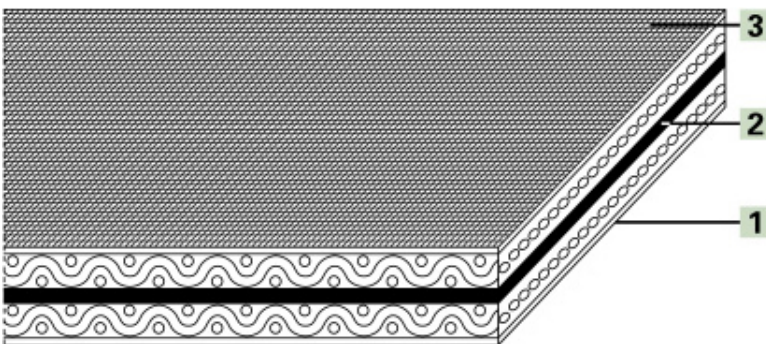


Product Designation

| | |
|--------------------------------|--|
| Product Group: | Polyamide machine tapes |
| Main Industry Segments: | Paper manufacturing and processing |
| Belt Applications: | Machine tape |
| Special Features: | Abrasion resistant; Constant coefficient of friction; Constant grip and release property; Forgiving in case of short term shock like overloads |
| 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): | Green |
| 2 Traction Layer (Material): | Polyamide (PA) |
| Number of Fabrics: | 2 |
| 3 Running Side/Pulley Side (Material): | Acrylonitrile-Butadiene-Rubber (NBR) |
| 3 Running Side/Pulley Side (Surface): | Impregnated fabric |
| 3 Running Side/Pulley Side Property: | Non-adhesive |
| 3 Running Side/Pulley Side (Color): | Green |

Product Characteristics

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

Technical Data

| | | |
|---|--------------------------|-------------------------|
| Thickness: | 0.7 mm | 0.03 in. |
| Mass of belt (belt weight): | 0.7 kg/m ² | 0.14 lbs./sq.ft |
| Pulley diameter minimum with counter flexion: | 20 mm | 0.8 in. |
| Tensile force for 1% elongation (k1% static) per unit of width (Habasit Standard SOP3-155 / EN ISO21181): | 5.5 N/mm | 31 lbs./in. |
| Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181): | 1.9 N/mm | 11 lbs./in. |
| Operating temperature admissible (continuous): | Min -20 °C Max 100 °C | Min -4 °F Max 212 °F |
| Coefficient of friction of driving pulley of steel: | 0.15 [-] | 0.15 [-] |
| 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) ~0.5%.; Install the slack belt and tension until running perfectly under the full belt load. |
| Limitations: | Keep belt edges free of any installation/machine contact; 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 |
| 3) | CLA: Coordination of the centre line-average value Ra (in the US also Arithmetical Average (AA)) to the maximum peak to valley height Rt for surfaces manufactured by chip removal. |
| 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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