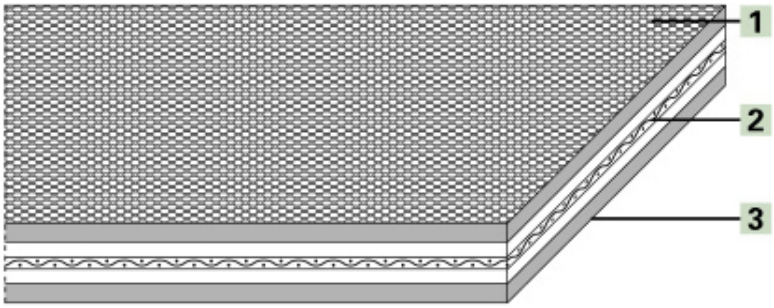
Product Data Sheet
CT-18/40E

Product Designation

Product Group:	Polyester folder-gluer belts
Product Sub-Group:	Flexfold CT (thermoplastic folder-gluer belts)
Main Industry Segments:	Box making/folder gluer; Paper converting; Paper manufacturing
Belt Applications:	Folder-gluer belt
Special Features:	Adhesive-free joint; Constant coefficient of friction; Dimensionally stable; Longitudinal flexibility
Mode of Use/Conveyance:	Declined; Horizontal; Inclined; Twists with short center distance; Vertical

Product Design (enlarged)



Product Construction/Design

1	**Conveying Side (Material):**	Acrylonitrile-Butadiene-Rubber (NBR)
1	**Conveying Side (Surface):**	Rough structure
1	**Conveying Side (Property):**	Adhesive
1	**Conveying Side (Color):**	Gray
2	**Traction Layer (Material):**	Polyester (PET) fabric
	Number of Fabrics:	1
3	**Running Side/Pulley Side (Material):**	Acrylonitrile-Butadiene-Rubber (NBR)
3	**Running Side/Pulley Side (Surface):**	Rough structure
3	**Running Side/Pulley Side Property:**	Adhesive
3	**Running Side/Pulley Side (Color):**	Gray

Product Characteristics

Slider bed suitable:	No
Carrying rollers suitable:	Yes
Troughed installation suitable:	No
Antistatically equipped:	

Technical Data

Thickness:	4.0	mm	*0.16*	*in.*
Mass of belt (belt weight):	4.0	kg/m²	*0.82*	*lbs./sq.ft*
Pulley diameter (minimum):		mm		*in.*
Pulley diameter minimum with counter flection:	40	mm	*1.6*	*in.*
Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013):	18	N/mm	*103*	*lbs./in.*
Admissible tensile force per unit of width:		N/mm		*lbs./in.*
Operating temperature admissible (continuous):	Min 0 Max 60	°C °C	*Min 32* *Max 140*	*°F* *°F*
Coefficient of friction of driving pulley of steel:		[-]		*[-]*
Seamless manufacturing width:	1200	mm	*47*	*in.*

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

Additional Technical Information

Chemical Resistance Class:	2 (These indications are not guarantees of properties)
Installation and Handling Instructions:	Do not go below initial elongation (epsilon) ~ 0.3%; Install the slack belt and tension until running perfectly under the full belt load.
Limitations:	This product has not been tested according to ATEX standards (atmospheres with explosion risk - ATEX 95 regulation or EU directive 94/9) and therefore is subject to user's analysis in the respective environment.

Storage

For details consult 'Storage and handling requirements for belts and machine tapes' or contact Habasit.
Protect belts from sunlight/UV-radiation/dust and dirt. Store spare belts in a cool and dry place and if possible in their original packaging.

Legend

EEC	European Economic Community
NA	Not available
NAP	Not applicable

Product Liability, Application Considerations

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