

Round Tube Measurements

Length mm	Diameter mm	Ø 16	Ø 19	Ø 22	Ø 25	Ø 30	Ø 35	Ø 40	Ø 45	Ø 50	Ø 55	Ø 60
Volume ml												
3 ml		43										
5 ml		55										
10 ml			66									
15 ml			85	72								
20 ml			100	85	74							
25 ml			110	100	84							
30 ml				110	94	78						
35 ml					104	85	75					
40 ml					115	92	81					
50 ml					135	106	91					
60 ml						122	102					
70 ml						136	112	98				
80 ml						150	124	106				
90 ml							135	114	86			
100 ml							148	122	95			
110 ml							162	128	102			
120 ml								137	110			
130 ml								145	115	110		
140 ml								154	126	118		
150 ml								162	134	120	100	
160 ml								170	142	130	105	
170 ml								178	150	137	110	
180 ml								186	158	143	115	
190 ml									164	149	120	
200 ml									172	156	124	108
210 ml									180	164	127	115
220 ml									190	170	130	120
230 ml										175	137	125
240 ml										180	143	130
250 ml										185	149	135
300 ml											173	150
350 ml											195	162
400 ml											193	175
450 ml												190
500 ml												193

Oval Tube Measurements

Length mm	Diameter mm	Ø 25	Ø 30	Ø 35	Ø 40	Ø 45	Ø 50
Volume ml							
30 ml		94	80				
35 ml			90	80			
40 ml			100	88			
50 ml				98			
60 ml				105	110		
70 ml				125	125		
80 ml				135	130	105	
100 ml				143	135	108	
105 ml					145	112	
110 ml					155	120	
120 ml						125	
125 ml							125
140 ml							130

- Tube Diameter is fixed and tube length adjusted. Choose your volume and diameter to find your length.
- The length in these tables is the cut sealed length. So always add 5-10mm based on your filling machinery.
- Circumference = Pi multiply by diameter ($c = \pi \cdot d$)
- $\pi = 3.14159$
- Volume = $\pi r^2 h$