

## 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 1/4" Distribution Tubing Friction Loss Characteristics

| O.D. .25" I.D. .17" |              |          | O.D. 6.3mm I.D. 4.3mm METRIC |          |              |          |
|---------------------|--------------|----------|------------------------------|----------|--------------|----------|
| Flow gph            | Velocity fps | Loss psi | Flow m <sup>3</sup> /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)



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



XQ-1000-B 1/4" Tubing

## 1/4" Landscape Dripline

Rain Bird 1/4" Dripline is a perfect choice for small-sized areas such as planter boxes, container gardens, loops around trees, vegetable gardens and shrubs

### Features

- Simple to use, as the flexible tubing makes watering pots and container gardens easy
- Clog resistance through built-in filtration and two outlet holes, 180 degrees apart
- Brown tubing complements Rain Bird XF Dripline
- Works with Rain Bird 1/4" barbed Fittings

### Operating Range

- 10 to 40 psi (0.7 to 2.7 bar)
- Flow rate at 30 psi (2.0 bar): 0.8gph (3.0 l/h)
- Required filtration: 200 mesh (75 micron)

### Specifications

- Outside diameter: 0.250" (6 mm)
- Inside diameter: 0.170" (4 mm)
- Wall thickness: 0.040" (1 mm)
- Spacing: 6" or 12" (15.25 cm and 30.5 cm)
- Length: 100' (30.5 m) coils



LDQ-08-06-100

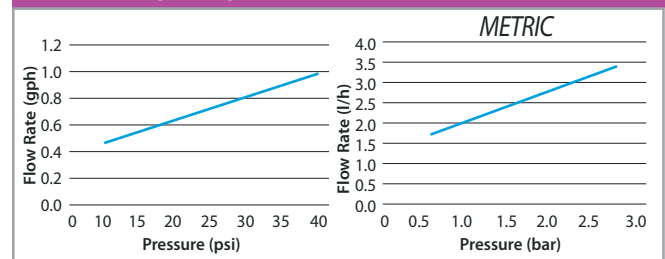
### Models

- LDQ0806100 • LDQ0812100

### Flow Characteristics

| Model      | Flow at 30 psi (gph) |     | Spacing (in.) |       | Coil Length (ft.) |       |
|------------|----------------------|-----|---------------|-------|-------------------|-------|
| LDQ0806100 | 0.8                  | 3.0 | 6             | 15.25 | 100               | 30.50 |
| LDQ0812100 | 0.8                  | 3.0 | 12            | 30.5  | 100               | 30.5  |

### 1/4" Landscape Dripline Performance



### Maximum Length of Run (Feet)

| Emitter Spacing | Maximum Length of Run | Flow per Ft. @ 15 psi |
|-----------------|-----------------------|-----------------------|
| 6"              | 19 feet               | 1 gph/ft.             |
| 12"             | 33 feet               | 0.5 gph/ft.           |