

# Processing Belts

## XVR-1038



### Applications

Coil winding for sheet metal

### Special features

Abrasion resistant, Chemical resistant, Dimensionally stable

| Product Construction / Design |                                      |
|-------------------------------|--------------------------------------|
| Conveying side material       | Polyamide (PA) fabric                |
| Conveying side surface        | Rough structure                      |
| Conveying side property       | Non-adhesive                         |
| Conveying side color          | White                                |
| Traction layer (material)     | Polyamide (PA)                       |
| Number of Fabrics             | 2                                    |
| Pulley side material          | Acrylonitrile-Butadiene-Rubber (NBR) |
| Pulley side surface           | Sand finish                          |
| Pulley side color             | Green                                |

| Product characteristics                |  |
|--|--|
| Antistatically equipped                | No   |
| Adhesive free joining method           | No   |
| Flammability                           | No specific flammability prevention property |
| Food suitability, FDA conformance      | No   |
| Food suitability, USDA recommendations | No use intended                              |
| Food suitability, EU conformance       | No   |

| Technical data  |      |                   |               |
|---|------|-------------------|---------------|
| Thickness of belt   | 4.0  | mm                | 0.16 inch     |
| Mass of belt (belt weight)  | 4.3  | kg/m <sup>2</sup> | 0.881 lb/sqft |
| Min. operating temperature admissible (continuous)                          | -20  | °C                | -4 °F         |
| Max. operating temperature admissible (continuous)                          | 100  | °C                | 212 °F        |
| Coefficient of friction (running side / steel driving pulley)               | 0.25 | -                 |               |
| Coefficient of friction (running side / driving pulley with friction cover) | 0.35 | -                 |               |
| Seamless manufacturing width  | 1200 | mm                | 47 inch       |

# Processing Belts

## XVR-1038



### Joining related properties

| Joining method |   |
|----------------|---|
| Thermofix      | Master joining method for standard applications |

[Link to JDS:](#)

| Joining method                                |      | Thermofix |
|---|------|-----------|
| Pulley diameter (minimum)                     | mm   | 250       |
|   | inch | 9.84      |
| Pulley diameter minimum with counter flection | mm   | 250       |
|   | inch | 9.84      |
| Slider bed suitable                           |      | Yes       |
| Carrying rollers suitable                     |      | Yes       |
| Nosebar suitable                              |      | No        |
| Metal detector suitable                       |      | Yes       |

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

# Processing Belts

## XVR-1038



### Chemical resistance

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

### Mode of use or conveyance

Horizontal

### Calculations

For most applications calculation is not required. Should you still need a calculation: please ask Habasit.

### Recommendation

Do not go below initial elongation (epsilon) ~ 0.3%, Install the slack belt and tension until running perfectly under the full belt load

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.

This product has not been tested according to ATEX standards (atmospheres with explosion risk - ATEX 95 regulation or EU directive 2014/34/EU) and therefore is subject to user's analysis in the respective environment

|             |                                   |
|-------------|-----------------------------------|
| Group       | Elastomer Covered Conveying Belts |
| Sub-Group   | -                                 |
| Item number | H010100378                        |

### Disclaimer

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

This disclaimer is made by and on behalf of Habasit and its affiliated companies, directors, employees, agents and contractors (hereinafter collectively "HABASIT") with respect to the products referred to herein (the "Products"). SAFETY WARNINGS SHOULD BE READ CAREFULLY AND ANY RECOMMENDED SAFETY PRECAUTIONS BE FOLLOWED STRICTLY! Please refer to the Safety Warnings herein, in the Habasit catalogue as well as installation and operating manuals. All indications / information as to the application, use and performance of the Products are recommendations provided with due diligence and care, but no representations or warranties of any kind are made as to their completeness, accuracy or suitability for a particular purpose. The data provided herein are based on laboratory application with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experience may lead to re-assessments and modifications within a short period of time and without prior notice. EXCEPT AS EXPLICITLY WARRANTED BY HABASIT, WHICH WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, THE PRODUCTS ARE PROVIDED "AS IS". HABASIT DISCLAIMS ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE, ALL OF WHICH ARE HEREBY EXCLUDED TO THE EXTENT ALLOWED BY APPLICABLE LAW. BECAUSE CONDITIONS OF USE IN INDUSTRIAL APPLICATION ARE OUTSIDE OF HABASIT'S CONTROL, HABASIT DOES NOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS, INCLUDING INDICATIONS ON PROCESS RESULTS AND OUTPUT.