

V-Shaped monolithic belts

E-VR-L

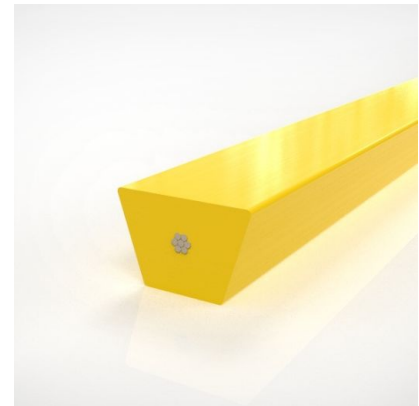


Main applications

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 | 85 ShA |
| Geometry Option | Custom |
| 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 | Package | Quantity | Units | Weight |
|----------------|-------------|--------|------------|-------|--------|---------|----------|-------|--------|
| | | | | mm | mm | | | | |
| kg | | | | | | | | | |
| E-VR13-LY-C100 | H090033713 | Yellow | No | 13.0 | 8 | Coil | 100 | M | 0.098 |
| E-VR17-LR-C50 | H090033724 | Red | No | 17.0 | 11 | Coil | 50 | M | 0.178 |
| E-VR17-LY-C50 | H090033717 | Yellow | No | 17.0 | 11 | Coil | 50 | M | 0.178 |
| E-VR22-LR-C50 | S090033723 | Red | No | 22.0 | 14 | Coil | 50 | M | 0.290 |
| E-VR22-LY-C50 | H090033722 | Yellow | No | 22.0 | 14 | Coil | 50 | M | 0.290 |

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-VR13-LY-C100 | 70 | 45 |
| E-VR17-LR-C50 | | |
| E-VR17-LY-C50 | 270 | 70 |
| E-VR22-LR-C50 | | |
| E-VR22-LY-C50 | 460 | 95 |

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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