

150 C		DR-11 200 PSI Poly Pipe IPS Size PE 4710													
Size:	1"		1-1/4"		1-1/2"		2"		2-1/2"		3"		4"		
GALS PER MIN	OD	1.315	OD	1.660	OD	1.900	OD	2.375	OD	2.875	OD	3.500	OD	4.500	
	Wall	0.120	Wall	0.151	Wall	0.173	Wall	0.216	Wall	0.261	Wall	0.318	Wall	0.409	
	ID	1.075	ID	1.358	ID	1.554	ID	1.943	ID	2.353	ID	2.864	ID	3.682	
	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	
2	0.71	0.25	0.44	0.08											
4	1.41	0.90	0.89	0.29	0.68	0.15									
6	2.12	1.91	1.33	0.61	1.02	0.32									
8	2.83	3.25	1.77	1.04	1.35	0.54	0.87	0.18							
10	3.54	4.92	2.22	1.58	1.69	0.82	1.08	0.28							
12	4.24	6.90	2.66	2.21	2.03	1.15	1.30	0.39	0.89	0.15					
15	5.30	10.42	3.32	3.34	2.54	1.74	1.62	0.59	1.11	0.23					
18	6.36	14.61	3.99	4.69	3.05	2.43	1.95	0.82	1.33	0.32	0.90	0.12			
20	7.07	17.76	4.43	5.70	3.38	2.96	2.16	1.00	1.48	0.39	1.00	0.15	0.60	0.04	
25	8.84	26.8	5.54	8.61	4.23	4.47	2.71	1.51	1.84	0.59	1.25	0.23	0.75	0.07	
30	10.61	37.6	6.65	12.07	5.08	6.26	3.25	2.11	2.21	0.83	1.49	0.32	0.90	0.09	
35	12.38	50.1	7.75	16.1	5.92	8.33	3.79	2.81	2.58	1.11	1.74	0.43	1.05	0.13	
40	14.14	64.1	8.86	20.6	6.77	10.67	4.33	3.60	2.95	1.42	1.99	0.54	1.21	0.16	
45			9.97	25.6	7.61	13.27	4.87	4.48	3.32	1.76	2.24	0.68	1.36	0.20	
50			11.08	31.1	8.46	16.1	5.41	5.44	3.69	2.14	2.49	0.82	1.51	0.24	
55			12.2	37.1	9.31	19.2	5.95	6.49	4.06	2.56	2.74	0.98	1.66	0.29	
60			13.3	43.6	10.15	22.6	6.49	7.63	4.43	3.00	2.99	1.15	1.81	0.34	
65			14.4	50.5	11.00	26.2	7.04	8.84	4.80	3.48	3.24	1.34	1.96	0.39	
70			15.5	58.0	11.8	30.1	7.58	10.15	5.17	4.00	3.49	1.54	2.11	0.45	
75					12.7	34.2	8.12	11.53	5.53	4.54	3.74	1.75	2.26	0.51	
80					13.5	38.5	8.66	12.99	5.90	5.12	3.99	1.97	2.41	0.58	
85					14.4	43.1	9.20	14.5	6.27	5.73	4.23	2.20	2.56	0.65	
90					15.2	47.9	9.74	16.2	6.64	6.37	4.48	2.45	2.71	0.72	
95							10.28	17.9	7.01	7.04	4.73	2.70	2.86	0.80	
100							10.82	19.6	7.38	7.74	4.98	2.97	3.01	0.88	
110							11.9	23.4	8.12	9.23	5.48	3.55	3.32	1.04	
120							13.0	27.5	8.86	10.85	5.98	4.17	3.62	1.23	
130							14.1	31.9	9.59	12.58	6.48	4.83	3.92	1.42	
140							15.2	36.6	10.33	14.4	6.97	5.55	4.22	1.63	
150									11.07	16.4	7.47	6.30	4.52	1.86	
160									11.8	18.5	7.97	7.10	4.82	2.09	
170									12.5	20.7	8.47	7.95	5.12	2.34	
180									13.3	23.0	8.97	8.83	5.43	2.60	
190									14.0	25.4	9.46	9.76	5.73	2.88	
200									14.8	27.9	9.96	10.74	6.03	3.16	
220									16.2	33.3	10.96	12.81	6.63	3.77	
240											12.0	15.0	7.23	4.43	
260											13.0	17.5	7.84	5.14	
280											13.9	20.0	8.44	5.90	
300											14.9	22.7	9.0	6.70	
320											15.9	25.6	9.6	7.55	
340													10.2	8.4	
360													10.9	9.4	
380													11.5	10.4	
400													12.1	11.4	
450													13.6	14.2	
500													15.1	17.3	
550													16.6	20.6	

Vel = Velocity (ft/s)

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

1/18/2017