

# V-Shaped monolithic belts

## E-VT-K

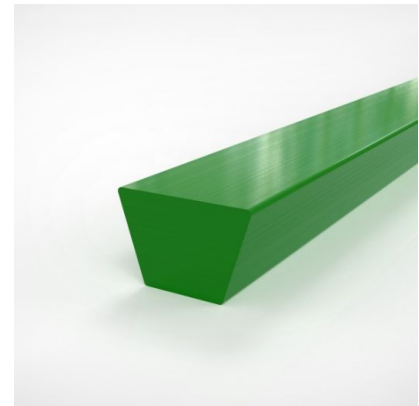


### Main applications

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
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-C200	H090033110	Green	No	10.0	6.0	0.06	0.04
E-VT13-KG-C100	H090033113	Green	No	13.0	8.0	0.10	0.07
E-VT13-KR-C100	S090033114	Red	No	13.0	8.0	0.10	0.07
E-VT17-KG-C50	H090033117	Green	No	17.0	11.0	0.17	0.11
E-VT17-KR-C50	S090033118	Red	No	17.0	11.0	0.17	0.11
E-VT22-KG-C50	H090033122	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-C200	40	55
E-VT13-KG-C100	70	65
E-VT13-KR-C100		
E-VT17-KG-C50	130	80
E-VT17-KR-C50		
E-VT22-KG-C50	240	130

### 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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