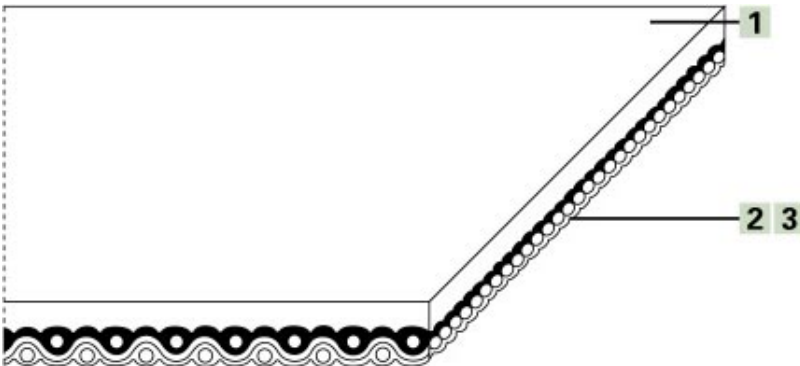


## Product Designation

|                                |  |
|--------------------------------|--|
| <b>Product Group:</b>          | TPU food conveyor and processing belts   |
| <b>Product Sub-Group:</b>      | Food conveyor belts  |
| <b>Main Industry Segments:</b> | Food conveying/processing in general; Food unwrapped/open; Frozen food                 |
| <b>Belt Applications:</b>      | Discharging belt; General conveying belt; Packaging belt; Transfer belt; Weighing belt |
| <b>Special Features:</b>       | Easy release property; Flexibility   |
| <b>Mode of Use/Conveyance:</b> | Accumulation; Horizontal   |

## Product Design (enlarged)



## Product Construction/Design

|   |                                  |
|---|----------------------------------|
| <b>1 Conveying Side (Material):</b>           | Thermoplastic polyurethane (TPU) |
| <b>1 Conveying Side (Surface):</b>            | Smooth                           |
| <b>1 Conveying Side (Property):</b>           | Non-adhesive                     |
| <b>1 Conveying Side (Color):</b>              | White                            |
| <b>2 Traction Layer (Material):</b>           | Polyester (PET) fabric           |
| <b>Number of Fabrics:</b>                     | 1                                |
| <b>3 Running Side/Pulley Side (Material):</b> | Polyester (PET) fabric           |
| <b>3 Running Side/Pulley Side (Surface):</b>  | Impregnated fabric               |
| <b>3 Running Side/Pulley Side (Color):</b>    | Light gray                       |

## Product Characteristics

|   |  |
|---|--|
| <b>Slider bed suitable:</b>               | Yes  |
| <b>Carrying rollers suitable:</b>         | No   |
| <b>Troughed installation suitable:</b>    | No   |
| <b>Power turns, curved installations:</b> | No   |
| <b>Nosebar suitable:</b>                  | Yes  |
| <b>Low noise applications:</b>            | No   |
| <b>Antistatically equipped:</b>           | Yes  |
| <b>Metal detector suitable:</b>           | No   |
| <b>Flammability:</b>                      | No specific flammability prevention property   |
| <b>Food suitability FDA:</b>              | Yes - acc. to 21CFR parts 170 - 199. Contact your Habasit representative for detailed information.   |
| <b>Food suitability USDA:</b>             | No use intended  |
| <b>Food suitability EU:</b>               | Yes - acc. to Regulation (EC) No. 1935/2004 and Regulation (EU) No 10/2011 as amended. Contact your Habasit representative for detailed information. |
| <b>Other conformance/approval:</b>        | JFRL passed  |

## Technical Data

|   |                         |                        |
|---|-------------------------|------------------------|
| <b>Thickness:</b>   | 0.6 mm                  | 0.02 in.               |
| <b>Mass of belt (belt weight):</b>  | 0.7 kg/m <sup>2</sup>   | 0.14 lbs./sq.ft        |
| <b>Nosebar Radius (minimum):</b>  | 4 mm                    | 0.16 in.               |
| <b>Pulley diameter minimum without or with counter flection:</b>  | 15 mm                   | 0.6 in.                |
| <b>Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-064):</b>                                  | 4 N/mm                  | 23 lbs./in.            |
| <b>Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):</b> | 3.5 N/mm                | 20 lbs./in.            |
| <b>Admissible tensile force per unit of width:</b>  | 3 N/mm                  | 17 lbs./in.            |
| <b>Operating temperature admissible (continuous):</b>   | Min -15 °C<br>Max 80 °C | Min 5 °F<br>Max 176 °F |
| <b>Coefficient of friction on slider bed of pickled steel sheet:</b>  | 0.20 [-]                | 0.2 [-]                |
| <b>Seamless manufacturing width:</b>  | 4000 mm                 | 157 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

|  |   |
|--|---|
| <b>Chemical Resistance Class:</b>              | 6 (These indications are not guarantees of properties)  |
| <b>Installation and Handling Instructions:</b> | Do not go below initial elongation (epsilon) ~ 0.3%; Install the slack belt and tension until running perfectly under the full belt load.   |
| <b>Limitations:</b>                            | 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

|             |   |
|-------------|---|
|             | German federal institute for risk assessment (Bundesinstitut fuer Risikobewertung)            |
| <b>EEC</b>  | European Economic Community   |
| <b>EU</b>   | European Union (Directive 2002/72/EC)   |
| <b>FDA</b>  | Food and Drug Administration  |
| <b>NA</b>   | Not available   |
| <b>NAP</b>  | Not applicable  |
| <b>USDA</b> | United States Department of Agriculture (Food Safety and Inspection Service, Washington D.C.) |
| <b>JFRL</b> | Japan Food Research Laboratory  |

## Disclaimer

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