

Science Information from the Beagle:

Cork Stopper Sizes*

* From Kuhns, John Farrell, 2008, *Pictorial Identification Guide to Laboratory Glassware (& how it is used)*, 3rd ed., The Written Word, Parkville, MO, p. 174-5.

The use of cork stoppers in the laboratory has greatly diminished due to the tendency of cork to absorb chemicals with which it comes into contact. However the following will still be of use for those wanting to know what size cork stoppers would be needed for any given piece of glassware that has a “cork finish” on its neck opening.

Cork Size No.	Top Diameter		Bottom Diameter (in.)	Length (in.)
	(mm)	(in.)		
0000	4.8	3/16	3/32	1/2
000	6.3	1/4	5/32	1/2
00	7.9	5/16	7/32	1/2
0	9.5	3/8	9/32	1/2
1	11.1	7/16	21/64	5/8
2	12.7	1/2	3/8	11/16
3	14.2	9/16	27/64	3/4
4	15.8	5/8	15/32	13/16
5	17.4	11/16	17/32	7/8
6	19	3/4	37/64	15/16
7	20.6	13/16	5/8	1
8	22.2	7/8	43/64	1-1/16
9	23.8	15/16	47/64	1-1/8
10	25.4	1	49/64	1 1/4
11	26.9	1-1/16	53/64	1 1/4
12	28.5	1-1/8	57/64	1 1/4
13	30.1	1-3/16	61/64	1 1/4
14	31.7	1 1/4	1-1/64	1 1/4
15	33.3	1-5/16	1-5/64	1 1/4
16	34.9	1-3/8	1-3/32	1 1/2
17	36.5	1-7/16	1-5/32	1 1/2
18	38.1	1 1/2	1-7/32	1 1/2
19	39.6	1-9/16	1-9/32	1 1/2
20	41.2	1-5/8	1-11/32	1 1/2
21	42.9	1-11/16	1-13/32	1 1/2
22	44.5	1 3/4	1-15/32	1 1/2
23	46	1-13/16	1-17/32	1 1/2
24	47.6	1-7/8	1-19/32	1 1/2

Standard Dimensions for Tapered Cork Stoppers (Continued)

Cork Size No.	Top Diameter		Bottom Diameter (in.)	Length (in.)
	(mm)	(in.)		
25	49.2	1-15/16	1-21/32	1½
26	50.8	2	1-23/32	1½
27	52.4	2-1/16	1-25/32	1½
28	54	2-1/8	1-27/32	1½
29	55.6	2-3/16	1-29/32	1½
30	57.2	2¼	1/31/32	1½
32	60.3	2-3/8	2-1/8	1½
34	63.5	2½	2¼	1½
36	66.7	2-5/8	2-3/8	1½
38	69.9	2¾	2½	1½