

# FT Folder-Gluer Belts

## with Food Conformity



The FT-18/30E and FT-18/40E are thermoplastic folder-gluer belts with food conformity according to EU and FDA regulations.

The belts are available in 3 mm and 4 mm thicknesses.

Their durable, abrasion-resistant thermoplastic covers consist of an optimized mix of materials and provide a best-in-class lifetime, gentle treatment of materials, excellent folding precision, and high performance of the folder-gluer machine.

The belts feature a user-friendly, adhesive-free joining system.

## Reliable properties

The FT-18/30E and FT-18/40E provide high folding precision and excellent machine performance, as well as a long belt life and low life-cycle costs.

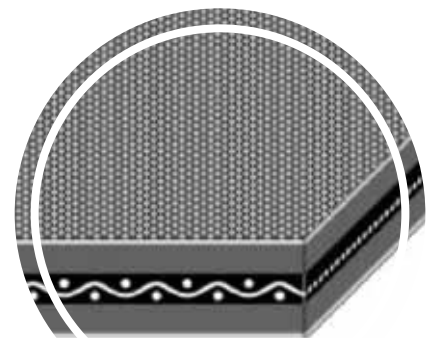
### Tests at box manufacturers have proved:

- Outstanding dimensional stability during the entire belt service life
- High folding precision
- Excellent performance and machine output
- Precise and smooth handling of processed goods
- High abrasion resistance
- Long belt service life



### Cross-section

- 1 **Conveying side:** thermoplastic foil consisting of an optimized mix of materials (color: light gray)
- 2 **Traction layer:** polyester fabric
- 3 **Pulley side:** thermoplastic foil consisting of an optimized mix of materials (color: light gray)



### Technical key data

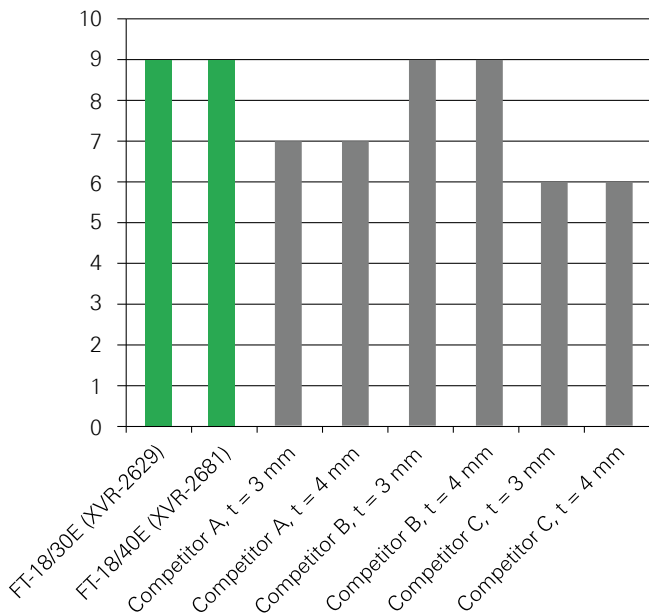
Type	Thickness		Tensile force for 1% elongation (relaxed)		Color of paper conveying	Color of pulley side
	mm	<i>inch</i>	N/mm	<i>lbs./in.</i>		
FT-18/30E	3	<i>0.12</i>	18	<i>103</i>	light gray	light gray
FT-18/40E	4	<i>0.16</i>	18	<i>103</i>	light gray	light gray

The belts comply with FDA and EU food conformity regulations. (Regulations (EC) No 1935/2004, No 2023/2006, No 10/2011)

Key features	Your benefits
<ul style="list-style-type: none"> <li>The conveying side and pulley side feature durable, abrasion-resistant thermoplastic covers consisting of an optimized mix of materials</li> <li>The materials meet FDA and EU food conformity regulations</li> </ul>	<ul style="list-style-type: none"> <li>Suitable for customers who require food conformity of folder-gluer belts</li> <li>Reliable and consistent grip</li> <li>Precise and smooth handling of processed goods</li> <li>No marking of processed goods</li> <li>Excellent machine performance</li> <li>Long belt life</li> </ul>
<ul style="list-style-type: none"> <li>Sandwich construction: foil/polyester fabric/foil. The traction layer is perfectly protected against external impacts and abrasion</li> <li>Excellent dimensional stability thanks to the central polyester traction layer fabric and the thermoplastic cover materials</li> <li>No sensitivity to changes in ambient humidity</li> </ul>	<ul style="list-style-type: none"> <li>No re-tensioning required, no machine downtime</li> <li>Lower maintenance costs</li> <li>Product keeps its dimensional stability and high strength over the full belt life, even if the top surfaces are worn</li> <li>Highest folding precision</li> <li>Excellent machine performance</li> </ul>
<ul style="list-style-type: none"> <li>High longitudinal flexibility</li> <li>Good flex-fatigue properties</li> </ul>	<ul style="list-style-type: none"> <li>Low energy consumption</li> <li>Long belt life</li> </ul>
<ul style="list-style-type: none"> <li>Good belt tracking</li> </ul>	<ul style="list-style-type: none"> <li>No re-adjustments required</li> </ul>
<ul style="list-style-type: none"> <li>Easy on-site joining without adhesives</li> <li>Durable joint with excellent flex-fatigue properties</li> </ul>	<ul style="list-style-type: none"> <li>Belt is easy to join on the machine - no time-consuming machine disassembly required</li> <li>Reduced machine downtime and low costs</li> <li>Long belt life</li> </ul>

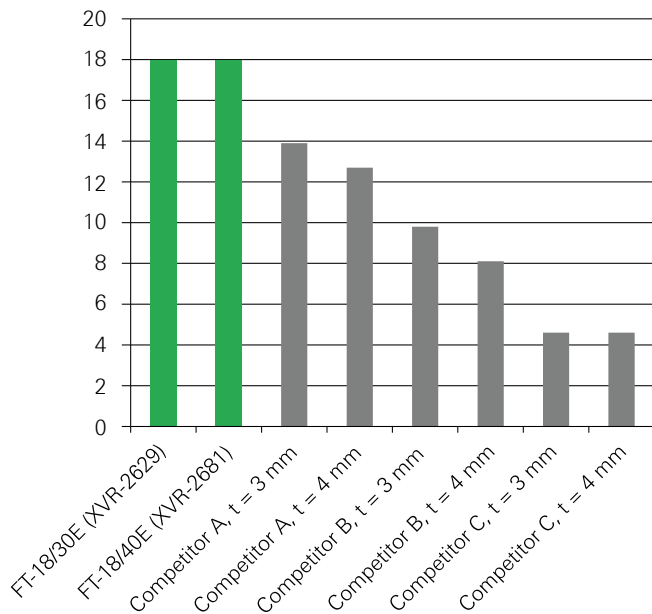
## Abrasion resistance and belt strength

**Abrasion resistance vs cardboard**  
(best rating = 10)



Habasit belts feature excellent abrasion resistance.

**$k_{1\%ari}$  in N/m**





The high belt strength  $k_{1\%ari}$  ( $k_{1\%after\ running-in}$ ) of the FT folder-gluer belts provides high uniformity of belt speed and precise folding.




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