



## Flow Estimates for Holes in Irrigation Tube\*

Cubic Feet Per Minute (CFM)

Pressure In Feet (see below)	Hole Size — Inches																					
	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 1/8"	1 1/4"	1 3/8"	1 1/2"	1 5/8"	1 3/4"	1 7/8"	2"	2 1/2" Gate
Flow in Cubic Feet Per Minute (CFM)																						
<b>0.5</b>	0.08	0.12	0.17	0.23	0.30	0.38	0.47	0.57	0.68	0.79	0.92	1.06	1.20	1.52	1.88	2.27	2.71	3.18	3.68	4.23	4.81	5.78
<b>1.0</b>	0.11	0.17	0.24	0.33	0.43	0.54	0.66	0.80	0.96	1.12	1.30	1.50	1.70	2.15	2.66	3.22	3.83	4.49	5.21	5.98	6.80	8.18
<b>1.5</b>	0.13	0.20	0.29	0.40	0.52	0.66	0.81	0.99	1.17	1.38	1.60	1.83	2.08	2.64	3.26	3.94	4.69	5.50	6.38	7.32	8.33	10.02
<b>2.0</b>	0.15	0.24	0.34	0.46	0.60	0.76	0.94	1.14	1.36	1.59	1.84	2.11	2.41	3.04	3.76	4.55	5.41	6.35	7.37	8.46	9.62	11.56
<b>2.5</b>	0.17	0.26	0.38	0.52	0.67	0.85	1.05	1.27	1.51	1.78	2.06	2.37	2.69	3.40	4.20	5.08	6.05	7.10	8.24	9.45	10.78	12.93
<b>3.0</b>	0.18	0.29	0.41	0.56	0.74	0.93	1.15	1.39	1.66	1.95	2.26	2.59	2.95	3.73	4.60	5.57	6.63	7.78	9.02	10.36	11.78	14.16

*\*Adapted from USDA NRCS Information*

**EXAMPLE:**

At 1 foot of pressure:

- **5/8" hole** delivers **0.66 CFM**
- **7/8" hole** delivers **1.30 CFM**

**VISUAL GUIDE:**

Pressure in feet

- **Oval Shaped:** Polytube at 0.5 to 1.5 feet of pressure.
- **Round / Tight:** Polytube at 1.5 to 3.0 feet of pressure.
- **Ruptured:** Polytube at 3.0+ feet of pressure is probably ruptured or close to it.



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