

XQ 1/4" Distribution Tubing

The strongest and most flexible 1/4" Distribution Tubing available to extend emitter outlets to desirable discharge locations

Features

- Unique blend of polymers that give it the flexibility of vinyl with hold of poly
- New textured finish improves handling
- Self extracting coiling feature makes it easy to use, store and eliminates waste
- Fits over barbed outlet ports and all Xerigation® emission devices and 1/4" transfer fittings
- Extruded from UV-resistant polyethylene resin materials

Specifications

- Outside Diameter: 0.25" (6.3 mm) • Wall Thickness: .04" (1.0 mm)
- Inside Diameter: 0.17" (4.3 mm) • Lengths: 100' and 1000' coils

Operating Range

- Pressure: 0 to 60 psi (0 to 4.1 bar)

Models

- XQ-100: 100-foot (30m) coil 1/4" distribution tubing
- XQ-1000: 1000-foot (305m) coil 1/4" distribution tubing
- XQ-1000-B: 1000-foot (305m) coil 1/4" distribution tubing in a bucket



XQ-100 and XQ-1000 1/4" Tubing



XQ-1000-B 1/4" Tubing

XQ 1/4" Distribution Tubing Friction Loss Characteristics

O.D. .25" I.D. .17"			O.D. 6.3mm I.D. 4.3mm				METRIC
Flow gpm	Velocity fps	Loss psi	Flow m ³ /h	Flow l/h	Velocity m/s	Loss bar	
1	0.27	0.16	0.00	3.79	0.08	0.01	
3	0.80	1.24	0.01	11.6	0.24	0.09	
5	1.33	3.20	0.02	18.92	0.41	0.22	
7	1.86	5.97	0.03	26.50	0.57	0.41	
9	2.39	9.50	0.03	34.07	0.73	0.66	
11	2.92	13.79	0.04	41.64	0.89	0.95	
13	3.45	18.75	0.05	49.21	1.05	1.29	
15	3.98	24.43	0.06	56.78	1.21	1.69	
17	4.52	30.80	0.06	64.35	1.38	2.13	
18	4.78	34.23	0.07	68.13	1.46	2.36	
19	5.05	37.83	0.07	71.92	1.54	2.61	
20	5.31	41.60	0.08	75.70	1.62	2.87	
25	6.64	62.86	0.09	94.63	2.03	4.34	
30	7.97	88.08	0.11	113.55	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)