

# Glass & Plastic Container Size Charts

Have you ever been confused about how much liquid a glass container can really hold? If so, you are not alone. With all of the different measuring systems used by glass manufacturers, it can be daunting trying to determine if a 2 drams container holds more or less than a 5 milliliter one. To help out, we have compiled some charts that not only explain the different measuring systems used by glass and plastic container manufacturers, but will hopefully help you be able to determine exactly how much liquid each container will hold.

## Glass & Plastic Measuring Systems Defined

- **Millileter (ml):** Milliliters are used in the metric measurement system to measure units of liquid volume. One milliliter is equal to one cubic centimeter or 1/1000 of a liter.
- **Dram (fl. dr.):** Drams come from the old English apothecary system and are used to measure units of liquid volume. One dram is equal to 1/8 of an ounce, or 3.697 milliliters.
- **Ounce (fl. oz.):** Fluid ounces are used in the English measurement system to measure units of liquid volume. One fluid ounce is equal to 1/8 of a cup, or 29.574 milliliters.
- **Drop:** Actual drop sizes can vary significantly, depending on the thickness of the oil and the size of the dropper. For purposes of this chart we are using the pharmaceutical standard drop, or 0.05 milliliters. This is the approximate size of a drop of water.



**Glass & Plastic Container Size Chart**

Container Size	=	drams	milli-liters	ounces	cups	table- spoons	tea- spoons	drops
'0' Capsule	=	a. .135	a. .5	a. 1/64	a. 1/512	a. 1/32	a. 1/11	a. 10
'00' Capsule	=	a. .189	a. .7	a. 1/40	a. 1/320	a. 1/20	a. 1/7	a. 14
1/6 dram	=	1/6	.62	1/48	1/384	1/24	1/8	a. 12
1/4 dram	=	1/4	.93	1/32	1/256	1/16	3/16	a. 18
1/2 dram	=	1/2	1.85	1/16	1/128	1/8	3/8	a. 37
5/8 dram	=	5/8	2.31	5/64	5/512	5/32	15/32	a. 46
1 dram	=	1	3.7	1/8	1/64	1/4	3/4	a. 74
2 dram	=	2	7.39	1/4	1/32	1/2	1-1/2	a. 147
4 dram	=	4	14.79	1/2	1/16	1	3	a. 295
5 ml	=	1.35	5	a. 1/6	a. 1/48	a. 1/3	a. 1	a. 100
10 ml	=	2.71	10	a. 1/3	a. 1/24	a. 2/3	a. 2	a. 200
15 ml	=	4.06	15	a. 1/2	a. 1/16	a. 1	a. 3	a. 300
30 ml	=	8.12	30	a. 1	a. 1/8	a. 2	a. 6	a. 600
1 oz.	=	8	a. 30	1	1/8	2	6	a. 591
2 oz.	=	16	a. 60	2	1/4	4	12	a. 1,182
4 oz.	=	32	a. 120	4	1/2	8	24	a. 2,365
6 oz.	=	48	a. 180	6	3/4	12	36	a. 3,548
8 oz.	=	64	a. 240	8	1	16	48	a. 4,731
12 oz.	=	96	a. 360	12	1.5	24	72	a. 7,097
16 oz.	=	128	a. 480	16	2	32	96	a. 9,463
32 oz.	=	256	a. 960	32	4	64	192	a. 18,927
64 oz.	=	512	a. 1,920	64	8	128	384	a. 37,854

\*a. indicates approximate measurements. All other measurements are exact.

