

Pipe & Tubing Size Selection Table

Pipe Size Selection Guide in Gallons Per Minute

SIZE	PIPE LENGTH IN FEET									
	100	200	350	500	750	1000	1500	2000	2600	1 MILE
½"	4	3	—	2	—	—	1	—	—	—
¾"	8	8	6	5	4	3	—	2	—	1
1"	13	13	10	8	7	6	5	4	3	2
1¼"	23	23	21	19	15	12	9	8	6	4
1½"	30	30	30	25	22	19	15	12	9	7
2"	50	50	50	50	43	37	29	25	18	15

NOTES:

1. The correct pipe sizing for an installation can be found in the Pipe Selection Guide if the gallons per minute and the length of line are known.
2. Select the next pipe length longer than indicated by your application, then follow that column down to the next higher gallonage than required. Follow this figure to the left to find the correct pipe size.
3. The Guide is based on keeping pressure drop less than 23.10 feet of head (10 PSI) and velocity in feet per second of 5 or less.

Example: If the length of a system is 1000 to 1500 linear feet and the flow requirement is 4 GPM, a 1" pipe should be used.