



Technical Bulletin Vacuum Tubing & Piping

Vacuum Tubing / Piping Sizing Guide for Sodium Hypochlorite

Sizing of Vacuum Tubing

Liquid Feed Rate	25 ft. 8 m	50 ft. 15 m	100 ft. 30 m	200 ft. 60 m	300 ft. 90 m
1 GPH	3/8"	3/8"	3/8"	1/2"	1/2"
4 GPH	3/8"	3/8"	1/2"	1/2"	1/2"
10 GPH	3/8"	1/2"	1/2"	5/8"	5/8"
28 GPH	3/8"	1/2"	5/8"	5/8"	5/8"

NOTES:

- In the above table:
 - 3/8", 1/2" and 5/8" refer to the OD (outer diameter) of flexible polyethylene plastic tubing.
- Calculations are based on 12.5% Sodium Hypochlorite solution.
- The above recommendations are based on calculations limiting friction loss to 1.5" Hg or less.

Sizing of Rigid PVC Piping

Liquid Feed Rate	25 ft. 8 m	50 ft. 15 m	100 ft. 30 m	200 ft. 60 m	300 ft. 90 m
1 GPM	1/2"	1/2"	3/4"	3/4"	3/4"
2 GPM	1/2"	3/4"	1"	1"	1-1/2"
4 GPM	1"	1"	1"	1-1/2"	1-1/2"
10 GPM	1-1/2"	1-1/2"	1-1/2"	2"	2"

NOTES:

- In the above table:
 - 1/2", 3/4", 1", 1-1/2" and 2" refer to Schedule 80 PVC rigid piping.
- Calculations are based on 12.5% Sodium Hypochlorite solution.
- The above recommendations are based on calculations limiting friction loss to 1.5" Hg or less.