

Hazen-Williams Head Loss and Flow Velocity for SDR 11 CenFuse HDPE

	Flow (US GPM)	Velocity (FPS)	Head Loss (FT/100')
3/4" IPS	1	0.57	0.22
3/4" IPS	2	1.14	0.79
3/4" IPS	3	1.70	1.68
3/4" IPS	4	2.27	2.86
3/4" IPS	5	2.84	4.32
3/4" IPS	6	3.41	6.05
3/4" IPS	7	3.98	8.06
3/4" IPS	8	4.54	10.32
3/4" IPS	9	5.11	12.83
3/4" IPS	10	5.68	15.59
3/4" IPS	15	8.52	33.04

1" IPS	1	0.36	0.07
1" IPS	2	0.72	0.26
1" IPS	3	1.09	0.56
1" IPS	4	1.45	0.96
1" IPS	5	1.81	1.45
1" IPS	10	3.62	5.22
1" IPS	15	5.43	11.06
1" IPS	20	7.24	18.84
1" IPS	30	10.87	39.91
1" IPS	50	18.11	102.79

1 1/4" IPS	5	1.14	0.47
1 1/4" IPS	10	2.28	1.68
1 1/4" IPS	15	3.41	3.57
1 1/4" IPS	20	4.55	6.08
1 1/4" IPS	25	5.69	9.19
1 1/4" IPS	30	6.83	12.88
1 1/4" IPS	35	7.96	17.13
1 1/4" IPS	40	9.10	21.94
1 1/4" IPS	45	10.24	27.28
1 1/4" IPS	50	11.38	33.16

1 1/2" IPS	5	0.87	0.24
1 1/2" IPS	10	1.74	0.87
1 1/2" IPS	15	2.60	1.85
1 1/2" IPS	20	3.47	3.15
1 1/2" IPS	30	5.21	6.67
1 1/2" IPS	40	6.94	11.36
1 1/2" IPS	50	8.68	17.18
1 1/2" IPS	60	10.42	24.08
1 1/2" IPS	70	12.15	32.03
1 1/2" IPS	80	13.89	41.02

2" IPS	10	1.11	0.29
2" IPS	15	1.67	0.62
2" IPS	20	2.22	1.06
2" IPS	30	3.33	2.25

2" IPS	40	4.45	3.84
2" IPS	50	5.56	5.81
2" IPS	75	8.34	12.31
2" IPS	100	11.12	20.96
2" IPS	125	13.89	31.69
2" IPS	150	16.67	44.42

3" IPS	25	1.28	0.24
3" IPS	50	2.56	0.88
3" IPS	75	3.84	1.87
3" IPS	100	5.12	3.18
3" IPS	125	6.40	4.80
3" IPS	150	7.68	6.73
3" IPS	175	8.96	8.96
3" IPS	200	10.24	11.47
3" IPS	250	12.80	17.34
3" IPS	300	15.36	24.31

4" IPS	50	1.55	0.26
4" IPS	75	2.32	0.55
4" IPS	100	3.10	0.93
4" IPS	125	3.87	1.41
4" IPS	150	4.64	1.98
4" IPS	175	5.42	2.63
4" IPS	200	6.19	3.37
4" IPS	250	7.74	5.10
4" IPS	300	9.29	7.15
4" IPS	350	10.83	9.51