

FLOW CAPACITY AND FRICTION LOSS FOR SCHEDULE 40 THERMOPLASTIC PIPE PER 100 FEET

GALLONS PER MINUTE	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)
	1/2 INCH			3/4 INCH			1 INCH			1-1/4 INCH			1-1/2 INCH			2 INCH			2-1/2 INCH			3 INCH		
1	1.13	2.08	0.90	0.63	0.51	0.22																		
2	2.26	4.16	1.80	1.26	1.02	0.44	0.77	0.55	0.24	0.44	0.14	0.06	0.33	0.07	0.03									
5	5.64	23.44	10.15	3.16	5.73	2.48	1.93	1.72	0.75	1.11	0.44	0.19	0.81	0.22	0.09	0.49	0.066	0.029	0.30	0.038	0.016	0.22	0.015	0.007
7	7.90	43.06	18.64	4.43	10.52	4.56	2.72	3.17	1.37	1.55	0.81	0.35	1.13	0.38	0.17	0.69	0.11	0.048	0.49	0.051	0.023	0.31	0.021	0.009
10	11.28	82.02	35.51	6.32	20.04	8.68	3.86	6.02	2.61	2.21	1.55	0.67	1.62	0.72	0.31	0.98	0.21	0.091	0.68	0.09	0.039	0.44	0.03	0.013
15	4 INCH			9.48	42.46	18.39	5.79	12.77	5.53	3.31	3.28	1.42	2.42	1.53	0.66	1.46	0.45	0.19	1.03	0.19	0.082	0.66	0.07	0.030
20	0.51	0.03	0.013	12.65	72.34	31.32	7.72	21.75	9.42	4.42	5.59	2.42	3.23	2.61	1.13	1.95	0.76	0.33	1.37	0.32	0.14	0.88	0.11	0.048
25	0.64	0.04	0.017				9.65	32.88	14.22	5.52	8.45	3.66	4.04	3.95	1.71	2.44	1.15	0.50	1.71	0.49	0.21	1.10	0.17	0.074
30	0.77	0.06	0.026				11.58	46.08	19.95	6.63	11.85	5.13	4.85	5.53	2.39	2.93	1.62	0.70	2.05	0.68	0.29	1.33	0.23	0.10
35	0.89	0.08	0.035							7.73	15.76	6.82	5.66	7.36	3.19	3.41	2.15	0.93	2.39	0.91	0.39	1.55	0.31	0.13
40	1.02	0.11	0.048							8.84	20.18	8.74	6.47	9.43	4.08	3.90	2.75	1.19	2.73	1.16	0.50	1.77	0.40	0.17
45	1.15	0.13	0.056							9.94	25.10	10.87	7.27	11.73	5.08	4.39	3.43	1.49	3.08	1.44	0.62	1.99	0.50	0.22
50	1.28	0.16	0.069				0.56	0.02	0.009	11.05	30.51	13.21	8.08	14.25	6.17	4.88	4.16	1.80	3.42	1.75	0.76	2.21	0.60	0.26
60	1.53	0.22	0.095				0.67	0.03	0.013				9.70	19.98	8.65	5.85	5.84	2.53	4.10	2.46	1.07	2.65	0.85	0.37
70	1.79	0.30	0.13				0.79	0.04	0.017							6.83	7.76	3.36	4.79	3.27	1.42	3.09	1.13	0.49
75	1.92	0.34	0.15				0.84	0.05	0.022							7.32	8.82	3.82	5.13	3.71	1.61	3.31	1.28	0.55
80	2.05	0.38	0.16				0.90	0.05	0.022							7.80	9.94	4.30	5.47	4.19	1.81	3.53	1.44	0.62
90	2.30	0.47	0.20				1.01	0.06	0.026							8.78	12.37	5.36	6.15	5.21	2.26	3.98	1.80	0.78
100	2.56	0.58	0.25				1.12	0.08	0.035	0.65	0.03	0.012				9.75	15.03	6.51	6.84	6.33	2.74	4.42	2.18	0.94
125	3.20	0.88	0.38				1.41	0.12	0.052	0.81	0.035	0.015							8.55	9.58	4.15	5.52	3.31	1.43
150	3.84	1.22	0.53				1.69	0.16	0.069	0.97	0.04	0.017							10.26	13.41	5.81	6.63	4.63	2.00
175	4.48	1.63	0.71				1.97	0.22	0.096	1.14	0.055	0.024										7.73	6.16	2.67
200	5.11	2.08	0.90				2.25	0.28	0.12	1.30	0.07	0.030	0.82	0.027	0.012							8.63	7.88	3.41
250	6.40	3.15	1.36				2.81	0.43	0.19	1.63	0.11	0.048	1.03	0.035	0.015									
300	7.67	4.41	1.91				3.37	0.60	0.26	1.94	0.16	0.069	1.23	0.05	0.022									
350	8.95	5.87	2.55				3.94	0.79	0.34	2.27	0.21	0.091	1.44	0.065	0.028	1.01	0.027	0.012						
400	10.23	7.52	3.26				4.49	1.01	0.44	2.59	0.27	0.12	1.64	0.09	0.039	1.16	0.04	0.017						
450							5.06	1.26	0.55	2.92	0.33	0.14	1.85	0.11	0.048	1.30	0.05	0.022						
500							5.62	1.53	0.66	3.24	0.40	0.17	2.05	0.13	0.056	1.45	0.06	0.026						
750							8.43	3.25	1.41	4.86	0.85	0.37	3.08	0.28	0.12	2.17	0.12	0.052						
1000							11.24	5.54	2.40	6.48	1.45	0.63	4.11	0.48	0.21	2.89	0.20	0.087						
1250										8.11	2.20	0.95	5.14	0.73	0.32	3.62	0.31	0.13						
1500										9.72	3.07	1.33	6.16	1.01	0.44	4.34	0.43	0.19						
2000													8.21	1.72	0.74	5.78	0.73	0.32						
2500													10.27	2.61	1.13	7.23	1.11	0.49						
3000																8.68	1.55	0.67						
3500																10.12	2.07	0.90						
4000																11.07	2.66	1.15						