)</td>
<td>3.7</td>
<td>4.9</td>
<td>6.2</td>
<td>7.5</td>
<td>10</td>
<td>1.9</td>
<td>3.2</td>
</tr>
<tr>
<td>Nominal Width (inch)</td>
<td>1.3</td>
<td>1.3</td>
<td>1.3</td>
<td>1.3</td>
<td>1.3</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Available Bore Sizes (square, in)</td>
<td>1.5</td>
<td>1.5</td>
<td>1.5</td>
<td>1.5</td>
<td>1.5</td>
<td>1.5</td>
<td></td>
</tr>
<tr>
<td>Material</td>
<td>UHMW-PE</td>
<td>UHMW-PE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

POSICLEAN SPROCKET & SUPPORT GUIDELINES (PC20 and PC10)

<table>
<thead>
<tr>
<th>Belt Width (inch)</th>
<th>6</th>
<th>9</th>
<th>12</th>
<th>15</th>
<th>18</th>
<th>21</th>
<th>24</th>
<th>27</th>
<th>30</th>
<th>36</th>
<th>40</th>
<th>45</th>
<th>48</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min. No. Sprockets</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
</tr>
<tr>
<td>No. Sprockets for Max. Allow. Tension (Max. 3&quot;)</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>13</td>
<td>15</td>
<td>16</td>
<td>17</td>
</tr>
<tr>
<td>Min. No. Carryway Supports (6&quot; (152 mm) spacing center to center)</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>6</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>9</td>
</tr>
</tbody>
</table>