

## XT-700 Distribution Tubing

Durable, thick-walled distribution tubing stands up to harsh conditions and performs well in all climates

### Features

- Thick-walled, flexible tubing resists kinks and damage caused by routine landscape maintenance activities
- Extruded from UV-resistant polyethylene resin materials

### Operating Range

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

### Specifications

- Outside diameter: 0.700" (18 mm)
- Inside diameter: 0.580" (15 mm)
- Wall thickness: 0.06" (1.5 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

### XT-700 Tubing Friction Loss Characteristics

O.D. .700" I.D. .580"			O.D. 18 mm I.D. 15 mm			METRIC	
Flow gpm	Velocity fps	Loss psi	Flow m <sup>3</sup> /h	Flow l/h	Velocity m/s	Loss bar	
0.50	0.61	0.19	0.11	0.03	0.19	0.01	
1.00	1.21	0.69	0.23	0.06	0.37	0.05	
1.50	1.82	1.45	0.34	0.09	0.56	0.10	
2.00	2.43	2.47	0.45	0.13	0.74	0.17	
2.50	3.03	3.74	0.57	0.16	0.92	0.26	
3.00	3.64	5.24	0.68	0.19	1.11	0.36	
3.50	4.24	6.97	0.79	0.22	1.29	0.48	
4.00	4.85	8.93	0.91	0.25	1.48	0.62	
4.50	5.46	11.10	1.02	0.28	1.67	0.77	
5.00	6.06	13.50	1.14	0.32	1.85	0.93	
5.50	6.67	16.10	1.25	0.35	2.03	1.11	
6.00	7.28	18.92	1.36	0.38	2.22	1.31	

*psi Loss per 100 Feet of Pipe (psi/100ft.)    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)

### Compatible Fittings



Twist Lock Fittings  
600 Series  
XT-700 & 1/2" XBS



Twist Lock Fittings  
800 Series  
3/4" XBS