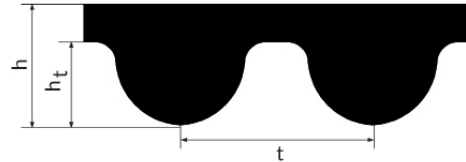
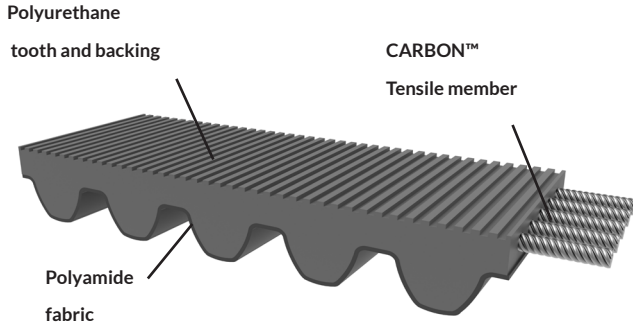


WALTHER FLENDER POLY CHAIN® GT CARBON™ LL OPEN-LENGTH TIMING BELTS

Design & Compon-



Dimensions

Pitch	Pitch t (mm)	Standard belt width (mm)	Roll length* (m)	Total height h (mm)	Tooth height h _t (mm)	Weight per metre (carbon cord)g /25 mm belt width
5M	5	12 15	30	3,81	1,93	75,0
8M	8	12 21 36	30	5,9	3,4	117,5
14M	14	20 37	30	10,2	6,0	197,5

* Further roll length on request

All divisions require timing belt pulleys with Poly Chain® tooth profile to take full advantage of power transmission, smooth running and positioning accuracy.

Belt tolerances

Width tolerances according to belt width (mm)

Pitch	12	15	20	21	36	37
5M	± 0,762	± 0,762				
8M	± 1,143			± 1,143	± 1,143	
14M			± 1,905			± 1,905

Thickness tolerances (mm)

Pitch	Thickness tolerances
5M	± 0,2
8M	
14M	

Tensile strength [N] according to belt width (mm)

Pitch	12	15	20	21	36	37
5M	5.400	6.750				
8M	7.800			14.070	24.480	
14M			23.600			44.400

Min. back idler (mm)

Pitch	Carbon cord
3M	43
5M	76
8M	165

Characteristics

Antistatic according to ISO 9563	on request
Temperature resistance [°C]	-54 / + 85