

150 C		DR-7 333 PSI Poly Pipe IPS SIZE PE 4710													
Size:	1"		1-1/4"		1-1/2"		2"		2-1/2"		3"		4"		
GALS PER MIN	1.315 0.188		1.660 0.237		1.900 0.271		2.375 0.339		2.875 0.411		3.500 0.500		4.500 0.643		
	1"	0.939	1-1/4"	1.186	1-1/2"	1.358	2"	1.697	2-1/2"	2.053	3"	2.500	4"	3.214	
	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	
2	0.93	0.48	0.58	0.15											
4	1.85	1.74	1.16	0.56	0.89	0.29									
6	2.78	3.69	1.74	1.18	1.33	0.61									
8	3.71	6.28	2.32	2.02	1.77	1.04	1.14	0.35							
10	4.63	9.50	2.90	3.05	2.22	1.58	1.42	0.53							
12	5.56	13.32	3.49	4.27	2.66	2.21	1.70	0.75	1.16	0.30					
15	6.95	20.13	4.36	6.46	3.32	3.34	2.13	1.13	1.45	0.45					
18	8.34	28.22	5.23	9.06	3.99	4.69	2.55	1.58	1.74	0.63	1.18	0.24			
20	9.27	34.30	5.81	11.01	4.43	5.70	2.84	1.93	1.94	0.76	1.31	0.29	0.79	0.09	
25	11.59	51.8	7.26	16.64	5.54	8.61	3.55	2.91	2.42	1.15	1.63	0.44	0.99	0.13	
30	13.90	72.7	8.71	23.33	6.65	12.07	4.26	4.08	2.91	1.62	1.96	0.62	1.19	0.18	
35	16.22	96.7	10.17	31.0	7.75	16.06	4.97	5.43	3.39	2.15	2.29	0.82	1.38	0.24	
40			11.62	39.7	8.86	20.56	5.68	6.95	3.88	2.75	2.62	1.06	1.58	0.31	
45			13.07	49.4	9.97	25.58	6.38	8.65	4.36	3.42	2.94	1.31	1.78	0.39	
50			14.52	60.1	11.08	31.1	7.09	10.51	4.85	4.16	3.27	1.60	1.98	0.47	
55			16.0	71.7	12.19	37.1	7.80	12.54	5.33	4.97	3.60	1.90	2.18	0.56	
60					13.29	43.6	8.51	14.74	5.82	5.83	3.92	2.24	2.37	0.66	
65					14.40	50.5	9.22	17.09	6.30	6.77	4.25	2.59	2.57	0.76	
70					15.5	58.0	9.93	19.60	6.79	7.76	4.58	2.98	2.77	0.88	
75					16.6	65.9	10.64	22.28	7.27	8.82	4.90	3.38	2.97	1.00	
80							11.35	25.10	7.76	9.94	5.23	3.81	3.16	1.12	
85							12.06	28.1	8.24	11.12	5.56	4.26	3.36	1.26	
90							12.77	31.2	8.72	12.36	5.88	4.74	3.56	1.40	
95							13.48	34.5	9.21	13.66	6.21	5.24	3.76	1.54	
100							14.19	38.0	9.69	15.02	6.54	5.76	3.96	1.70	
110							15.6	45.3	10.66	17.93	7.19	6.87	4.35	2.02	
120									11.63	21.06	7.85	8.08	4.75	2.38	
130									12.60	24.42	8.50	9.37	5.14	2.76	
140									13.57	28.0	9.15	10.74	5.54	3.16	
150									14.54	31.8	9.81	12.21	5.93	3.60	
160									15.5	35.9	10.46	13.76	6.33	4.05	
170									16.5	40.1	11.11	15.39	6.72	4.53	
180											11.77	17.11	7.12	5.04	
190											12.42	18.92	7.52	5.57	
200											13.08	20.80	7.91	6.13	
220											14.38	24.82	8.70	7.31	
240											15.7	29.2	9.49	8.59	
260													10.28	9.96	
280													11.08	11.42	
300													11.9	12.98	
320													12.7	14.63	
340													13.4	16.4	
360													14.2	18.2	
380													15.0	20.1	
400													15.8	22.1	
450															

Vel = Velocity (ft/s)

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

1/18/2017