

# SharkBite® Manifolds

## DESCRIPTION

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The **SharkBite® Manifolds** combine SharkBite® push-fit technology with the value-added advantages of a manifold. The SharkBite® Manifolds are designed to simplify manifold and pipe installation in Copper, CPVC, and PEX potable water or hydronic heating system. Just insert the pipe and the stainless steel teeth bite down and grip tight - creating a water tight joint.

## FEATURES AND BENEFITS

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**Instant push-fit connection for increased ease of use:**  
*No soldering, clamps, unions, tools or glue required.*

**Reduced installation cost:**  
*Fewer fittings and connections.*

**Design certified and agency listed:**  
*Inspector friendly, peace of mind!*

**Every valve is tested for performance prior to shipping:**  
*Specify and install with confidence!*

**Expandable and flexible design:**  
*Increase the number of branches simply by connecting two manifolds together with SharkBite fittings.*

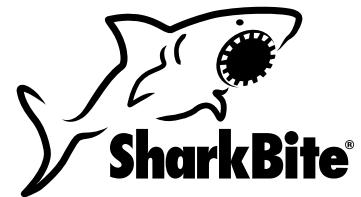
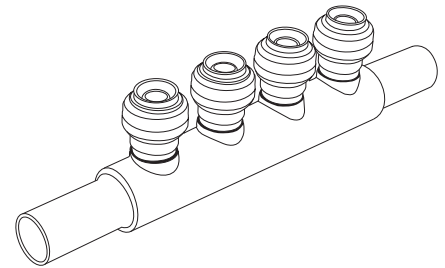
**Integral tube liner for PEX installation:**  
*Integrated design means no loose components, ensures secure, reliable connection.*

Designed for hydronic heating as well as potable water distribution.

## SPECIFICATION

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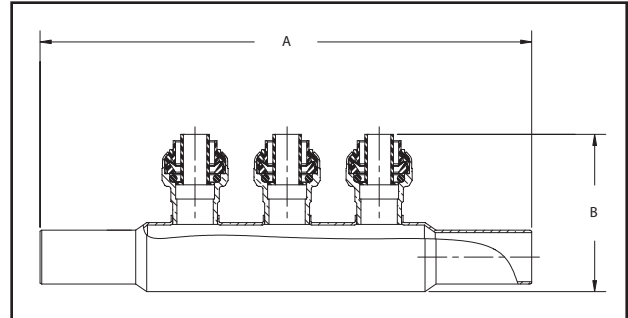
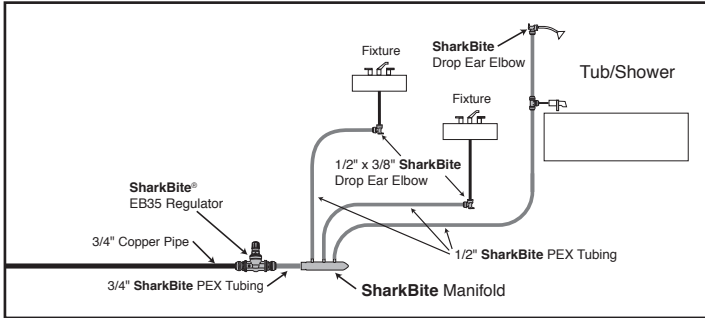
The main trunk line shall be connected to the SharkBite® Manifold with a SharkBite® push-fit fitting. The SharkBite® push-fit fitting shall be inserted onto the inlet or outlet of the manifold then the main water line shall be inserted into the other end of the SharkBite® push-fit fitting. The branch lines shall be connected to the manifold branches. The main and branch water lines shall be connected to the SharkBite® Manifold in accordance with the manufacturer's installation instructions. The installer shall not apply a torch or heat to the SharkBite® Manifolds.



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## TYPICAL INSTALLATION

The SharkBite® Manifold system, using traditional PEX components (manifolds, barbed fittings, clamp rings, etc.), offers the total lowest material cost. When you need special configuration fittings (such as Drop Ear Elbows), SharkBite push-fit fittings offer greater speed and efficiency than traditional barbed fittings while costing about the same.



## SPECIFICATION DATA

**Performance:**

- Maximum working pressure . . . 200 psi
- Maximum temperature . . . . . 200°F (93°C) max.
- Service . . . . . Potable water and Hydronic Heating

**SharkBite® Materials:**

- Manifold Body . . . . . 1" Copper
- Body . . . . . DZR brass
- O-Ring . . . . . EPDM
- Grab Ring . . . . . Stainless steel
- Tube Support Liner . . . . . Polysulfone

Item#	Branch Qty	Branch Size	Truck Ends	A	B
22995	3	1/2"	3/4" x 3/4"	7.99 (203)	2.52 (64)
22996	3	1/2"	3/4" x Closed	7.99 (203)	2.52 (64)
22997	4	1/2"	3/4" x 3/4"	9.57 (243)	2.52 (64)
22998	4	1/2"	3/4" x Closed	9.57 (243)	2.52 (64)

## CONNECTIONS

- SharkBite® Outlet . . . . . 1/2"
- Inlet CTS . . . . . 3/4"

## CERTIFICATIONS

The SharkBite® Manifolds have been tested and certified to ASSE 1061, ASTM F877 and NSF-61 for potable water and hydronic heating distribution systems.