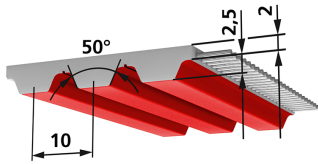


## Standard



AT10 MOV

Available length and versions	AT10 MOV	Comment
Standard lengths	rolls of 50 or 100 m	-
Cut to lengths / lengths > 100 m	on request	-
Standard material	TPUST1	Colour: white
move tension member	Steel	-
E tension member	not available	-
Stainless steel cord	not available	-
Laminate coating on the tooth side	Standard	Colour: red
Belt colour	white / red	-

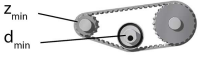

## Belt widths b [mm] (In-between belt widths on request)

25	32	50	75	100
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## 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]
0	113.2	800	80.4	2,000	62.1	5,000	41.4
20	111.5	900	78.2	2,200	60.1	5,500	39.3
40	110	1,000	76.2	2,400	58.2	6,000	37.3
60	108.6	1,100	74.4	2,600	56.4	6,500	35.4
80	107.2	1,200	72.7	2,800	54.7	7,000	33.6
100	105.8	1,300	71.1	3,000	53.1	7,500	32
200	100.1	1,400	69.6	3,200	51.7	8,000	30.4
300	95.6	1,500	68.2	3,400	50.4	8,500	29
400	91.6	1,600	66.8	3,600	49.1	9,000	27.6
500	88.4	1,700	65.6	3,800	47.9	9,500	26.4
600	85.5	1,800	64.4	4,000	46.7	10,000	25.1
700	82.7	1,900	63.1	4,500	43.9		

AT10 MOV		Admissible tensile force of the belt $F_{adm}$ / belt weight					
belt width		b [mm]	25	32	50	75	100
M	move tension member	$F_{Tadm}$ [N]	7,395	9,135	14,790	22,185	29,580
	Specific elasticity	$C_{spez}$ [N]	$1.85 \cdot 10^6$	$2.28 \cdot 10^6$	$3.70 \cdot 10^6$	$5.55 \cdot 10^6$	$7.40 \cdot 10^6$
weight		[kg/m]	0.175	0.221	0.351	0.526	0.701

AT10 MOV		Flexibility (Minimum number of teeth / minimum diameter)	
		move tension member (Standard)	
	Minimum number of teeth without contraflexure ( $z_{min}$ )	18	
	Minimum diameter of tensioning roller without contraflexure ( $d_{min}$ [mm])	60	
	Minimum number of teeth with contraflexure ( $z_{min}$ )	25	
	Minimum diameter of tensioning roller with contraflexure ( $d_{min}$ [mm])	120	