FLOW CAPACITY AND FRICTION LOSS FOR SCHEDULE 80 THERMOPLASTIC PIPE PER 100 FEET

GALLONS PER MINUTE	1/2 INCH			3/4 INCH			1 INCH			1-1/4 INCH			1-1/2 INCH			2 INCH			2-1/2 INCH			3 INCH		
	VELOCITY (FEET PER SECOND)	FRICTION HEAD (FEET)	FRICTION LOSS (POUNDS PER SQ. INCH)	VELOCITY (FEET PER SECOND)	FRICTION HEAD (FEET)	FRICTION LOSS (POUNDS PER SQ. INCH)	VELOCITY (FEET PER SECOND)	FRICTION HEAD (FEET)	FRICTION LOSS (POUNDS PER SQ. INCH)	VELOCITY (FEET PER SECOND)	FRICTION HEAD (FEET)	FRICTION LOSS (POUNDS PER SQ. INCH)	VELOCITY (FEET PER SECOND)	FRICTION HEAD (FEET)	FRICTION LOSS (POUNDS PER SQ. INCH)	VELOCITY (FEET PER SECOND)	FRICTION HEAD (FEET)	FRICTION LOSS (POUNDS PER SQ. INCH)	VELOCITY (FEET PER SECOND)	FRICTION HEAD (FEET)	FRICTION LOSS (POUNDS PER SQ. INCH)	VELOCITY (FEET PER SECOND)	FRICTION HEAD (FEET)	FRICTION LOSS (POUNDS PER SQ. INCH)
1	1.48	4.02	1.74	0.74	0.86	0.37																		
2	2.95	8.03	3.48	1.57	1.72	0.74	0.94	0.88	0.38	0.52	0.21	0.09	0.38	0.10	0.041									
5	7.39	45.23	19.59	3.92	9.67	4.19	2.34	2.75	1.19	1.30	0.66	0.29	0.94	0.30	0.126	0.56	0.10	0.040	0.39	0.05	0.022	0.25	0.02	0.009
7	10.34	83.07	35.97	5.46	17.76	7.69	3.28	5.04	2.19	1.82	1.21	0.53	1.32	0.55	0.24	0.78	0.15	0.065	0.54	0.07	0.032	0.35	0.028	0.012
10				7.84	33.84	14.65	4.68	9.61	4.16	2.60	2.30	1.00	1.88	1.04	0.45	1.12	0.29	0.13	0.78	0.12	0.052	0.50	0.04	0.017
15	4 INCH			11.76	71.70	31.05	7.01	20.36	8.82	3.90	4.87	2.11	2.81	2.20	0.95	1.68	0.62	0.27	1.17	0.26	0.11	0.75	0.09	0.039
20	0.57	0.04	0.017				9.35	34.68	15.02	5.20	8.30	3.59	3.75	3.75	1.62	2.23	1.06	0.46	1.56	0.44	0.19	1.00	0.15	0.065
25	0.72	0.06	0.026				11.69	52.43	22.70	6.50	12.55	5.43	4.69	5.67	2.46	2.79	1.60	0.69	1.95	0.67	0.29	1.25	0.22	0.095
30	0.86	0.08	0.035				14.03	73.48	31.82	7.80	17.59	7.62	5.63	7.95	3.44	3.35	2.25	0.97	2.34	0.94	0.41	1.49	0.31	0.13
35	1.00	0.11	0.048							9.10	23.40	10.13	6.57	10.58	4.58	3.91	2.99	1.29	2.73	1.25	0.54	1.74	0.42	0.18
40	1.15	0.14	0.061							10.40	29.97	12.98	7.50	13.55	5.87	4.47	3.83	1.66	3.12	1.60	0.69	1.99	0.54	0.23
45	1.29	0.17	0.074				6 INCH			11.70	37.27	16.14	8.44	16.85	7.30	5.03	4.76	2.07	3.51	1.99	0.86	2.24	0.67	0.29
50	1.43	0.21	0.091				0.63	0.03	0.013	13.00	45.30	19.61	9.38	20.48	8.87	5.58	5.79	2.51	3.90	2.42	1.05	2.49	0.81	0.35
60	1.72	0.30	0.13				0.75	0.04	0.017				11.26	28.70	12.43	6.70	8.12	3.52	4.68	3.39	1.47	2.99	1.14	0.49
70	2.01	0.39	0.17				0.88	0.05	0.022							7.82	10.80	4.68	5.46	4.51	1.95	3.49	1.51	0.65
75	2.15	0.45	0.19				0.94	0.06	0.026							8.38	12.27	5.31	5.85	5.12	2.22	3.74	1.72	0.74
80	2.29	0.50	0.22				1.00	0.07	0.030							8.93	13.83	5.99	6.24	5.77	2.50	3.99	1.94	0.84
90	2.58	0.63	0.27				1.13	0.08	0.035	8 INCH						10.05	17.20	7.45	7.02	7.16	3.11	4.48	2.41	1.04
100	2.87	0.76	0.33				1.25	0.10	0.043							11.17	20.90	9.05	7.80	8.72	3.78	4.98	2.03	1.27
125	3.59	1.16	0.50				1.57	0.16	0.068	0.90	0.045	0.019							9.75	13.21	5.72	6.23	4.43	1.92
150	4.30	1.60	0.70				1.88	0.22	0.095	1.07	0.05	0.022							11.70	18.48	8.00	7.47	6.20	2.68
175	5.02	2.15	0.93				2.20	0.29	0.12	1.25	0.075	0.033	10 INCH									8.72	8.26	3.58
200	5.73	2.75	1.19				2.51	0.37	0.16	1.43	0.09	0.039	0.90	0.036	0.015							9.97	10.57	4.58
250	7.16	4.16	1.81				3.14	0.56	0.24	1.79	0.14	0.61	1.14	0.045	0.02							12.46	16.00	6.93
300	8.80	5.83	2.52				3.76	0.78	0.34	2.14	0.20	0.087	1.36	0.07	0.03	12 INCH								
350	10.03	7.76	3.36				4.39	1.04	0.45	2.50	0.27	0.12	1.59	0.085	0.037	1.12	0.037	0.016						
400	11.47	9.93	4.30				5.02	1.33	0.58	2.86	0.34	0.15	1.81	0.11	0.048	1.28	0.05	0.022						
450							5.64	1.65	0.71	3.21	0.42	0.18	2.04	0.14	0.061	1.44	0.06	0.026						
500							6.27	2.00	0.87	3.57	0.51	0.22	2.27	0.17	0.074	1.60	0.07	0.030						
750							9.40	4.25	1.84	5.36	1.08	0.47	3.40	0.36	0.16	2.40	0.15	0.065						
1000							12.54	7.23	3.13	7.14	1.84	0.80	4.54	0.61	0.26	3.20	0.26	0.11						
1250										8.93	2.78	1.20	5.67	0.92	0.40	4.01	0.40	0.17						
1500										10.71	3.89	1.68	6.80	1.29	0.56	4.81	0.55	0.24						
2000													9.07	2.19	0.95	6.41	0.94	0.41						
2500													11.34	3.33	1.44	8.01	1.42	0.62						
3000															9.61	1.99	0.86							
3500															11.21	2.65	1.15							
4000															12.82	3.41	1.48							