

# Estimated Flows for Holes in DuraPipe Irrigation

## Flow Rate - Gallons per Minute (GPM)

Pressure (Feet)	Hole Diameter in Inches														Plastic Gate 2 1/2
	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16	1	1 1/4	
0.50	0.6	0.9	1.3	1.7	2.3	2.9	3.5	4.3	5.1	6.0	6.9	7.9	9.0	14.1	50.0
1.00	0.8	1.2	1.8	2.4	3.2	4.0	5.0	6.0	7.2	8.4	9.8	11.2	12.8	20.0	75.0
1.50	1.0	1.5	2.2	3.0	3.9	4.9	6.1	7.4	8.8	10.3	12.0	13.7	15.6	24.4	95.0
2.00	1.1	1.8	2.5	3.5	4.5	5.7	7.1	8.5	10.2	11.9	13.8	15.9	18.0	28.2	110.0
2.50	1.3	2.0	2.8	3.9	5.0	6.4	7.9	9.5	11.4	13.3	15.4	17.7	20.2	31.5	125.0
3.00	1.4	2.2	3.1	4.2	5.5	7.0	8.6	10.4	12.4	14.6	16.9	19.4	22.1	34.6	135.0

## Flow Rate - Liters per Minute (LPM)

Pressure (Meters)	Hole Diameter in Centimeters														Plastic Gate 6.35
	0.65	0.80	0.95	1.10	1.25	1.45	1.60	1.75	1.90	2.05	2.20	2.40	2.55	3.20	
0.15	2.3	3.4	4.9	6.4	8.7	11.0	13.2	16.3	19.3	22.7	26.1	29.9	34.1	53.4	189.3
0.30	3.0	4.5	6.8	9.1	12.1	15.1	18.9	22.7	27.3	31.8	37.1	42.4	48.5	75.7	283.9
0.45	3.8	5.7	8.3	11.4	14.8	18.5	23.1	28.0	33.3	39.0	45.4	51.9	59.1	92.4	359.6
0.60	4.2	6.8	9.5	13.2	17.0	21.6	26.9	32.2	38.6	45.0	52.2	60.2	68.1	106.7	416.4
0.75	4.9	7.6	10.6	14.8	18.9	24.2	29.9	36.0	43.2	50.3	58.3	67.0	76.5	119.2	473.2
0.90	5.3	8.3	11.7	15.9	20.8	26.5	32.6	39.4	46.9	55.3	64.0	73.4	83.7	131.0	511.0

### Common Conversions

**Volume** 1 Liter = .264 Gallons  
**Pressure** 1 PSI = 2.31 Feet = .7 Meters  
**Length** 1 Centimeter = .3937 Inches  
 1 Hectare = 2.47 Acre

**Flow** 1 CFM = 7.4627 Gallons per Minute  
 1 CFM = .0283168466 CMM  
 1 GPM = 3.78541178 LPM



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