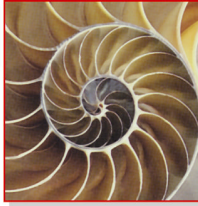


F L U I D E D E S I G N



PIPE SIZE CHARTS FOR VARIOUS FLOW RATES

Flow rate and friction head loss for tubing and pipe sizes (metric) (based on 4.5 m/s velocity)			
Inside dia. (mm)	Flow rate (L/s)	Flow rate (m ³ /h)	Friction head loss (meter of head per meter of pipe)
15	3.32	12	1.97
20	5.9	21.2	1.36
25	9.2	33.2	1.03
32	15.1	54.4	0.75
40	23.6	85	0.57
50	36.9	133	0.43
65	62.4	225	0.31
80	94.5	340	0.24
100	148	531	0.183
125	231	830	0.139
150	332	1196	0.112
200	590	2125	0.079
250	922	3321	0.06
300	1328	4782	0.048