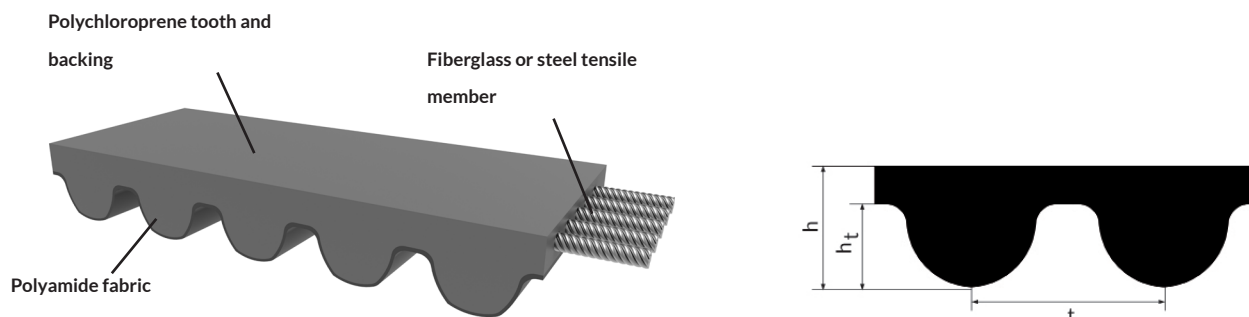


WALTHER FLENDER POWERGRIP® GT LL OPEN-LENGTH TIMING BELTS

Design & Components



Dimensions

Pitch	Pitch t (mm)	Standard belt width (mm)	Roll length* (m)	Total height h (mm)	Tooth height h _t (mm)	Weight per metre (fiberglass cord) g/25 mm belt width	
						fiberglass	steel
3M	3	6 9 15	30	2,41	1,12	53	
5M	5	10 15 25 50	30	3,81	1,92	94	112
8M	8	10 15 20 30 50 85	30	5,60	3,34	135	185

* Further roll length on request

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

Belt tolerances

Width tolerances according to belt width (mm)

Pitch	6	9	10	12	15	20	25	30	50	85
3M	± 0,8	± 0,8		± 0,8						
5M			± 0,8	+0,8 -1,2		+0,8 -1,2				
8M			+0,8 -1,2	± 1,2	± 1,2		± 1,2	+1,2 -1,6		+2,4 -2,8

Thickness tolerances (mm)

Pitch	Thickness tolerances
3M	± 0,25
5M	± 0,25
8M	± 0,25

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

Pitch	Tensile member	6	9	10	12	15	20	25	30	50	85
3M	Fiberglass	1.200	1.990		2.570	3.200					
5M	Fiberglass	2.500	3.500	4.200	5.000	6.000	8.500	10.500	12.500	21.000	
	Steel	2.299	2.874	3.449	4.024	5.174	6.898	8.623	10.348	18.396	
8M	Fiberglass			5.400		8.000	11.000	13.500	16.300	27.700	47.000
	Steel			8.092		11.328	16.184	21.039	25.894	46.932	84.154

Min. back idler (mm)

Pitch	Fiberglass cord	Steel cord
3M	18	
5M	35	65
8M	85	130

Characteristics

Antistatic according to ISO 9563	on request
Temperature resistance [°C]	-25 / + 100