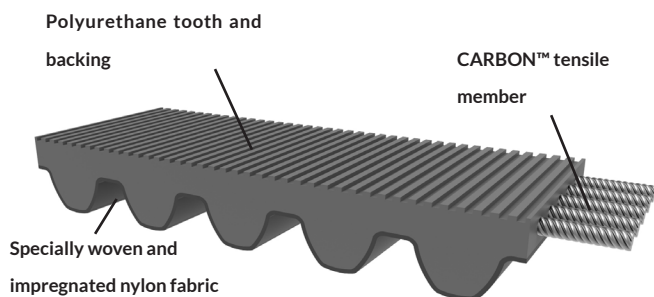


POLYCHAIN® CARBON™ VOLT® TIMING BELTS

Design & components



Available lengths and standard widths

Pitch	Length (mm)	Number of teeth	Standard widths (mm)
PC 5MGT*	300 - 815	60 - 163	9 15 25
PCV 8MGT	640 - 4.480	80 - 560	12 21 36 62
PCV 14MGT	994 - 4.410	71 - 315	37 68 90 125

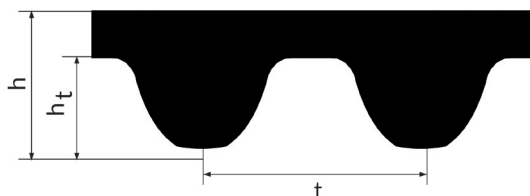
*Please note that the timing belts in pitch 5M are only available as Poly-Chain® Carbon™ and not in the electrically conductive volt version.

Dimensions

Pitch t (mm)	Total height h (mm)	Tooth height h_t (mm)	Weight per metre* (carbon cord) g/25 mm belt width
5*	3,8	1,9	87,5
8	5,9	3,4	117,5
14	10,2	6,0	197,5

Ohter geometry data based on ISO 13050 [Profile system G]

*The weight per metre may vary slightly depending on the belt design and tolerance levels.



Characteristics

Antistatic according to ISO 9563	PC 5MGT - no PCV 8MGT - yes PCV 14MGT - yes
Temperature resistance [° C]	-54 / +85

Pulley diameter

Pitch	Min. number of pulley teeth (mm)	Min. diameter of tensioning idler running on back of belt (mm)
PC 5MGT*	18	25
PCV 8MGT	22	85
PCV 14MGT	28	190

Belt tolerances

Standard belt width (mm)	Width tolerances		
	PC 5MGT*	PCV 8MGT	PCV 14MGT
12	on request	± 0,36	
20			± 0,60
21		± 0,63	
36		± 1,08	
37			± 1,11
62		± 1,86	
68			± 2,04
90			± 2,70
125			± 3,75