



# **INTRALOX**

---

# versus

# FLAT BELTS

# INTRALOX versus FLAT BELTS

Have your plant's flat belts become a source of frustration? Does the constant maintenance and repair work they require lead to costly, unscheduled downtime? If so, consider replacing them with a belt solution that pays for itself and **saves you money, time, and labor for the long term.**

How do flat belts match up to Intralox's conveying solutions?

Flat Belting Concern:	Intralox Solutions...
<p><b>Tensioning</b> Constant adjustments to belt tension lead to conveyor frame wear and shortened belt life.</p>	...deliver longer belt life with zero stretching/ripping and reduced conveyor wear. ThermoDrive® belts require no pre-tensioning.
<p><b>Mistracking</b> Tensioned flat belts must be tracked or steered using complicated tracking systems.</p>	...eliminate mistracking by utilizing positive engagement between drive and belt (positive drive).
<p><b>Food Safety</b> Belts present food safety risks, including bacterial harborage and potential for product contamination.</p>	...achieve zero bacteria count at startup and maintain low swab counts during production.
<p><b>Sanitation</b> Cleaning fabric flat belts is difficult, time consuming, and not fully effective.</p>	...are hygienically designed, and can be cleaned in place with ease.
<p><b>Belt Fatigue</b> Results in shortened belt life, frequent replacements, and increased contamination risks.</p>	...typically last at least three times longer than flat belts.
<p><b>Configurations</b> Limited configuration options result in more drives, conveyors, transfers, and used floor space.</p>	...provide for multiple configuration options, eliminate drives, reduce transfer points, and save floor space.*
<p><b>Flights</b> Vulcanized/glued flights separate from belts at the base, causing sanitation and maintenance issues.</p>	... utilize flights that have been molded to the belt, ensuring zero flight separation.
<p><b>Maintenance</b> Maintenance can be expensive and time consuming. Lacing procedures present injury risks to workers.</p>	...are safer, quicker, and easier to repair.
<p><b>Product Loss</b> Problems with mistracking, sanitation, and reliability lead to product loss and decreased yield.</p>	...mitigate product loss and improve yield because they perform better and are more reliable overall.

\* Intralox belts can enable center drive, head drive, z-elevator, and incline conveyor configurations.



## ThermoDrive® Belting

An innovative, patented technology, ThermoDrive belting combines the best features of modular plastic and traditional flat belts. Made of homogeneous thermoplastic with a 100% closed surface, ThermoDrive belts are well suited for hygienic food-processing applications.

Unlike traditional flat belts, ThermoDrive belts drive on sprockets with zero tension. This patented positive-drive system ensures that the belt can be easily moved or lifted for simple belt and conveyor cleaning. ThermoDrive belts are now available with synchronized side-walls to improve control and containment of small or fragile food products.



### Conveying Solutions for Every Need

Intralox solutions offer many advantages over flat belting options. We offer solutions and belting for a wide range of applications, including:

**Direct Food Contact**

**Case Handling**

**Incline and Decline Conveyors**

**Metal- or X-ray-Detectable  
Applications**

### How much could you save?

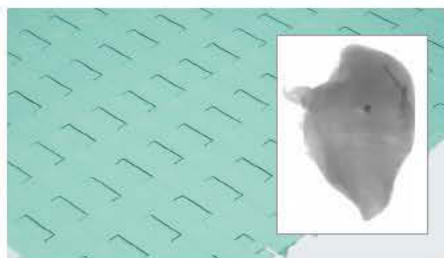
An Intralox payback analysis includes detailed comparisons to show you just how much money, time, and labor your plant can save with an Intralox retrofit. Call today for more details.

*“We wanted to install Intralox modular belts because we had forged a good relationship with the Intralox team, and also because of the technical advice this team has given us and their interest in providing us with the best systems to ensure that our processes achieve results.”*

*—Josep Clapera, Technical Manager, Baucells*

*“ThermoDrive belting has no mistracking, fraying, or cracking. It is easy to clean, maintain, and repair. Because ThermoDrive belts operate at low tension, we have no belt wear or conveyor frame distortion.”*

*—Mr. Shigemi Tanooka, Plant Manager,  
Ken Oh Plant, Iwate Nokyo Chicken Foods*





## Service. Technology. Accountability. Results.

With more than 60,000 customers around the world, we understand that there's no single conveying solution for everyone. That is why we've become experts in the conveyance processes of each industry we serve. Through close partnerships with our customers, research and development, and innovative thinking, we solve our customers' greatest conveying challenges.

Our product offering today includes not only modular plastic belting products but other patented conveying technologies and ARB equipment solutions. Coupled with the strongest guarantees in the business for belt performance and on-time shipping, Intralox consistently delivers where it matters most—service, technology, accountability, and results.

To learn more about our products and services, visit [www.intralox.com](http://www.intralox.com).

