

# V-Shaped monolithic belts

## E-VC-K

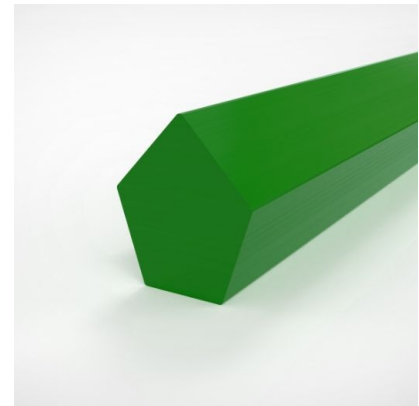


### Main applications

Habipur Crested V- belts are pentagonal profiles that are used in linear conveyors especially in ceramic and material handling industries in case a minimum contact with the conveyed goods is required. Available also in the reinforced version (VS), for heavier applications.

### Description

Highly flexible crested V-shaped TPU belts running over pulleys compliant with DIN2215. High abrasion and chemical resistance. Very good weldability.



### Product data

| Technical data                                     |               |
|--|---------------|
| Material type                                      | TPU Polyester |
| Hardness   | 90 ShA        |
| Temperature correction factor                      | 0.85          |
| Min. operating temperature admissible (continuous) | -20 °C        |
| Max. operating temperature admissible (continuous) | 50 °C         |
| Coefficient of friction on steel                   | 0.15          |

| Code           | Item number | Color | Food grade | Width | Height | Weight |        |
|----------------|-------------|-------|------------|-------|--------|--------|--------|
|                |             |       |            | mm    | mm     | kg/m   | lbs/ft |
| E-VC17-KG-C100 | H090033317  | Green | No         | 17.0  | 20.0   | 0.27   | 0.18   |
| E-VC22-KG-C30  | H090033322  | Green | No         | 22.0  | 28.0   | 0.47   | 0.32   |

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554). Limited representative testing based on a standard configuration is carried out to estimate minimum pulley diameters. Please contact Habasit for specific guidance regarding non-standard applications, including, but not exclusively, when profiles or cleats are used, or if the belt working temperature is close to the limits listed in this document.

| Code           | Nominal peripheral force | Minimum pulley diameter running side |
|----------------|--------------------------|--------------------------------------|
|                | N                        | mm                                   |
| E-VC17-KG-C100 | 340                      | 175                                  |
| E-VC22-KG-C30  | 410                      | 225                                  |

### Chemical resistance

Link to 'Chemical resistance information': <https://rims.habasit.com>

### Recommendation

General dimensional tolerance:  $\pm 3\%$  or  $\pm 0.20$  mm (whichever is greater).

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