



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)																					
0.5	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
1.0	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
1.5	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
2.0	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
2.5	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
3.0	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:

- A 5/8" hole delivers **0.66 CFM**
- A 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.



Revised 7/2014