

oliver m. dean, inc.

- hygienic process equipment
- food, beverage, dairy, pharmaceutical & personal care

SANITARY TUBING DIMENSIONS - VOLUME - VELOCITY

Tube OD	Tube ID	Wall Thickness	Weight Dry	Volume	Weight with Water	Flow at a Mean Velocity GPM		
						5 fps	7 fps	10 fps
Inches	Inches	Inches	lbs/100 ft	gal/100 ft	lbs/100 ft			
1/4	0.180	0.035	8.1	.013	9.2	0.40	0.56	0.79
3/8	0.305	0.035	12.9	.038	16.0	1.14	1.59	2.28
1/2	0.370	0.065	30.6	0.56	35.3	1.7	2.3	3.4
3/4	0.620	0.065	48.2	1.57	61.3	4.7	6.6	9.4
1	0.870	0.065	65.8	3.09	91.5	9.3	13	19
1 1/2	1.370	0.065	100.9	7.66	164.8	23	32	46
2	1.870	0.065	136.1	14.27	255.1	43	60	86
2 1/2	2.370	0.065	171.2	22.92	362.4	69	96	138
3	2.870	0.065	206.4	33.60	486.7	101	141	202
4	3.834	0.083	351.8	59.97	851.9	180	252	360
6	5.782	0.109	694.7	136.39	1832.2	409	573	818
8	7.782	0.109	930.6	247.07	2991.1	741	1038	1482

