

# Folder-Gluer Belts

## FR-10/40



### Main industry segments

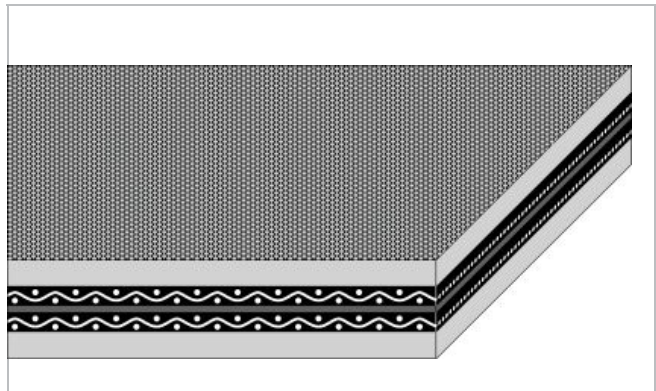
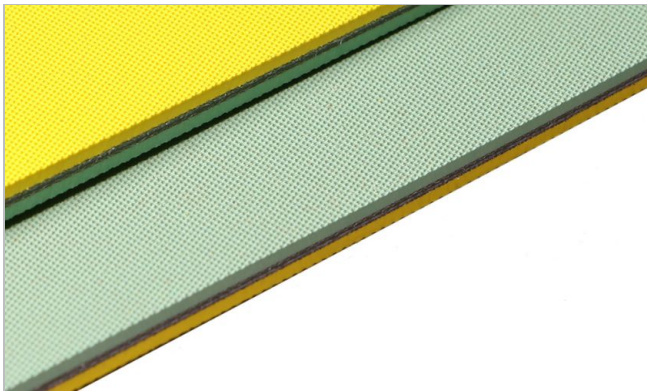
Cardboard converting, Paper manufacturing and processing

### Applications

Folder-gluer belt, Processing belt

### Special features

Abrasion resistant, Constant coefficient of friction, Forgiving in case of short term shock like overloads, Robustness



Product Construction / Design	
Conveying side material	Acrylonitrile-Butadiene-Rubber (NBR)
Conveying side surface	Rough structure
Conveying side property	Adhesive
Conveying side color	Light green
Traction layer (material)	Polyamide (PA)
Number of Fabrics	2
Pulley side material	Acrylonitrile-Butadiene-Rubber (NBR)
Pulley side surface	Rough structure
Pulley side property	Adhesive
Pulley side color	Yellow

Product characteristics	
Adhesive free joining method	No
Food suitability, FDA conformance	No
Food suitability, EU conformance	No

Technical data		
Thickness of belt	4.0 mm	0.16 inch
Mass of belt (belt weight)	4.5 kg/m <sup>2</sup>	0.922 lb/sqft
Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013)	5.0 N/mm	29 lbf/in
Min. operating temperature admissible (continuous)	0 °C	32 °F
Max. operating temperature admissible (continuous)	100 °C	212 °F
Seamless manufacturing width	1140 mm	44.88 inch

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554).

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## Joining related properties

[Link to JDS:](#)

Joining method		Thermofix 75°
Pulley diameter (minimum)	mm <i>inch</i>	40 1.57
Pulley diameter minimum with counter flection	mm <i>inch</i>	40 1.57
Slider bed suitable		No
Carrying rollers suitable		Yes

## Chemical resistance

Link to 'Chemical resistance information': <https://rims.habasit.com>

## Mode of use or conveyance

Declined, Horizontal, Inclined, Troughed, Twists, Twists with short center distance, Vertical

## Recommendation

Do not go below initial elongation (epsilon) ~ 0.5%, Install the slack belt and tension until running perfectly under the full belt load

Store spare belts in a cool and dry place and if possible in their original packaging. Protect spare belts from sunlight/UV-radiation/dust/dirt! Check Link for Storage requirements:

["https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf"](https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf)

dmin  $\geq$  50mm in case belt speed > 300m/min, Keep belt edges free of any installation/machine contact, This product has not been tested according to ATEX standards (atmospheres with explosion risk - ATEX 95 regulation or EU directive 2014/34/EU) and therefore is subject to user's analysis in the respective environment

Group	Polyamide Folder-Gluer Belts
Sub-Group	S Polyamide Folder-Gluer Belts
Item number	H950031440

## Disclaimer

### Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)

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