

150 C	DR-6 400 PSI Poly Pipe IPS Size PE 4710									
Size:	1"		1-1/4"		1-1/2"		2"		2-1/2"	
GALS PER MIN	1"	1.315 0.219 0.877	1-1/4"	1.660 0.277 1.106	1-1/2"	1.900 0.317 1.266	2"	2.375 0.396 1.583	2-1/2"	2.875 0.479 1.917
	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss	Vel	Loss
2	1.06	0.67	0.67	0.22						
4	2.13	2.43	1.34	0.78	1.02	0.41				
6	3.19	5.14	2.00	1.66	1.53	0.86				
8	4.25	8.76	2.67	2.83	2.04	1.47	1.30	0.50		
10	5.31	13.25	3.34	4.28	2.55	2.22	1.63	0.75		
12	6.38	18.57	4.01	6.00	3.06	3.11	1.96	1.05	1.33	0.41
15	7.97	28.07	5.01	9.08	3.82	4.70	2.45	1.59	1.67	0.62
18	9.56	39.34	6.01	12.72	4.59	6.59	2.94	2.22	2.00	0.88
20	10.63	47.82	6.68	15.47	5.10	8.01	3.26	2.70	2.22	1.06
25	13.28	72.3	8.35	23.38	6.37	12.12	4.08	4.08	2.78	1.61
30	15.94	101.3	10.02	32.77	7.65	16.98	4.89	5.73	3.34	2.26
35			11.69	43.6	8.92	22.59	5.71	7.62	3.89	3.00
40			13.36	55.8	10.20	28.93	6.52	9.75	4.45	3.84
45			15.03	69.4	11.47	35.98	7.34	12.13	5.00	4.78
50					12.75	43.7	8.15	14.75	5.56	5.81
55					14.02	52.2	8.97	17.59	6.12	6.93
60					15.30	61.3	9.78	20.67	6.67	8.14
65							10.60	23.97	7.23	9.44
70							11.41	27.50	7.78	10.83
75							12.23	31.24	8.34	12.31
80							13.04	35.21	8.89	13.87
85							13.86	39.4	9.45	15.52
90							14.68	43.8	10.01	17.25
95							15.49	48.4	10.56	19.07
100									11.12	20.97
110									12.23	25.02
120									13.34	29.40
130									14.45	34.09
140									15.57	39.1
150										

Vel = Velocity (ft/s)

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

1/18/2017