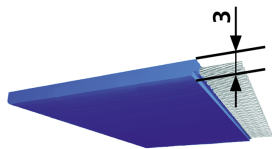


Standard



F3 PRO

Belt widths b [mm] (In-between belt widths on request)



25	50
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Available length and versions	F3 PRO	Comment
Standard lengths	rolls of 50 or 100 m	-
Cut to lengths / lengths > 100 m	on request	-
In-between belt widths / other widths	not available	only belt widths listed in the table available
minimum length endless joined (b≧100 mm)	-	-
Standard material	TPUAU1	FDA compliant
Belt colour	blue	-
Steel tension member	Standard	-
Standard lengths	rolls of 50 or 100 m	-
Cut to lengths / lengths > 100 m	on request	-
In-between belt widths / other widths	not available	only belt widths listed in the table available
minimum length endless joined (b≧100 mm)	-	-
Standard material	TPUAU1	FDA compliant
Belt colour	blue	-
Steel tension member	Standard	-

Tooth shear strength (specific belt tooth load bearing)

R.p.m. n [min-1]	F _{tspez} [N/cm]	R.p.m. n [min-1]	F _{tspez} [N/cm]	R.p.m. n [min-1]	F _{tspez} [N/cm]	R.p.m. n [min-1]	F _{tspez} [N/cm]
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F3 PRO			Admissible tensile force of the belt F_{adm} / belt weight	
	belt width	b [mm]	25	50
M	Steel tension member	F_{Tadm} [N]	7,350	14,700
	tensile force	F_{Bruch} [N]	29,400	58,800
M	Specific elasticity	C_{spez} [N]	$1.84 \cdot 10^6$	$3.68 \cdot 10^6$
	Belt weight (Standard)	[kg/m]	0.172	0.343

F3 PRO		Flexibility (Minimum number of teeth / minimum diameter)	
		Steel tension member	
		M	
	Minimum diameter without contraflexure (d_{min} [mm])	120	
	Minimum diameter with contraflexure (d_{min} [mm])	150	
	Minimum diameter of tensioning roller with contraflexure (d_{min} [mm])	150	