

### Main industry segments

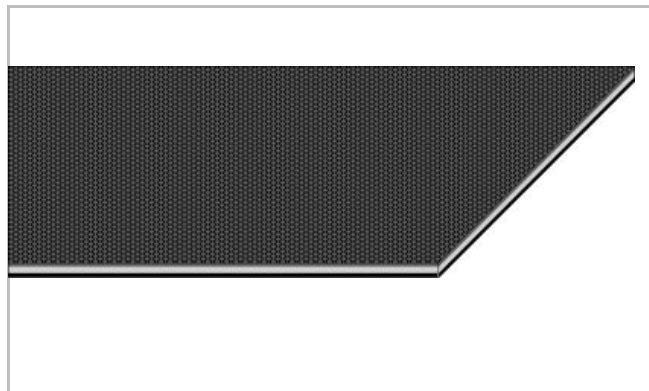
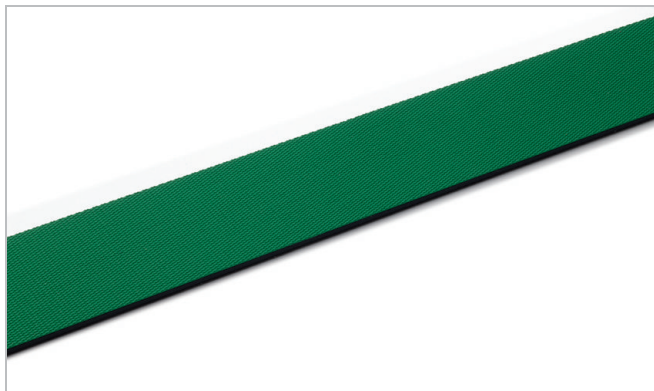
Paper converting, Paper printing and finishing, Postal/mail sorting

### Applications

Machine tape

### Special features

Abrasion resistant, Abrasion resistant on both sides, Constant and gentle positive grip, Dimensionally stable, Elastic



| Product Construction / Design |                                      |
|-------------------------------|--------------------------------------|
| Conveying side material       | Acrylonitrile-Butadiene-Rubber (NBR) |
| Conveying side surface        | Rough structure                      |
| Conveying side property       | Adhesive                             |
| Conveying side color          | Green                                |
| Traction layer (material)     | Hamid                                |
| Number of Fabrics             | 0                                    |
| Pulley side material          | Acrylonitrile-Butadiene-Rubber (NBR) |
| Pulley side surface           | Rough structure                      |
| Pulley side property          | Adhesive                             |
| Pulley side color             | Black                                |

| Product characteristics      |     |
|------------------------------|-----|
| Antistatically equipped      | Yes |
| Adhesive free joining method | Yes |

| Technical data   |                       |               |
|--|-----------------------|---------------|
| Thickness of belt  | 1.40 mm               | 0.06 inch     |
| Mass of belt (belt weight)   | 1.4 kg/m <sup>2</sup> | 0.287 lb/sqft |
| Tensile force for 8% elongation (k8% static) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):                   | 0.90 N/mm             | 5 lbf/in      |
| Tensile force for 8% elongation after relaxation (k8% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181): | 0.60 N/mm             | 3 lbf/in      |
| Min. operating temperature admissible (continuous)   | -20 °C                | -4 °F         |
| Max. operating temperature admissible (continuous)   | 60 °C                 | 140 °F        |
| Seamless manufacturing width   | 1200 mm               | 47 inch       |

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

### Joining related properties

Link to JDS:

<http://pdchmp04.habasit.com/HNET/fabren.nsf/vwGetJDS?OpenView&productCode=MAT-02H>

| Joining method                               | Unit              | Quickmelt         | Flexproof<br>8 x 30 | Quickmelt |
|--|-------------------|-------------------|---------------------|-----------|
| Pulley diameter (minimum)                    | mm<br><i>inch</i> | 15<br><i>0.59</i> |                     |           |
| Pulley diameter minimum with counter flecion | mm<br><i>inch</i> | 15<br><i>0.59</i> |                     |           |
| Slider bed suitable                          |                   | No                |                     |           |
| Troughed installation suitable               |                   | No                |                     |           |

### Chemical resistance

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

### Mode of use or conveyance

Declined, Horizontal, Inclined, Twists, Twists with short center distance, Vertical

### 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, Initial elongation between 3 to 8% is recommended

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.

|                       |                     |
|-----------------------|---------------------|
| Group                 | Hamid Machine Tapes |
| Sub-Group             | -                   |
| Item number           | H010100267          |
| Customs tariff number | 40101200            |

### Disclaimer

#### Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)

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