

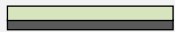
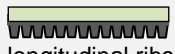


Technical data

HEVALOID® Endless-Haul-off belts «Caterpillar»

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

Type	HEVALOID V10902 blue	HEVALOID V11095 black	Ext. brands ° Flat belts			Ext. brands ° Poly-V-belts		
Carrying side	ground	ground	endless coating – no splice, no seam – ground surface					
Quality of rubber	NBR blue 75 ShA	CR black 70 ShA	NBR blue 75 ShA	CR black° 70 ShA	NBR white* 65 ShA	EPDM green* 65 ShA	NR maroon 50 ShA	NR white* red, 40 ShA
Friction Steel/PE	0.4/0.2	0.5/0.3	0.4/0.2	0.5/0.3	0.4/0.2	0.8/0.3	0.8/0.7	0.9/0.8
Properties	highly wear resistant	wear resistant, antistatic	wear resistant, high to highest friction, UV-resistant, °antistatic, *FDA conform					
Temperature resistance	80 °C	100 °C	max. 80 °C					
Pulley side Profile	 flat	 flat	 flat			 longitudinal ribs		
Tension layer	Polyester endless woven		°			°		
Quality of rubber	NBR blue 75 ShA	CR black 70 ShA	°			°		
Tensile strength, endless	3000 N/cm	3000 N/cm	°			°		
Force at 1% elongation	350 N/cm	350 N/cm	°			°		
Elongation at break	8 - 9 %	8 - 9 %	°			°		
Dimensions								
length	150 – 1999 mm	2000 – 9000 mm	+/- 0.5 %					
width	max. 280 mm	max. 280 mm	+/- 1 mm					
thickness (d)	1.0 – 12.0 mm	2.0 – 8.0 mm	+/- 0.1 mm					

° q.v. information of external manufacturer

Applications: Diverse haul-off units i.e. for extruded profiles and tubes.

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

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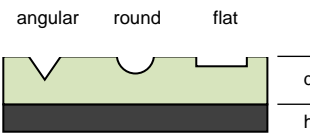
Millings of haul-off grooves

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.

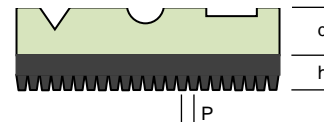
Flat belts

Hevaloid or any other external brands °



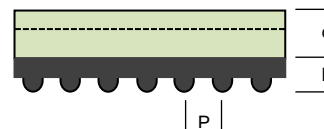
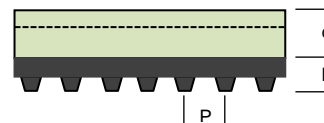
Poly-V-belts °

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.