

V-Shaped monolithic belts

E-VR-L

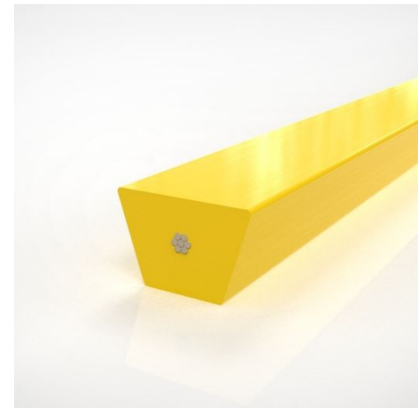


Main applications

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	Weight	
				mm	mm	kg/m	lbs/ft
E-VR13-LY-C100	H090033713	Yellow	No	13.0	8.0	0.10	0.07
E-VR17-LR-C50	H090033724	Red	No	17.0	11.0	0.18	0.12
E-VR17-LY-C50	H090033717	Yellow	No	17.0	11.0	0.18	0.12
E-VR22-LR-C50	S090033723	Red	No	22.0	14.0	0.29	0.19
E-VR22-LY-C50	H090033722	Yellow	No	22.0	14.0	0.29	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-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).

Disclaimer

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