

Folder-Gluer Belts CT-18/30E



Main industry segments

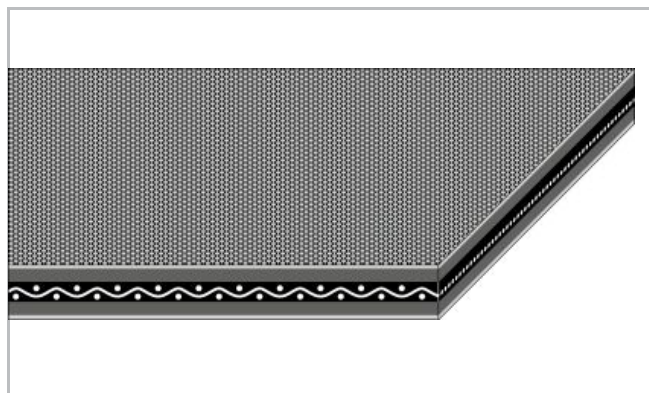
Cardboard converting, Paper manufacturing and processing

Applications

Folder-gluer belt, Live roller drive belt

Special features

Abrasion resistant, Adhesive-free joint, Constant coefficient of friction, Dimensionally stable, Longitudinal flexibility, Outstanding flex-fatigue



| Product Construction / Design | |
|-------------------------------|--------------------------------------|
| Conveying side material | Acrylonitrile-Butadiene-Rubber (NBR) |
| Conveying side surface | Rough structure |
| Conveying side property | Adhesive |
| Conveying side color | Gray |
| Traction layer (material) | Polyester (PET) |
| Number of Fabrics | 1 |
| Pulley side material | Acrylonitrile-Butadiene-Rubber (NBR) |
| Pulley side surface | Rough structure |
| Pulley side property | Adhesive |
| Pulley side color | Gray |

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

| Technical data | | |
|--|-----------------------|---------------|
| Thickness of belt | 3.0 mm | 0.12 inch |
| Mass of belt (belt weight) | 3.0 kg/m ² | 0.614 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 | 1200 mm | 47 inch |

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

Joining related properties

[Link to JDS:](#)

| Joining method | | Flexproof 10 x 80 |
|---|-------------------|----------------------|
| Pulley diameter (minimum) | mm <i>inch</i> | 30 <i>1.18</i> |
| Pulley diameter minimum with counter flection | mm <i>inch</i> | 30 <i>1.18</i> |
| Carrying rollers suitable | | Yes |

Chemical resistance

Link to 'Chemical resistance information': <http://www.habasit.com/en/chemical-resistance.htm>

Mode of use or conveyance

Declined, Horizontal, Inclined, Twists, 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

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.

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 | CT Polyester Folder Gluer Belts |
| Item number | H010102855 |

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