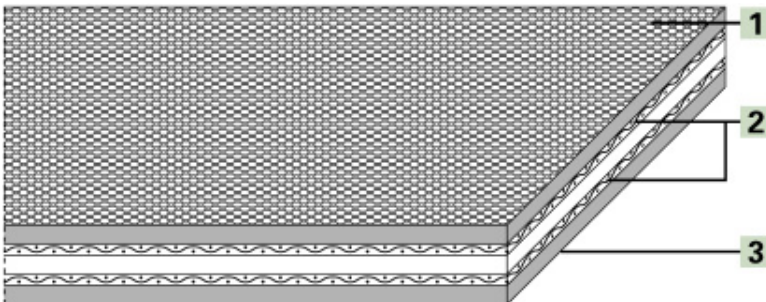


Product Designation

| | |
|--------------------------------|--|
| Product Group: | Polyamide folder-gluer belts |
| Product Sub-Group: | Habidur Polyamide folder-gluer belts |
| Main Industry Segments: | Paper converting; Box making/folder gluer; Paper manufacturing |
| Belt Applications: | Folder-gluer belt |
| Special Features: | 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; Vertical |

Product Design (enlarged)



Product Construction/Design

| | |
|---|-------------------------|
| 1 Conveying Side (Material): | Habidur (Rubber) |
| 1 Conveying Side (Surface): | Rough textile 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): | Habidur (Rubber) |
| 3 Running Side/Pulley Side (Surface): | Rough structure |
| 3 Running Side/Pulley Side Property: | Adhesive |
| 3 Running Side/Pulley Side (Color): | Dark green |

Product Characteristics

| | |
|--|-----|
| Slider bed suitable: | No |
| Carrying rollers suitable: | Yes |
| Troughed installation suitable: | No |
| Permanently antistatic: | Yes |

Technical Data

| | | |
|---|------------------------|-------------------------|
| Thickness: | 6.0 mm | 0.24 in. |
| Mass of belt (belt weight): | 7.6 kg/m ² | 1.56 lbs./sq.ft |
| Pulley diameter (minimum): | 63 mm | 2.5 in. |
| Pulley diameter minimum with counter flexion: | 63 mm | 2.5 in. |
| Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard 320.013): | 7.5 N/mm | 43 lbs./in. |
| Admissible tensile force per unit of width: | 16.0 N/mm | 91 lbs./in. |
| Operating temperature admissible (continuous): | Min 0 °C Max 100 °C | Min 32 °F Max 212 °F |
| Coefficient of friction of driving pulley of steel: | 0.7* [-] | 0.7 [-] |
| 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 tension (epsilon) ~1.0%; 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. |

Legend

| | |
|-----|---|
| * | No calculation Value |
| 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 |
| EEC | European Economic Community |
| NA | Not available |
| NAP | Not applicable |

Product Liability, Application Considerations

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