XFS Dripline With Copper Shield™ Technology
Dripline Series

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, low maintenance 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, XFF Dripline Barbed Insert Fittings and other 17 mm barbed insert fittings.

Features
Simple
• Rain Bird’s patent pending copper-colored XFS dripline with Copper Shield™ Technology protects the emitter from root intrusion, creating a long-lasting, low maintenance 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.

• Through the use of a proprietary tubing material, the copper-colored 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, XFF 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.

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 and 152,4 m) coils
• Coil Color: Copper, Purple, Copper with purple stripe

XFS Dripline Models

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<th>Model</th>
<th>Flow Rate (0.6 GPH)</th>
<th>Coil Length (100 Feet)</th>
<th>Emitter Spacing (12” Inches)</th>
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How To Specify
XFS = Purple to indicate models that use non-potable water
XFSP = Purple stripe to indicate models that use non-potable water

Operating Range
• Pressure: 8.5 to 60 psi (.58 to 4.14 bar)
• Flow rates: 0.42, 0.6 and 0.9 gph (1.6 l/h, 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

The flexible, copper-colored 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 0.4, 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.

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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