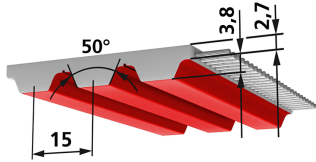


Standard



AT15 MOV

Available length and versions	AT15 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	-

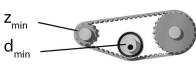
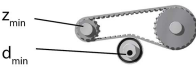
Belt widths b [mm] (In-between belt widths on request)

50	75	100	150
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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	168	600	122.685	1,600	92.927	3,200	68.856
20	165.244	700	118.457	1,700	90.899	3,400	66.674
40	162.67	800	114.643	1,800	88.972	3,600	64.607
60	160.255	900	111.17	1,900	87.135	3,800	62.644
80	157.982	1,000	107.981	2,000	85.382	4,000	60.775
100	155.833	1,100	105.033	2,200	82.094	4,500	56.462
200	146.574	1,200	102.292	2,400	79.063	5,000	52.578
300	139.098	1,300	99.732	2,600	76.25	5,500	49.047
400	132.827	1,400	97.329	2,800	73.626	6,000	45.809
500	127.427	1,500	95.066	3,000	71.168	6,500	42.819

AT15 MOV			Admissible tensile force of the belt F_{adm} / belt weight			
belt width		b [mm]	50	75	100	150
M	move tension member	F_{Tadm} [N]	18,200	27,300	36,400	54,600
	Specific elasticity	C_{spez} [N]	4.55 $\frac{1}{10}$	6.82 $\frac{1}{10}$	9.10 $\frac{1}{10}$	13.65 $\frac{1}{10}$
weight		[kg/m]	0.502	0.753	1.004	1.506

AT15 MOV		Flexibility (Minimum number of teeth / minimum diameter)	
		move tension member (Standard)	
	Minimum number of teeth without contraflexure (z_{min})	20	
	Minimum diameter of tensioning roller without contraflexure (d_{min} [mm])	100	
	Minimum number of teeth with contraflexure (z_{min})	25	
	Minimum diameter of tensioning roller with contraflexure (d_{min} [mm])	120	