

Main industry segments

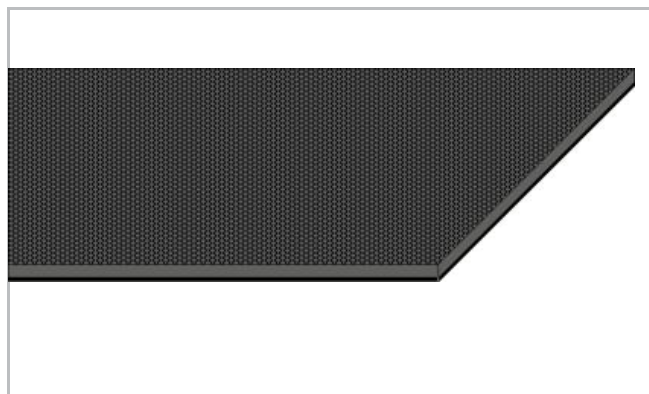
Biscuit and Crackers, Chocolate, Convenience food, Frozen food, Poultry, Primary food packaging, Ready meals, Red meat

Applications

Diverting belt, Packaging belt, Weighing belt

Special features

Abrasion resistant, Edges wear resistant, Elastic, Flexibility in all directions, Hydrolysis resistant, Monolithic Belt, Oil and fat resistant, Small pulley diameter suitable



| Product Construction / Design | |
|-------------------------------|----------------------------------|
| Conveying side material | Thermoplastic polyurethane (TPU) |
| Conveying side surface | Fine textile structure |
| Conveying side property | Non-adhesive |
| Conveying side color | Cobalt blue |
| Traction layer (material) | Thermoplastic polyurethane (TPU) |
| Number of Fabrics | 0 |
| Pulley side material | Thermoplastic polyurethane (TPU) |
| Pulley side surface | Fine textile structure |
| Pulley side property | Non-adhesive |
| Pulley side color | Black |

| Product characteristics | |
|--|--|
| Antistatically equipped | Yes - fulfills EN 12882 |
| Adhesive free joining method | Yes |
| Flammability | No specific flammability prevention property |
| Food suitability, FDA conformance | Yes - acc. to 21CFR parts 170 - 199. Details/restrictions see Habasit food compliance declaration. |
| Food suitability, USDA recommendations | No use intended |
| Food suitability, EU conformance | Yes - acc. to Regulation (EC) No. 1935/2004 as well as Regulation (EU) No. 10/2011 and/or other relevant food contact legislation. Details/restrictions see Habasit food compliance declaration. |

| Technical data | | |
|--|-----------------------|---------------|
| Thickness of belt | 1.10 mm | 0.04 inch |
| Mass of belt (belt weight) | 1.1 kg/m ² | 0.225 lb/sqft |
| Tensile force for 8% elongation (k8% static) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181): | 1.5 N/mm | 9 lbf/in |
| Tensile force for 8% elongation after relaxation (k8% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181): | 1.0 N/mm | 6 lbf/in |
| Min. operating temperature admissible (continuous) | -30 °C | -22 °F |
| Max. operating temperature admissible (continuous) | 60 °C | 140 °F |
| Coefficient of friction (running side / steel driving pulley) | 0.30 - | |
| Coefficient of friction (running side / driving pulley with friction cover) | 0.40 - | |
| Coefficient of friction (running side / pickled steel slider bed) | 0.35 - | |
| Coefficient of friction (running side / phenolic resin slider bed) | 0.35 - | |
| Coefficient of friction (running side / stainless steel slider bed) | 0.35 - | |
| Seamless manufacturing width | 1500 mm | 59 inch |

Joining related properties

| Joining method | |
|------------------|---|
| Quickmelt | Master joining method for standard applications |
| Flexproof 8 x 30 | Optional joining method |

[Link to JDS:](#)

| Joining method | | Quickmelt | Flexproof 8 x 30 |
|--|----------------|------------|---------------------|
| Pulley diameter (minimum) | mm inch | 15 0.59 | 15 0.59 |
| Pulley diameter minimum with counter flection | mm inch | 15 0.59 | 15 0.59 |
| Admissible tensile force per unit of width | N/mm lbf/in | 1.3 7 | 1.3 7 |
| Admissible tensile force per unit of width at max. operating temperature | N/mm lbf/in | 1.3 7 | 1.3 7 |
| Slider bed suitable | | Yes | Yes |
| Carrying rollers suitable | | Yes | Yes |
| Troughed installation suitable | | Yes | Yes |
| Power turns / curved installations | | No | No |
| Nosebar suitable | | No | No |
| Metal detector suitable | | Yes | Yes |

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

Chemical resistance

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

Mode of use or conveyance

Horizontal

Calculations

For most applications calculation is not required. Should you still need a calculation: please ask Habasit.

Recommendation

Elastic belt: Initial elongation depends on belt load and application

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 | TPU Belts |
| Sub-Group | General Purpose Belts |
| Item number | H700016168 |

Disclaimer

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