



TPU BELTS

THERMOPLASTIC POLYURETHANE

FOOD BELT SURFACE TEXTURES

FLEXIBLE FOOD BELT WITH INTEGRATED SURFACE STRUCTURES

Gates TPU offers a range of unique surface structures to meet a broad set of food processing application requirements.

- **SAWTOOTH (ST)**
- **INVERTED TETRAHEDRON (IT)**
- **INVERTED PYRAMID (IP)**

Food belts with structured surface textures are primarily used in food processing conveying applications. Our unique surface textures are specifically designed to ensure proper positioning, control and release for wet or slippery products like meat, poultry and fish.

Gates TPU's integrated construction and high flexibility resin combine to provide a durable, long-lasting belting solution. All Gates® TPU food grade belts and surface texture combinations retain the same base belt properties (weld strength, minimum pulley diameter, etc.) and are produced in accordance with FDA/USDA regulations for direct food contact.

FEATURES + BENEFITS

- Sawtooth (ST) surface is ideal for meat slicers and food processing conveyance applications with high friction requirements, such as minimising product slide during slicing
- Inverted Tetrahedron (IT) and Inverted Pyramid (IP) surfaces are uniquely suited for applications requiring improved product release, such as dough transfer and leafy vegetable processing
- Fully sealed construction limits potential for bacteria contamination
- Embedded tension members provide high load capacity and eliminate stretch; no re-tensioning required
- Tough polyurethane construction is ideal for high abrasion environments, like post-seasoning in the snack industry

FOOD BELT SURFACE TEXTURES

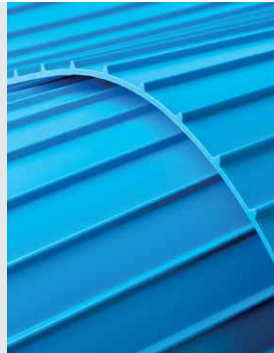
TECHNICAL DATA

| | |
|-----------------------------|---|
| SERVICE TEMPERATURE | -10 to +70 °C (15 to 160 °F) |
| HARDNESS | 90 Shore A (ST), 95 Shore A (IT/IP) |
| COLOUR | PosiBlue |
| STANDARD ROLL LENGTH | 200' (61m) |
| JOINTS | Standard Finger, Butt and Posilace Weld |

SAWTOOTH (ST)

Available in CC8, CC40, PC10, PC20 and FC12

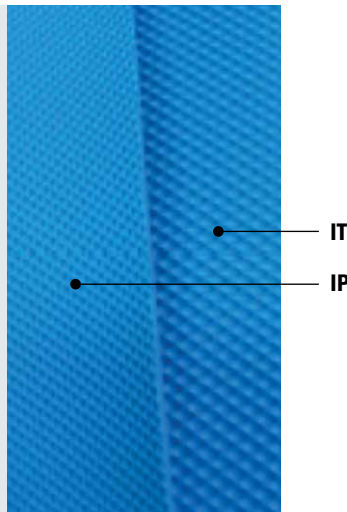
- 121.92cm (48") wide
- No Cleats/Cleats, Sidewalls or V-guides possible



INVERTED TETRAHEDRON (IT) / INVERTED PYRAMID (IP)

Available in CC40, PC10, P20 and FC12

- 91.44cm (36") wide, single lug CC40 available
- 121.92cm (48") wide PC10, PC20 and FC12
- Cleats with a Smooth or IP surface are available on IT base belt
- V-guides can be welded to IT surface but texture will be ground away

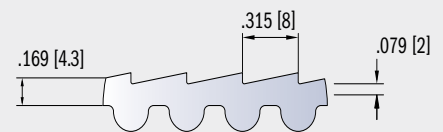


- No change to belt properties such as weld strength, pulley diameter, etc.

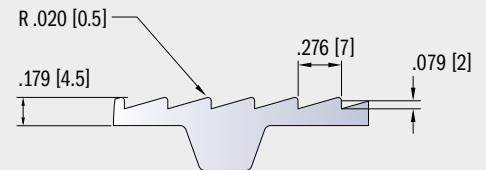


Marlen's DuraKut™ 6000 2D Dicer featured with Sawtooth (ST) textured food belt.

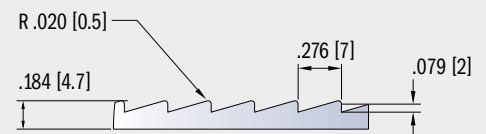
CC8-ST



CC40-ST



FC12-ST



PC10/PC20-ST

