

V-Shaped monolithic belts

E-VT-K+G

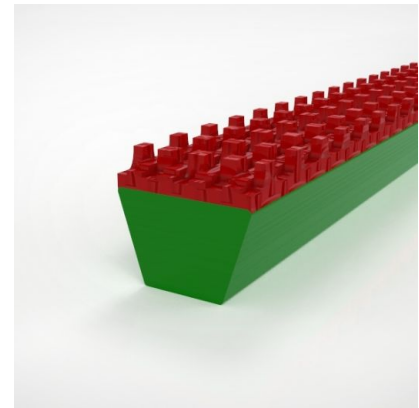


Main applications

Habipur V- belts are trapezoidal profiles that are used in linear conveyors especially in ceramic and material handling industries. Available also in the reinforced version (Habipur E-VR), for heavier applications.

Description

Highly flexible 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 |
| Geometry option | NBR Grip Top |
| 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-VT10-KG-C50+G | H090033410 | Green | No | 10.0 | 6.0 | 0.06 | 0.04 |
| E-VT13-KG-C50+G | H090033413 | Green | No | 13.0 | 8.0 | 0.10 | 0.07 |
| E-VT17-KG-C50+G | H090033417 | Green | No | 17.0 | 11.0 | 0.17 | 0.11 |
| E-VT22-KG-C50+G | H090033422 | Green | No | 22.0 | 14.0 | 0.28 | 0.19 |

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-VT10-KG-C50+G | 40 | 65 |
| E-VT13-KG-C50+G | 50 | 75 |
| E-VT17-KG-C50+G | 120 | 85 |
| E-VT22-KG-C50+G | 160 | 130 |

Chemical resistance

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

Recommendation

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

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