Tech Spec

XFD Dripline With Greater Flexibility

Dripline Series



ON-SURFACE

Applications

Rain Bird XFD Dripline is the most flexible, kink-resistant tubing available. It is ideal for irrigating areas where traditional drip tubing is difficult to install. XFD Dripline is perfect for narrow and tight planting areas as well as zones with tight curves or many switchbacks. It accepts Rain Bird XF Dripline Insert Fittings, Easy Fit Compression Fittings, and other 17 mm barbed insert fittings. Installation times are reduced with the unique self-dispensing coil and unmatched tube flexibility. Rain Bird's low-profile emitter design reduces in-line pressure loss, allowing longer lateral runs, simplifying design and reducing installation time. XFD is simple, reliable and durable.

Features

Simple

- Unique material offers significantly greater flexibility and kink-resistance for fast, easy installation.
- The bend radius for XFD dripline is 3" no matter which way you bend the tube. Other driplines will bend 4" if bending with the natural curve of the coil and only 7" if bending against the natural curve of the coil prior to kinking.
- Greater flexibility assures design compatibility with tight curves and narrow spaces.
- Accepts Rain Bird XF Insert Fittings, Easy Fit Compression Fittings, 17mm insert fittings and LOC fittings
- Variety of flow rates, spacing and coil lengths provide design flexibility for a number of non-turfgrass applications.

Reliable

- The pressure-compensating emitter design provides a consistent flow over the entire lateral length ensuring higher uniformity for increased reliability in the pressure range of 8.5 to 60 psi.

Durable

- Dual-layered tubing (brown over black or purple over black) provides unmatched resistance to chemicals, algae growth and UV damage.

Operating Range

- **Pressure:** 8.5 to 60 psi (0,58 to 4,14 bar)
- **Flow rates:** 0.6 and 0.9 gph (2,3 l/hr and 3,5 l/hr)
- **Temperature:**
  Water: Up to 100°F (37,8° C)
  Ambient: Up to 125°F (51,7° C)
- **Required Filtration:** 120 Mesh

Specifications

- **OD:** 0.634"
- **ID:** 0.536"
- **Thickness:** 0.049"
- **12" and 18"** (30,5 cm and 45,7 cm spacing)
- **Available in 100', 250' and 500' Coils** (30,5 m, 76,5 m and 152,9 m)
- **Coil Color:** Brown with colored stripes which correspond to emitter flow rate



XFD Dripline Models

XFD-06-12-100	XFD-09-18-100
XFD-06-12-250	XFD-09-18-250
XFD-06-12-500	XFD-09-18-500
XFD-06-18-100	XFD-09-24-500
XFD-06-18-250	XFDP-06-12-500
XFD-06-18-500	XFDP-06-18-500
XFD-06-24-500	XFDP-09-12-500
XFD-09-12-100	XFDP-09-18-500
XFD-09-12-250	
XFD-09-12-500	

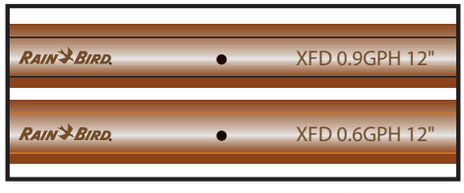
XF Blank tubing also available in brown and purple colors

How To Specify

XFD - 06 - 12 - 100

- **Model**
- **Flow Rate (0.6 GPH)**
- **Emitter Spacing (12" Inches)**
- **Coil Length (100 Feet)**

XFDP = Purple to indicate models that use non-potable water



NEW colored stripes designate flow rate. Black = 0.9 gph, Tan = 0.6 gph

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Specifications

The flexible polyethylene tubing shall have factory installed pressure-compensating, inline emitters installed every 12 or 18 inches. The flow rate from each installed inline emitter shall be 0.6 or 0.9 gallons per hour when inlet pressure is between 8.5 and 60 psi.

The inline emitter shall have a pressure-regulating diaphragm with a spring action allowing it to self-rinse if there is a plug at the outlet hole. The tube bend radius shall be 3 inches whether bending the tubing with the natural bend of the coil or against it.

The inline emitter inlet shall be raised off the inside tube wall to minimize dirt intrusion. The XFD Series Dripline inline tubing shall be manufactured by Rain Bird Corporation, Azusa, California.

XFD Dripline Maximum Lateral Length (Feet)

Inlet Pressure psi	Maximum Lateral Length (feet) 12" Spacing	
	Nominal Flow (GPH): 0.6	0.9
15	273	155
20	318	169
30	360	230
40	395	255
50	417	285
60	460	290

	18" Spacing	
	Nominal Flow (GPH): 0.6	0.9
15	314	250
20	353	294
30	413	350
40	465	402
50	528	420
60	596	455

XFD Dripline Maximum Lateral Length (Meters)

Inlet Pressure bars	Maximum Lateral Length (meters) 30.5 cm Spacing	
	Nominal Flow (l/h): 2.3	3.41
1.0	83.2	47.2
1.4	96.9	51.5
2.1	109.7	70.1
2.8	120.4	77.7
3.5	127.1	86.9
4.1	140.2	88.4

	45.7 cm Spacing	
	Nominal Flow (l/h): 2.3	3.41
1.0	95.7	76.2
1.4	107.6	89.6
2.1	125.9	106.7
2.8	141.7	122.5
3.5	160.9	128.0
4.1	181.7	138.7

LEED Compliant

Contains at least 20% post consumer recycled polyethylene which qualifies for LEED credit 4.2

Rain Bird's Professional Customer Satisfaction Policy

XF Series Dripline offers five (5) years on product workmanship and seven (7) years on environmental stress cracking

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