



**PIPE SIZE CHARTS FOR VARIOUS FLOW RATES**

**Flow rate and friction head loss  
for tubing and pipe sizes (Imperial)  
(based on 15 ft/s velocity)**

Nom. dia. (in)	Inside dia. (in)	Flow rate (gpm)	Friction head loss (feet of head per feet of pipe)
1/4	0.311	3.55	4.68
1/2	0.527	10.2	2.35
3/4	0.745	20.4	1.51
1	0.995	36.3	1.04
1 1/2	1.6	94	0.575
2	2.067	157	0.42
2 1/2	2.469	224	0.335
3	3.068	346	0.256
4	4.026	595	0.184
6	6.065	1351	0.111
8	8.125	2424	0.078
10	10.25	3858	0.059
12	12.25	5510	0.048
14	13.5	6692	0.042