

## Distribution Components

Distribution Components: Xerigation tubing, fittings, risers and accessories deliver water from the control zone to the emission devices.

## Xeri-Tube™ 700

### Features

- Extruded from the finest linear, low-density, UV-resistant polyethylene resin materials.
- Manufactured under strict ASTM test methods with certified Union Carbide Fingerprint trace element to ensure highest quality.
- Thick-walled, flexible tubing resists kinks and damage caused by routine landscape maintenance activities.
- Fits into any Rain Bird Xerigation 700 Series 1/2" (15/21) compression fitting or flush cap.
- Fits over barbed inlet on the Xeri-Stake™ for Xeri-Bubbler™ and Xeri-Spray™ applications.

### Operating Range

- Pressure: 0 to 50 psi (0 to 3,5 bar)

### Specifications

- Outside diameter: 0.700" (18 mm)
- Inside diameter: 0.580" (15 mm)

### Models

- XT-700-100: 100-foot coil (30 m)
- XT-700-500: 500-foot coil (152 m)

**Note:** For both water conservation and appearance, it is recommended that a 2" to 3" (5 to 8 cm) mulch cover be placed on top of the tubing.



XT-700-100

### Xeri-Tube™ 700 Friction Loss Characteristics

O.D. .700" I.D. .580"

| Flow GPM | Velocity fps | Loss psi |
|----------|--------------|----------|
| 0.50     | 0.61         | 0.19     |
| 1.00     | 1.21         | 0.69     |
| 1.50     | 1.82         | 1.45     |
| 2.00     | 2.43         | 2.47     |
| 2.50     | 3.03         | 3.74     |
| 3.00     | 3.64         | 5.24     |
| 3.50     | 4.24         | 6.97     |
| 4.00     | 4.85         | 8.93     |
| 4.50     | 5.46         | 11.10    |
| 5.00     | 6.06         | 13.50    |
| 5.50     | 6.67         | 16.10    |
| 6.00     | 7.28         | 18.92    |

### METRIC

O.D. 18mm I.D. 15mm

| Flow m³/h | Flow l/h | Velocity m/s | Loss bar |
|-----------|----------|--------------|----------|
| 0,11      | 0,03     | 0,19         | 0,01     |
| 0,23      | 0,06     | 0,37         | 0,05     |
| 0,34      | 0,09     | 0,56         | 0,10     |
| 0,45      | 0,13     | 0,74         | 0,17     |
| 0,57      | 0,16     | 0,92         | 0,26     |
| 0,68      | 0,19     | 1,11         | 0,36     |
| 0,79      | 0,22     | 1,29         | 0,48     |
| 0,91      | 0,25     | 1,48         | 0,62     |
| 1,02      | 0,28     | 1,67         | 0,77     |
| 1,14      | 0,32     | 1,85         | 0,93     |
| 1,25      | 0,35     | 2,03         | 1,11     |
| 1,36      | 0,38     | 2,22         | 1,31     |

psi Loss per 100 Feet of Pipe (psi/100ft.) C=140  
bar Loss per 100 Meters of Pipe (bar/100m)

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

