

**Saint-Gobain Performance Plastics
Pressure Guidelines and Flow Rates**

Sani-Tech Pipe Flow Rate vs. Pressure Drop for Water
Based on Hazen William formula, C=160

MINI PIPE			MAXI/LADISH		
FLOW RATE	VELOCITY	PRESSURE DROP 100 FEET	FLOW RATE	VELOCITY	PRESSURE DROP 100 FEET
GPM	(FT/S)	PSI	GPM	(FT/S)	PSI
0.50	0.65	0.18	1.00	0.56	0.08
1.00	1.30	0.64	2.00	1.11	0.29
1.50	1.95	1.35	3.00	1.67	0.62
2.00	2.61	2.30	4.00	2.23	1.05
2.50	3.26	3.47	5.00	2.79	1.59
3.00	3.91	4.87	6.00	3.34	2.23
3.50	4.56	6.47	7.00	3.90	2.96
4.00	5.21	8.29	8.00	4.46	3.79
4.50	5.86	10.31	9.00	5.02	4.71
5.00	6.51	12.53	10.0	5.57	5.72
5.50	7.16	14.94	11.0	6.13	6.83
6.00	7.82	17.55	12.0	6.69	8.02
6.50	8.47	20.35	13.0	7.25	9.30
7.00	9.12	23.34	14.0	7.80	10.67
7.50	9.77	26.52	15.0	8.36	12.12
8.00	10.42	29.88	16.0	8.92	13.66
8.50	11.07	33.43	17.0	9.48	15.28
9.00	11.72	37.16	18.0	10.03	16.98
9.50	12.37	41.07	19.0	10.59	18.77
10.0	13.03	45.15	20.0	11.15	20.64
11.0	14.33	53.86	22.0	12.26	24.62
12.0	15.63	63.27	24.0	13.38	28.92