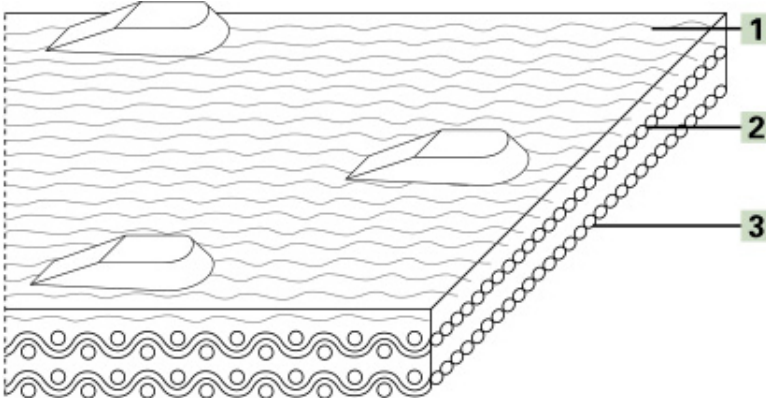


Product Designation

| | |
|--------------------------------|--|
| Product Group: | TPEE conveyor and processing belts |
| Product Sub-Group: | P line tobacco conveyor and processing belts |
| Main Industry Segments: | Tobacco |
| Belt Applications: | Conveyor belt |
| Special Features: | Abrasion resistant; Chemical resistant; Dimensionally stable; Heat resistant; Hydrolysis resistant |
| Mode of Use/Conveyance: | Horizontal; Inclined |

Product Design (enlarged)



Product Construction/Design

| | |
|---|----------------------------------|
| 1 Conveying Side (Material): | Copolyester thermoplastic (TPEE) |
| 1 Conveying Side (Surface): | Tear drop structure |
| 1 Conveying Side (Property): | Non-adhesive |
| 1 Conveying Side (Color): | Off-white |
| 2 Traction Layer (Material): | Polyester (PET) fabric |
| Number of Fabrics: | 2 |
| 3 Running Side/Pulley Side (Material): | Polyester (PET) fabric |
| 3 Running Side/Pulley Side (Surface): | Impregnated fabric |
| 3 Running Side/Pulley Side (Color): | Off-white |

Product Characteristics

| | |
|---|---|
| Slider bed suitable: | Yes |
| Carrying rollers suitable: | Yes |
| Power turns, curved installations: | No |
| Nosebar suitable: | No |
| Antistatically equipped: | Yes |
| Metal detector suitable: | Yes |
| Flammability: | No specific flammability prevention property |
| Food suitability FDA: | Yes (according to 21 CFR part/section 177.1590 with the restriction to dry food only 21 CFR part/section 176/170 table I type VIII) |
| Food suitability USDA: | No use intended |
| Food suitability EU: | No |
| Other conformance/approval: | Pyrolysis conformable (for tobacco applications). |

Technical Data

| | | |
|---|--------------------------|--------------------------|
| Thickness: | 4.5 mm | 0.18 in. |
| Mass of belt (belt weight): | 3.3 kg/m ² | 0.68 lbs./sq.ft |
| Nosebar Radius (minimum): | NA mm | in. |
| Pulley diameter (minimum): | 96 mm | 3.8 in. |
| Pulley diameter minimum with counter flexion: | 96 mm | 3.8 in. |
| Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.111): | 12 N/mm | 69 lbs./in. |
| Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181): | 7.5 N/mm | 43 lbs./in. |
| Admissible tensile force per unit of width: | 12 N/mm | 69 lbs./in. |
| Operating temperature admissible (continuous): | Min -30 °C Max 100 °C | Min -22 °F Max 212 °F |
| Coefficient of friction on slider bed of pickled steel sheet: | 0.30 [-] | 0.3 [-] |
| Seamless manufacturing width: | 3200 mm | 126 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: | 9 (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

| | |
|------|---|
| * | No calculation Value |
| 2) | Product containing different coating materials such as elastomer, natural fibers, silicones, etc., are not subject to the directive 2002/72/EC |
| 8) | Due to high coefficient of friction of running/pulley side, the suitability for use on slider beds is limited German federal institute for risk assessment (Bundesinstitut fuer Risikobewertung) |
| EEC | European Economic Community |
| EU | European Union (Directive 2002/72/EC) |
| FDA | Food and Drug Administration |
| NA | Not available |
| NAP | Not applicable |
| USDA | United States Department of Agriculture (Food Safety and Inspection Service, Washington D.C.) |

Product Liability, Application Considerations

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