

FLOW REQUIREMENTS FOR PIPE VELOCITIES 2-5 FPS

Nominal Pipe Dia.	SDR 21 / SDR 26			SCHD 40		
	Actual Pipe ID	GPM Required 2 FPS	GPM Required 5 FPS	Actual Pipe ID	GPM Required 2 FPS	GPM Required 5 FPS
1.25	1.556	11.85379	29.63447	1.38	9.3238678	23.3096695
1.5	1.754	15.0625	37.65625	1.61	12.69082	31.7270502
2	2.193	23.54589	58.86474	2.067	20.917939	52.294847
2.5	2.655	34.51175	86.27938	2.489	30.33107	75.8276744
3	3.43	57.60049	144.0012	3.068	46.083838	115.209596
4	4.154	84.48331	211.2083	4.026	79.357043	198.392607
5						
6	6.115	183.0758	457.6894	6.08	180.98605	452.465116
8	7.961	310.2939	775.7347	7.981	311.85489	779.637222
10	9.924	482.1825	1205.456	10.02	491.55643	1228.89106
12	11.77	678.2517	1695.629	11.938	697.75199	1744.37998



Nominal Pipe Dia.	DR-9			DR-11		
	Actual Pipe ID	GPM Required 2 FPS	GPM Required 5 FPS	Actual Pipe ID	GPM Required 2 FPS	GPM Required 5 FPS
1.25	1.27	7.896695	19.74174	1.34	8.7911873	21.9779682
1.5	1.453	10.3364	25.84099	1.533	11.505944	28.7648592
2	1.815	16.1284	40.32099	1.917	17.992113	44.9802815
2.5						
3	2.675	35.03366	87.58415	2.826	39.100494	97.7512362
4	3.44	57.93684	144.8421	3.633	64.620264	161.550661
5	4.253	88.55818	221.3955	4.49	98.70306	246.75765
6	5.065	125.6021	314.0052	5.349	140.08226	350.205643
8	6.594	212.8805	532.2012	6.963	237.37268	593.431689
10	8.219	330.7318	826.8294	8.679	368.78845	921.971126
12	9.746	465.0405	1162.601	10.293	518.70673	1296.76682