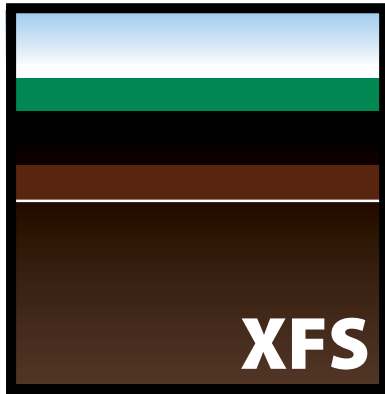


XFS Dripline With Copper Shield™ Technology

Dripline Series



SUB-SURFACE

Applications

Rain Bird® XFS Dripline with Copper Shield™ for sub-surface drip irrigation is the latest innovation in the Rain Bird Xerigation™ Family. Rain Bird's patent-pending Copper Shield™ Technology protects the emitter from root intrusion, creating a long-lasting, lowmaintenance sub-surface drip irrigation system for use under turf grass or shrub and groundcover areas. XFS Series Dripline with Copper Shield™ is perfect for small, narrow and tight planting areas, as well as areas with tight curves or many switchbacks.

It accepts Rain Bird Easy Fit Compression Fittings, XF Dripline Barbed Insert Fittings and other 17 mm barbed insert fittings.

Features

Simple

- Rain Bird's patent pending Copper Shield™ Technology protects the emitter from root intrusion with out requiring EPA-approved handling procedures unlike some manufacturers who use harsh chemicals or treated filters to protect the emitter from root intrusion
- Through the use of a proprietary tubing material, the XFS Dripline with Copper Shield™ is the most flexible dripline tubing in the industry making it the easiest sub-surface dripline to design with and install

- It accepts Rain Bird Easy Fit Compression Fittings, XF Dripline Barbed Insert Fittings and other 17 mm barbed insert fittings
- Rain Bird's low-profile emitter design reduces in-line pressure loss, allowing longer lateral runs, simplifying design and reducing installation time
- Variety of emitter flow rates, emitter spacing and coil lengths provide design flexibility for either sub-surface turf grass or sub-surface shrub and groundcover applications

Reliable

- XFS emitters are protected from root intrusion by Rain Bird's patent-pending Copper Shield™ Technology resulting in a system that does not require maintenance or replacement of chemicals to prevent root intrusion
- 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 (copper over black) provides unmatched resistance to chemicals, algae growth and UV damage
- Grit Tolerant: Rain Bird's proprietary emitter design resists clogging by use of an extra-wide flow path combined with a self-flushing action

Operating Range

- **Pressure:** 8.5 to 60 psi (,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

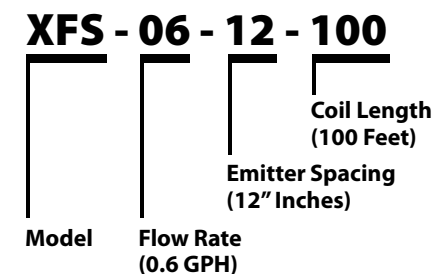
- **OD:** 0.634"
- **ID:** 0.536"
- **Thickness:** 0.049"
- **12", 18", 24"** (30,5 cm, 45,7 cm, 61,0 cm) spacing
- **Available in 100' and 500'** (30,5 m, 76,2 m and 152,4 m) coils
- **Coil Color:** Copper



XFS Dripline Models

- XFS-06-12-100
- XFS-06-12-500
- XFS-06-18-100
- XFS-06-18-500
- XFS-06-24-500
- XFS-09-12-100
- XFS-09-12-500
- XFS-09-18-100
- XFS-09-18-500
- XFSP-06-12-500
- XFSP-06-18-500
- XFSP-09-12-500
- XFSP-09-18-500

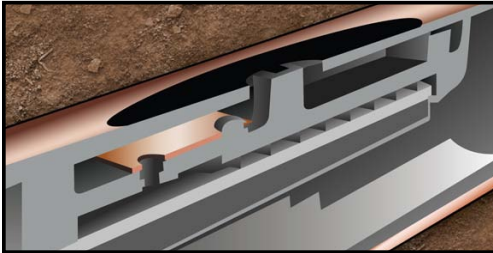
How To Specify



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

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Specifications

The flexible polyethylene tubing shall have factory installed pressure-compensating, inline emitters spaced evenly per listed spacing. 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 diaphragm 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 flexible tubing allows for easy non-linear installations. The inline emitter shall have copper shield technology installed to protect the emitter from root intrusion. The inline emitter inlet shall be raised off the inside tube wall to minimize dirt intrusion.

The XFS Dripline inline tubing shall be manufactured by Rain Bird Corporation, Azusa, California.

XFS Dripline - Maximum Lateral Length (Feet)

Inlet Pressure psi	Maximum Lateral Length (feet) 12" Spacing	
	Nominal Flow (GPH):	
	0.6	0.9
15	255	194
20	291	220
30	350	266
40	396	302
50	434	333

18" Spacing

Inlet Pressure psi	Maximum Lateral Length (feet) 18" Spacing	
	Nominal Flow (GPH):	
	0.6	0.9
15	357	273
20	408	313
30	494	378
40	560	428
50	614	470

24" Spacing

Inlet Pressure psi	Maximum Lateral Length (feet) 24" Spacing	
	Nominal Flow (GPH):	
	0.6	0.9
15	448	343
20	514	394
30	622	478
40	705	541
50	775	594

XFS Dripline - Maximum Lateral Length (Meters)

Inlet Pressure bars	Maximum Lateral Length (meters) 30,5 cm Spacing	
	Nominal Flow (l/h):	
	2,3	3,5
1,0	78	59
1,4	89	67
2,1	107	81
2,8	121	92
3,4	132	101

45,7 cm Spacing

Inlet Pressure bars	Maximum Lateral Length (meters) 45,7 cm Spacing	
	Nominal Flow (l/h):	
	2,3	3,5
1,0	109	83
1,4	124	95
2,1	151	115
2,8	171	131
3,4	187	143

61,0 cm Spacing

Inlet Pressure bars	Maximum Lateral Length (meters) 61,0 cm Spacing	
	Nominal Flow (l/h):	
	2,3	3,5
1,0	137	105
1,4	157	120
2,1	190	146
2,8	215	165
3,4	236	181

LEED Compliant



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

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The Intelligent Use of Water™

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