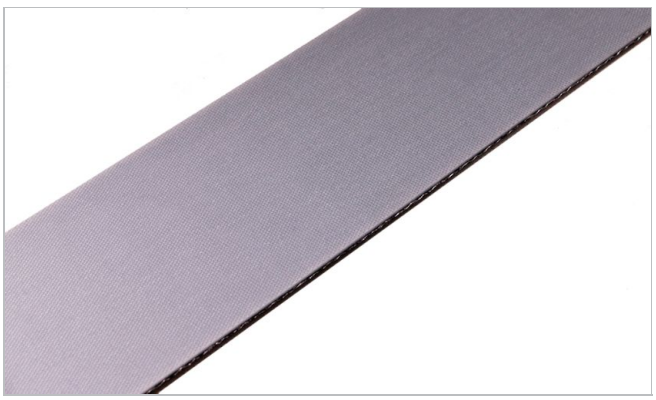
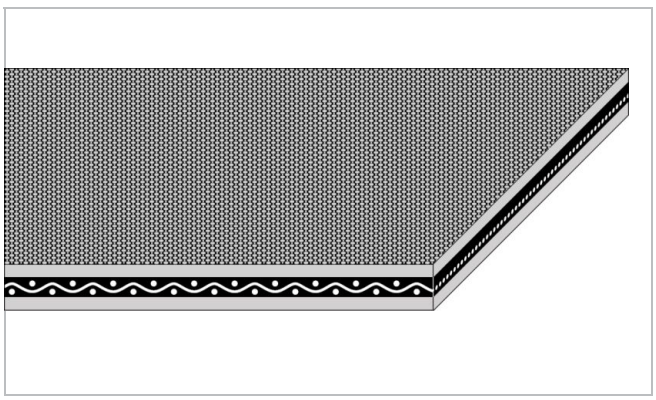
Folder-Gluer Belts
FT-18/30E

Main industry segments
Cardboard converting, Paper manufacturing and processing, Primary packaging, Secondary packaging

Applications
Folder-gluer belt

Special features
Adhesive-free joint, Constant coefficient of friction, Dimensionally stable, Longitudinal flexibility





Product Construction / Design	
Conveying side material	Thermoplastic Alloy
Conveying side surface	Rough structure
Conveying side property	Adhesive
Conveying side color	Light gray
Traction layer (material)	Polyester (PET)
Number of Fabrics	1
Pulley side material	Thermoplastic Alloy
Pulley side surface	Rough structure
Pulley side property	Adhesive
Pulley side color	Light gray

Product characteristics	
Antistatically equipped	Yes
Adhesive free joining method	Yes
Food suitability, FDA conformance	Yes - Check Document of Compliance (DoC) in our Portal
Food suitability, EU conformance	Yes - Check Document of Compliance (DoC) in our Portal

Technical data				
Thickness of belt	3.0	mm	*0.12*	*inch*
Mass of belt (belt weight)	3.2	kg/m²	*0.655*	*lb/sqft*
Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013)	18	N/mm	*103*	*lbf/in*
Min. operating temperature admissible (continuous)	0	°C	*32*	*°F*
Max. operating temperature admissible (continuous)	60	°C	*140*	*°F*
Seamless manufacturing width	1100	mm	*43.31*	*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		Flexproof 10 x 120
Pulley diameter (minimum)	mm *inch*	30 *1.18*
Pulley diameter minimum with counter flection	mm *inch*	30 *1.18*
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, Twists with short center distance, Vertical

Recommendation

Do not go below initial elongation (epsilon) ~ 0.3%, 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"

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	Polyester Folder-Gluer Belts
Sub-Group	FT Thermoplastic Folder-Gluer belts with food conformity
Item number	H950021474

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