

## STANDARD POLYETHYLENE PIPE ( CTS )

FLOW VELOCITY AND HEAD LOSS PER 100' OF TUBING ( LBS. / SQ. INC. ) SDR9

PIPE SIZE	1/2"		3/4"		1"		1 1/4"		1 1/2"		2"	
	VELOCITY	HEAD	VELOCITY	HEAD	VELOCITY	HEAD	VELOCITY	HEAD	VELOCITY	HEAD	VELOCITY	HEAD
GPM	LOSS		LOSS		LOSS		LOSS		LOSS		LOSS	
1	1.78	3.53	0.91	0.69	0.55	0.20	0.37	0.08	0.27	0.03		
2	3.56	12.75	1.83	2.51	1.10	0.74	0.74	0.28	0.53	0.12		
3	5.34	27.01	2.74	5.32	1.66	1.57	1.11	0.59	0.80	0.26		
4	7.12	46.02	3.65	9.06	2.21	2.67	1.48	1.01	1.06	0.45		
5	8.90	69.56	4.56	13.69	2.76	4.03	1.85	1.52	1.33	0.68	0.77	0.18
6	10.68	97.51	5.48	19.19	3.31	5.65	2.22	2.13	1.59	0.95	0.93	0.26
7			6.39	25.53	3.87	7.52	2.59	2.84	1.86	1.26	1.08	0.34
8			7.30	32.69	4.42	9.63	2.96	3.63	2.12	1.62	1.24	0.44
9			8.21	40.66	4.97	11.98	3.33	4.52	2.39	2.01	1.39	0.54
10			9.13	49.43	5.52	14.56	3.70	5.49	2.65	2.45	1.55	0.66
15					8.28	30.86	5.55	11.63	3.98	5.18	2.32	1.40
20							7.40	19.81	5.30	8.83	3.09	2.38
30							11.09	41.98	7.96	18.70	4.64	5.04
40									10.61	31.87	6.19	8.58
50											7.73	12.98
60											9.28	18.19
70											10.83	24.20

FLOW VELOCITY ABOVE 5' PER SECOND, AS INDICATED BY HEAVY LINES ON THE CHART, MAY CREATE TURBULENCE OR CAUSE

SURGE PRESSURES THAT COULD DAMAGE THE PIPE. USE WITH CAUTION.