

Tolerances

Nominal Diameter		Tolerances of mean diameter					
above			Applicable to any diameter including deviations from		10	± 0,06	± 0,12
abuve	up to and inc	applicable to the mean diameter	the circular shape for straight lengths ^{ab}	10	20	± 0,08	± 0,16
20	30	± 0,12	± 0,24				_
30	50	± 0,15	± 0,30				
50	100	± 0,20	± 0,50				
100	200	± 0,50	± 1,00				
200	300	± 0,75	± 1,50				
300	450	± 1,00	± 2,00				
^a The tolerances indicated in this column are not applicable to • tubes in rolls or coils • tubes with OD/T>50 • tubes in an annealed state							
^b When the diameter is measured at a distance from the ends of the tube of up to 100mm or the equivalent of to a nominal diameter (choosing the lesser of both values), unless otherwise agreed, the tolerance is allowed to be increased by multiplying it by 3.							
° Includes 3.							



Nominal	Nominal exterior diameter Tolerances of nominal wall thickness t (%)											
	mm	t from 0.3 mm up to	t above 1 mm, up to and	t above 3 mm, up to and	t above 6 mm, up to and	A chour down						
above	up to and inc	and inc. 1 mm	inc. 3 mm	inc. 6 mm	inc. 10 mm	t above 10mm	3ª 40	± 15	± 13	± 11	± 10	-
40	120	± 15	± 13	± 12	± 11	± 10			:			
120	250	_	± 13	± 13	± 12	± 11						
250	450	_	_	± 15	± 15	± 15						
	^a Includes 3.											

Tolerances of diameter including deviations from circular shape, tubes in rolls or coils

Nominal exterior diameter above up to and inc		Tolerances of nominal diameter including deviations from the circular shape	Applicable to inner diameter of winding		
			min.		
3ª	6	± 0,30	400		
6	10	± 0,50	600		
10	20	± 0,70	800		
20	30	± 0,90	1000		
	^a Includes 3.				