

Volumetric Hose Chart

Use the following charts to determine the approximate volume of material in a hose.

Gallons (US)

ID (inches)	Length (feet)						
	5	10	15	25	50	75	100
0.250	0.0	0.0	0.0	0.1	0.1	0.2	0.3
0.375	0.0	0.1	0.1	0.1	0.3	0.4	0.6
0.500	0.1	0.1	0.2	0.3	0.5	0.8	1.0
0.625	0.1	0.2	0.2	0.4	0.8	1.2	1.6
0.750	0.1	0.2	0.3	0.6	1.1	1.7	2.3
1.000	0.2	0.4	0.6	1.0	2.0	3.1	4.1
1.250	0.3	0.6	1.0	1.6	3.2	4.8	6.4
1.500	0.5	0.9	1.4	2.3	4.6	6.9	9.2
1.750	0.6	1.2	1.9	3.1	6.2	9.4	12.5
2.000	0.8	1.6	2.4	4.1	8.2	12.2	16.3

Ounces (US)

ID (inches)	Length (feet)						
	5	10	15	25	50	75	100
0.250	1.6	3.3	4.9	8.2	16.3	24.5	32.6
0.375	3.7	7.3	11.0	18.4	36.7	55.1	73.4
0.500	6.5	13.1	19.6	32.6	65.3	97.9	130.6
0.625	10.2	20.4	30.6	51.0	102.0	153.0	204.0
0.750	14.7	29.4	44.1	73.4	146.9	220.3	293.8
1.000	26.1	52.2	78.3	130.6	261.1	391.7	522.2
1.250	40.8	81.6	122.4	204.0	408.0	612.0	816.0
1.500	58.8	117.5	176.3	293.8	587.5	881.3	1,175.0
1.750	80.0	159.9	239.9	399.8	799.7	1,199.5	1,599.4
2.000	104.4	208.9	313.3	522.2	1,044.5	1,566.7	2,089.0

CCs

ID (inches)	Length (feet)						
	5	10	15	25	50	75	100
0.250	48.3	96.5	144.8	241.3	482.6	723.9	965.2
0.375	108.6	217.2	325.7	542.9	1,085.8	1,628.7	2,171.6
0.500	193.0	386.1	579.1	965.2	1,930.4	2,895.5	3,860.7
0.625	301.6	603.2	904.9	1,508.1	3,016.2	4,524.3	6,032.3
0.750	434.3	868.7	1,303.0	2,171.6	4,343.3	6,514.9	8,686.6
1.000	772.1	1,544.3	2,316.4	3,860.7	7,721.4	11,582.1	15,442.8
1.250	1,206.5	2,412.9	3,619.4	6,032.3	12,064.7	18,097.0	24,129.4
1.500	1,737.3	3,474.6	5,211.9	8,686.6	17,373.2	26,059.7	34,746.3
1.750	2,364.7	4,729.4	7,094.0	11,823.4	23,646.8	35,470.2	47,293.6
2.000	3,088.6	6,177.1	9,265.7	15,442.8	30,885.6	46,328.4	61,771.2