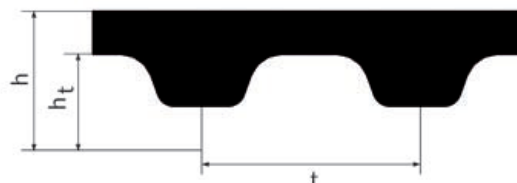
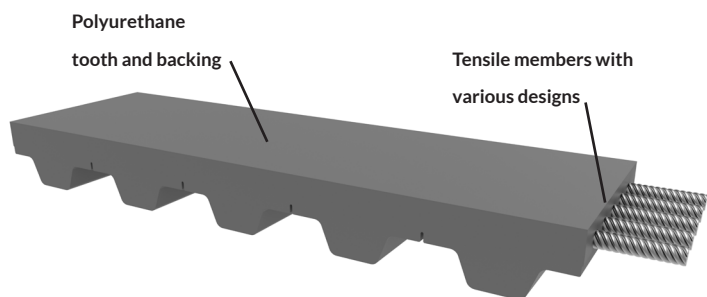


WALTHER FLENDER POLYURETHANE LL - PROFILE T OPEN-LENGTH TIMING BELTS

Design & Components



Dimensions

Pitch	Pitch t (mm)	Standard belt width (mm)	Roll length* (m)	Total height h (mm)	Tooth height ht (mm)	Weight per metre g/25 mm belt width according to tensile members			
						Steel	Aramid	Stainless steel	Steel Highly flexible(HF)
T5	5	10 16 25 32 50 75 100	100	2,2	1,2	55,0	50,0		
T10	10	12 16 25 32 40 50 75 100 150	100	4,5	2,5	110,0	90,0		117,5
T20	20	25 32 50 75 100 150	50	8,0	5,0	187,5	147,5	185,0	180,0

** Further roll length on request

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

Belt tolerances

Width tolerances according to belt width (mm)

Pitch	10	12	16	25	32	40	50	75	100	150
T5	± 0,5		± 0,5	± 0,5	± 0,5		± 0,75	± 0,75	± 0,75	
T10		± 0,5	± 0,5	± 0,5	± 0,5	± 0,5	± 0,75	± 0,75	± 0,75	± 0,75
T20				± 1,0	± 1,0		± 1,0	± 1,0	± 1,0	± 1,0

Thickness tolerances (mm)

Pitch	Thickness tolerances
T5	± 0,25
T10	
T20	

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

Pitch	Tensile member	10	12	16	25	32	40	50	75	100	150
T5	Steel	1.250		2.000	3.375	4.250		6.875	10.375	13.875	
	Aramid	3.162		5.245	8.370	10.800		17.050	25.730	34.410	
T10	Steel		2.940	4.200	7.140	9.240	11.340	14.700	22.260	29.820	44.940
	Aramid		3.601	4.980	8.085	10.500	13.259	16.709	25.333	33.957	51.205
	HF		4.340	6.200	10.540	13.640	16.740	21.700	32.860	44.020	66.340
T20	Steel				14.250	18.050		29.450	44.650	59.850	90.250
	Aramid				16.185	21.019		33.449	50.731	67.977	102.505
	Stainless Steel				10.688	13.538		22.088	33.488	44.888	67.688
	HF				12.975	16.435		26.815	40.655	54.495	82.175

Available Designs

Polyurethane & Fabric	
Antistatic	T5/T10 (Standard) T20 (on request)
EU food industry approval	T5/T10 (Standard) T20 (on request)
FDA approval	T5/T10 (Standard) T20 (on request)
Fabric on the toothed side (PAZ)	Standard
Fabric on the back (PAR)	Standard
Fabric on both sides (PAZ/PAR)	Standard