


Technical data

HEVALOID® Endless-Haul-off belts “VFFS”

We are specialists for truly endless coatings of flat, timing, as well as poly-V-belts.

Type	Timing belts	Flat belts
Carrying side	endless coating – no splice, no seam – ground surface	
Quality of rubber	NBR blue 75 ShA CR black° 70 ShA PUR green° 70 ShA NBR white* 65 ShA EPDM green* 65 ShA	NR maroon 50 ShA NR red or white* 40 ShA SI l`grey* or blue* 40 ShA SI transparent* 30 ShA
Friction Steel/PE	0.4/0.2 0.5/0.3 0.4/0.2 0.4/0.2 0.8/0.3	0.8/0.7 0.9/0.8 0.4/0.6 0.5/0.7
Properties	wear resistant, high to highest friction, UV-resistant, °antistatic, *FDA conform	
Temperature resistance	max. 80 °C	
Pulley side		
Profile	toothed profile	flat
Quality of rubber	NE, PU	
Tensile strength	Aramide, Glas fiber, Polyester, Steel cord	
Dimensions		
length	150 – 1999 mm	2000 – 9000 mm
width	max. 280 mm	max. 280 mm
thickness (d)	0.5 – 12.0 mm	1.0 – 8.0 mm
		+/- 0.5 %
		+/- 1 mm
		+/- 0.1 mm

Applications: For packaging machines, especially so-called VFFS “Vertical Form Fill and Seal” machines.

Outstanding performances:	+ lowest abrasion	➤ highest running time
	+ high coefficient of friction	➤ precision
	+ truly endless	➤ quality
	+ technical expertise	➤ customer satisfaction

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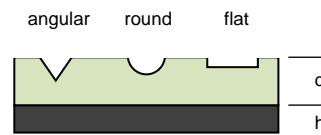
Millings of haul-off grooves

Millings increase the contact- and friction-surface between the profiles and the haul-off belts. The outcome of this is an augmented haul-off force and enables a mild drawing at smaller contact pressure. At the same time the grooves guide the profiles with precision on track.

Usually one belt per haul-off unit will be provided with a haul-off groove only.

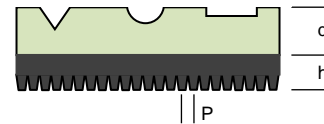
Flat belts

Hevaloid or any other external brands °



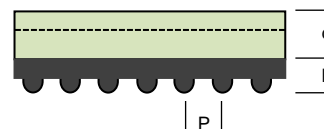
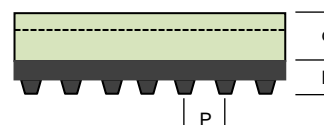
Poly-V-belts °

Profile*	Pitch (P)	Height of belt (h)
PJ	2.34 mm	3.5 mm
PK	3.56 mm	5.0 mm
PL	4.70 mm	7.0 mm



Timing belts °

Profile*	Pitch (P)	Height of belt (h)
L	9.5 mm	3.5 mm
H	12.7 mm	4.3 mm
T5	5.0 mm	2.2 mm
T10	10.0 mm	4.5 mm
3M	3.0 mm	2.4 mm
5M	5.0 mm	3.8 mm
8M	8.0 mm	5.6 mm



* further profiles, such as PH, XL, T2.5 or 5M RPP are available upon request

Thickness of coating (d)

up to 12 mm, in endless coating quality – no splice, no seam

Smallest pulley-diameter (rule of thumb)

8-12x overall thickness of belt (d+h) or
15-20x coating thickness (d)

° q.v. information of external manufacturer, e.g. Bando, Conti, Gates, Goodyear, Hutchinson, Jason, Mectrol, Mitsubishi, Optibelt.

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Common toothed profiles of the OEM

OEM	Dimension
ALTOPACK	T10/720
ASTRO	T10/700
BOSCH	T10/920
EAGLE PACK	835 5M
ESSEGI	210 L, 255 L, 300 H
FABRIMA	T10/800
FRES-CO	285 L
FUJI	560 S8M, 632 S8M
HASSIA REDATRON	225 L, 240 L
HAYSSEN	280 XL, 340 XL 720 8M, 1040 8M
ILAPAK	270 L T10/440, T10/530, T10/560, T10/690, T10/720, T10/800
IMAN PACK	300 H
ISHIDA	255 H
KLIKLOK WOODMANN	240 XL, 320 XL T10/610
KIZUI	210 L 632 S8M
KOPAS	T10/630
MATRIX PACKAGING	340 XL 800 5M, 890 5M
MESOMA	225 L, 330 H, T10/630
PACKAGE MACHINERY	Flat belt 890x65x4 mm
PACMAC	Flat belt 708x24x6 mm
RICIARELLI	Flat belt 465x45x12 mm
ROVEMA	T10/630, T10/780
SANDIACRE	225 L, 270 L
SIMIONATO	240 L, 255 L
STIAVELLI	T10/630
TNA	367 L, 368 L
TRIANGLE PACKAGING	340 XL
ULMA	T10/630
VOLPAK	T10/630
WOLF	T10/700

You can also combine a different kind of timing belt with the coating of your choice. Our sales-team is looking forward to assisting you to find a solution for your specific application.