

150 C	DR-9 250 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	0.146	Wall	0.184	Wall	0.211	Wall	0.264	Wall	0.319	Wall	0.389	Wall	0.500
	ID	1.023	ID	1.292	ID	1.478	ID	1.847	ID	2.237	ID	2.722	ID	3.500
	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss
2	0.78	0.32	0.49	0.10										
4	1.56	1.15	0.98	0.37	0.75	0.19								
6	2.34	2.43	1.47	0.78	1.12	0.41								
8	3.12	4.14	1.96	1.33	1.50	0.69	0.96	0.23						
10	3.90	6.26	2.45	2.01	1.87	1.05	1.20	0.35						
12	4.69	8.78	2.94	2.82	2.24	1.46	1.44	0.50	0.98	0.20				
15	5.86	13.27	3.67	4.26	2.81	2.21	1.80	0.75	1.22	0.29				
18	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	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					13.1	38.4	8.38	12.98	5.72	5.11	3.86	1.97	2.33	0.58
75					14.0	43.6	8.98	14.75	6.12	5.81	4.14	2.24	2.50	0.66
80					15.0	49.2	9.58	16.63	6.53	6.55	4.41	2.52	2.67	0.74
85					15.9	55.0	10.18	18.6	6.94	7.32	4.69	2.82	2.84	0.83
90					16.8	61.2	10.78	20.7	7.35	8.14	4.96	3.13	3.00	0.92
95							11.38	22.9	7.76	9.00	5.24	3.46	3.17	1.02
100							11.98	25.1	8.17	9.90	5.51	3.81	3.34	1.12
110							13.2	30.0	8.98	11.81	6.07	4.54	3.67	1.34
120							14.4	35.2	9.80	13.87	6.62	5.34	4.00	1.57
130									10.61	16.09	7.17	6.19	4.34	1.82
140									11.43	18.5	7.72	7.10	4.67	2.09
150									12.25	21.0	8.27	8.07	5.00	2.38
160									13.1	23.6	8.82	9.10	5.34	2.68
170									13.9	26.4	9.37	10.18	5.67	2.99
180									14.7	29.4	9.93	11.31	6.00	3.33
190									15.5	32.5	10.48	12.50	6.34	3.68
200									16.3	35.7	11.03	13.75	6.67	4.05
220											12.13	16.40	7.34	4.83
240											13.2	19.3	8.01	5.67
260											14.3	22.4	8.67	6.58
280											15.4	25.6	9.34	7.55
300											16.5	29.1	10.0	8.57
320													10.7	9.66
340													11.3	10.8
360													12.0	12.0
380													12.7	13.3
400													13.3	14.6
450													15.0	18.2

Vel = Velocity (ft/s)

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

1/18/2017