

Chlorine & Sulfur Dioxide

GAS FEED RATE	LENGTH OF VACUUM LINE							
	100 ft.	200 ft.	300 ft.	500 ft.	1000 ft.	1500 ft.	2300 ft.	2950 ft.
	30m	60m	90m	150m	300m	450m	700m	900m
50 PPD 1 Kg/h	3/8"	3/8"	1/2"	1/2"	1/2"	5/8"	5/8"	3/4"
100 PPD 2 Kg/h	3/8"	1/2"	5/8"	5/8"	3/4"	3/4"	3/4"	3/4"
250 PPD 5 Kg/h	1/2"	5/8"	3/4"	3/4"	1"	1"	1"	1"
500 PPD 10 Kg/h	5/8"	3/4"	1"	1"	1-1/2"	1-1/2"	1-1/2"	1-1/2"
750 PPD 15 Kg/h	1"	1"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	2"	2"
1000 PPD 20 Kg/h	1"	1-1/4"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2"
1500 PPD 30 Kg/h	1"	1-1/4"	1-1/2"	2"	2"	2"	2"	2-1/2"
2000 PPD 40 Kg/h	1"	1-1/4"	1-1/2"	2"	2"	2"	2"	2-1/2"
4000 PPD 80 Kg/h	1-1/2"	2"	2"	2-1/2"	2-1/2"	3"	3"	4"
6000 PPD 120 Kg/h	2"	2"	2-1/2"	2-1/2"	3"	4"	4"	4"
8000 PPD 160 Kg/h	2"	2-1/2"	3"	3"	3-1/2"	4"	4"	4-1/2"
10,000 PPD 200 Kg/h	2-1/2"	3"	3"	4"	4"	6"	6"	6"

NOTES:

- In the above table:
 - 3/8", 1/2" and 5/8" refer to the OD (outer diameter) of flexible polyethylene plastic tubing.
 - 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4" and 6" refer to Schedule 80 PVC rigid piping.
- The above recommendations are based on calculations limiting friction loss to 0.5" Hg or less.