

150 C		DR-9 POLY PIPE IPS SIZE 200 PSI															
Size:	3/4"		1"		1-1/4"		1-1/2"		2"		2-1/2"		3"		4"		
GALS PER MIN	OD Wall ID	1.050 0.117 0.816	OD Wall ID	1.315 0.146 1.023	OD Wall ID	1.660 0.184 1.292	OD Wall ID	1.900 0.211 1.478	OD Wall ID	2.375 0.264 1.847	OD Wall ID	2.875 0.319 2.237	OD Wall ID	3.500 0.389 2.722	OD Wall ID	4.500 0.500 3.500	
	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	
2	1.23	0.95	0.78	0.32	0.49	0.10											
4	2.45	3.45	1.56	1.15	0.98	0.37	0.75	0.19									
6	3.68	7.30	2.34	2.43	1.47	0.78	1.12	0.41									
8	4.91	12.44	3.12	4.14	1.96	1.33	1.50	0.69	0.96	0.23							
10	6.1	18.8	3.90	6.26	2.45	2.01	1.87	1.05	1.20	0.35							
12	7.4	26.4	4.69	8.78	2.94	2.82	2.24	1.46	1.44	0.50	0.98	0.20					
15	9.2	39.9	5.86	13.27	3.67	4.26	2.81	2.21	1.80	0.75	1.22	0.29					
18	11.0	55.9	7.03	18.60	4.41	5.97	3.37	3.10	2.16	1.05	1.47	0.41	0.99	0.16			
20	12.3	67.9	7.81	22.60	4.90	7.26	3.74	3.77	2.40	1.28	1.63	0.50	1.10	0.19	0.67	0.06	
25			9.76	34.2	6.12	10.97	4.68	5.70	2.99	1.93	2.04	0.76	1.38	0.29	0.83	0.09	
30			11.71	47.9	7.34	15.38	5.61	7.99	3.59	2.70	2.45	1.06	1.65	0.41	1.00	0.12	
35			13.67	63.7	8.57	20.5	6.55	10.64	4.19	3.60	2.86	1.42	1.93	0.55	1.17	0.16	
40			15.62	81.6	9.79	26.2	7.48	13.62	4.79	4.61	3.27	1.81	2.21	0.70	1.33	0.21	
45					11.02	32.6	8.42	16.94	5.39	5.73	3.67	2.26	2.48	0.87	1.50	0.26	
50					12.24	39.6	9.35	20.6	5.99	6.96	4.08	2.74	2.76	1.06	1.67	0.31	
55					13.5	47.3	10.29	24.6	6.59	8.31	4.49	3.27	3.03	1.26	1.83	0.37	
60					14.7	55.5	11.22	28.9	7.19	9.76	4.90	3.84	3.31	1.48	2.00	0.44	
65					15.9	64.4	12.16	33.5	7.79	11.32	5.31	4.46	3.58	1.72	2.17	0.50	
70					17.1	73.9	13.1	38.4	8.38	12.98	5.72	5.11	3.86	1.97	2.33	0.58	
75					18.4	83.9	14.0	43.6	8.98	14.75	6.12	5.81	4.14	2.24	2.50	0.66	
80					19.6	94.6	15.0	49.2	9.58	16.63	6.53	6.55	4.41	2.52	2.67	0.74	
85					20.8	105.8	15.9	55.0	10.18	18.6	6.94	7.32	4.69	2.82	2.84	0.83	
90					22.0	117.7	16.8	61.2	10.78	20.7	7.35	8.14	4.96	3.13	3.00	0.92	
95							17.8	67.6	11.38	22.9	7.76	9.00	5.24	3.46	3.17	1.02	
100							18.7	74.3	11.98	25.1	8.17	9.90	5.51	3.81	3.34	1.12	
110							20.6	88.7	13.2	30.0	8.98	11.81	6.07	4.54	3.67	1.34	
120							22.4	104.2	14.4	35.2	9.80	13.87	6.62	5.34	4.00	1.57	
130							24.3	120.8	15.6	40.9	10.61	16.09	7.17	6.19	4.34	1.82	
140							26.2	138.6	16.8	46.9	11.43	18.5	7.72	7.10	4.67	2.09	
150									18.0	53.3	12.25	21.0	8.27	8.07	5.00	2.38	
160									19.2	60.0	13.1	23.6	8.82	9.10	5.34	2.68	
170									20.4	67.1	13.9	26.4	9.37	10.18	5.67	2.99	
180									21.6	74.6	14.7	29.4	9.93	11.31	6.00	3.33	
190									22.8	82.5	15.5	32.5	10.48	12.50	6.34	3.68	
200									24.0	90.7	16.3	35.7	11.03	13.75	6.67	4.05	
220									26.4	108.2	18.0	42.6	12.13	16.40	7.34	4.83	
240									28.7	127.2	19.6	50.1	13.2	19.3	8.01	5.67	
260											21.2	58.1	14.3	22.4	8.67	6.58	
280											22.9	66.6	15.4	25.6	9.34	7.55	
300											24.5	75.7	16.5	29.1	10.0	8.57	
320											26.1	85.3	17.6	32.8	10.7	9.66	
340											27.8	95.4	18.7	36.7	11.3	10.8	
360											29.4	106.1	19.9	40.8	12.0	12.0	
380											31.0	117.3	21.0	45.1	12.7	13.3	
400											32.7	129.0	22.1	49.6	13.3	14.6	
450											36.7	160.4	24.8	61.7	15.0	18.2	
500													27.6	75.0	16.7	22.1	
550													30.3	89.5	18.3	26.3	
600													33.1	105.2	20.0	31.0	
650													35.8	122.0	21.7	35.9	
700															23.3	41.2	
750															25.0	46.8	
800															26.7	52.7	
850															28.4	59.0	
900															30.0	65.6	

Vel = Velocity (ft/s)

Loss = Friction Loss (ft/100' of pipe)