



Industry Overview

Timing belts are used in a variety of applications in the food and beverage industry, including packaging and processing systems. Hygiene, FDA compliance, environmental resistance, and precision are critical requirements to ensure accurate and safe food production processes.



Scan here for more info

BRECOflex Benefits

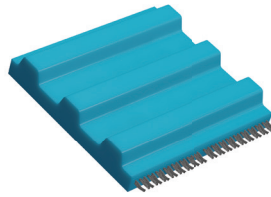
Precise, compliant performance: FDA-compliant PU belts with elongation-resistant tension members require no lubrication and are easy to clean for hygienic, accurate performance

Extensive customizations: A wide selection of FDA backings, profiles, belting material, and stainless steel pulleys & accessories for food-grade and clean-room applications

Free personalized engineering support: Meet application and design needs from the get-go with free support from our application engineering team

Product Highlights

BRECOprotect®

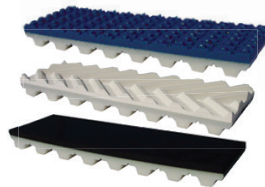


FDA-approved AU1 blue polyurethane for food vision inspection

Fully encapsulated carbon steel tension members for wash-down applications, sealed edges/ends available

Hydrolysis, oil and grease resistant, with **consistent length tolerance & pretension performance** across **varying humidity** levels

Backings & Profiles



FDA-compliant backing materials like PVC, polyurethane and TPE40 FDA

Custom belt materials, and other modifications to meet environmental, performance and compliance requirements

Corrosion-resistant stainless steel pulleys & accessories for wash-down environments

Common Industry Applications and Potential Solutions

Applications	Priorities	Belt Options	Backing Options	Modifications & Accessories
Direct FDA-Contact material handling & conveying	<ul style="list-style-type: none"> • FDA Compliance • Non-corrosive • Precision • Durability 	<ul style="list-style-type: none"> • BRECOprotect® • Field Connections 	<ul style="list-style-type: none"> • Supergrip FDA • White Nub FDA • TPE 40 FDA 	<ul style="list-style-type: none"> • Welded profiles • TPU-AU1 FDA polyurethane • Kevlar® and stainless steel tension members • Stainless steel pulleys & components
Sorting, indexing and inspection machines	<ul style="list-style-type: none"> • Accuracy • Repeatability • Non-corrosive • Chemical resistance 	<ul style="list-style-type: none"> • BRECOprotect® • ATN® timing belts 	<ul style="list-style-type: none"> • TPE 40 FDA • Textured PVC • Smooth PVC 	<ul style="list-style-type: none"> • Welded profiles • Kevlar® and stainless steel tension members • Stainless steel pulleys & components
Wash-down cleaning systems	<ul style="list-style-type: none"> • Accuracy • Non-corrosive • Resistance to hydrolysis, fats and oils, chemicals 	<ul style="list-style-type: none"> • BRECOprotect® • Custom timing belts • Covered timing belts 	<ul style="list-style-type: none"> • TPE 40 FDA • PVC 	<ul style="list-style-type: none"> • TPU-AU1 FDA and PP1 • Kevlar® and stainless steel tension members • Stainless steel pulleys & components