

Distribution Components

1/4" Vinyl Distribution Tubing

Features

- Extends emitter outlets to desirable discharge locations.
- Fits over barbed outlet ports on all Xerigation emission devices and 1/4" transfer fittings.
- Made from flexible polyvinyl materials.

Specifications

- Outside diameter: 0.22" (6 mm)
- Inside diameter: 0.16" (4 mm)

Models

- DT-025-050: 50-foot (15,2 m) coil of 1/4" vinyl distribution tubing
- DT-025-100: 100-foot (30 m) coil of 1/4" vinyl distribution tubing
- DT-025-1000: 1000-foot (304 m) reel of 1/4" vinyl distribution tubing

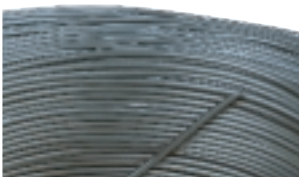
1/4" Distribution Tubing Friction Loss Characteristics

O.D. .220" I.D. .160"			METRIC			
Flow GPH	Velocity fps	psi Loss	O.D. 6 mm	I.D. 4 mm	Velocity	bar
			Flow m ³ /h	I/h		
1	0.27	0.16	0,00	3,79	0,08	0,01
2	0.53	0.59	0,01	7,58	0,16	0,04
3	0.80	1.24	0,01	11,37	0,24	0,09
4	1.06	2.12	0,02	15,16	0,32	0,15
5	1.33	3.20	0,02	18,95	0,41	0,22
6	1.59	4.49	0,02	22,74	0,48	0,31
7	1.86	5.97	0,03	26,53	0,57	0,41
8	2.13	7.64	0,03	30,32	0,65	0,53
9	2.39	9.50	0,03	34,11	0,73	0,66
10	2.66	11.54	0,04	37,90	0,81	0,80
11	2.92	13.79	0,04	41,69	0,89	0,95
12	3.19	16.17	0,05	45,48	0,97	1,12
13	3.45	18.75	0,05	49,27	1,05	1,29
14	3.72	21.50	0,05	53,06	1,13	1,48
15	3.98	24.43	0,06	56,85	1,21	1,69
16	4.25	27.53	0,06	60,64	1,30	1,90
17	4.52	30.80	0,06	64,43	1,38	2,13
18	4.78	34.23	0,07	68,22	1,46	2,36
19	5.05	37.83	0,07	72,01	1,54	2,61
20	5.31	41.60	0,08	75,80	1,62	2,87
25	6.64	62.86	0,09	94,75	2,03	4,34
30	7.97	88.08	0,11	113,70	2,43	6,08

psi Loss Per 100 Feet of tubing; C=150

bar Loss per 100 Meters of tubing

Note: Use of tubing at flows shown in dark shaded area is not recommended, as velocities exceed 5 ft./sec. (1,5 m/s).



DT-025-1000