



Industry Overview

Timing belts are used throughout the medical and pharmaceutical industries, including diagnostic equipment, medication manufacturing and packaging, and the handling of medical components. Hygiene, compliance, precision, and availability are critical for these applications.



Scan here for more info

BRECOflex Benefits

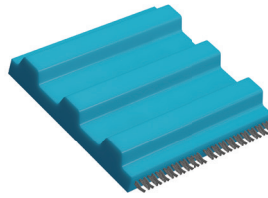
Precise, compliant performance: FDA-compliant PU belts with elongation-resistant tension members require no lubrication and are easy to clean for hygienic, accurate operation

Reliable, replacement-ready parts: High-quality, wear-resistant components can be manufactured and customized in-house, providing shorter lead times to maximize uptime

Extensive customizations: Huge customization selection including FDA backings, belt materials, and stainless steel pulleys & accessories for clean-room applications

Product Highlights

BRECOprotect®



FDA-approved AU1 blue polyurethane Fully encapsulated carbon steel tension members for wash-down applications

AT and T pitches for easy integration with linear drive, indexing, and conveying systems

Backings & Profiles



FDA-compliant backing materials like PVC, polyurethane and TPE

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

Precision machining for vacuum applications

Common Industry Applications and Potential Solutions

| Applications | Priorities | Belt Options | Backing Options | Modifications & Accessories |
|--|--|---|--|--|
| Indexing & conveying pharmaceuticals and packaging | <ul style="list-style-type: none"> • Compliance • Precision • Repeatability | <ul style="list-style-type: none"> • BRECOprotect® • Custom timing belts • Covered timing belts | <ul style="list-style-type: none"> • PVC White FDA • Herringbone FDA • TPE 40 FDA | <ul style="list-style-type: none"> • Welded profiles • Kevlar® and stainless steel tension members • Stainless steel pulleys & components |
| Hygiene & vacuum applications | <ul style="list-style-type: none"> • Vacuum belts • Compliance • Precision | <ul style="list-style-type: none"> • Standard timing belts • Custom timing belts | <ul style="list-style-type: none"> • Silicone • PVC • TPE 40 FDA | <ul style="list-style-type: none"> • TPU-AU1 polyurethane • Machining • Kevlar® and stainless steel tension members • Stainless steel pulleys & components |
| Medical diagnostic packaging machinery | <ul style="list-style-type: none"> • Precision • Synchronized motion • Durability • High speed | <ul style="list-style-type: none"> • Standard timing belts • move-series® • Custom timing belts | <ul style="list-style-type: none"> • Textured PVCs • TPE 40 FDA • Silicone | <ul style="list-style-type: none"> • Kevlar® tension members • Custom pulleys & components |