

# New From Senninger Irrigation!

## Quick-Connect Riser Adapter

Senninger Irrigation's RISER ADAPTER is now available in a new quick-connect and disconnect design with a press-fit inlet and outlet for 0.270" ID tubing. This makes irrigating easier in hard-to-reach places and is ideal for temporary and portable systems.

**NEW!**

### Features

- Quick-connect with press-fit connection for 0.270" PE tubing only (Other models available)
- Allows sprinklers and spray nozzles with 1/2" M NPT base connection to be mounted securely onto 1/2" PVC, 3/4" PVC, or 5/16" steel rod stakes and connected to low pressure polyethylene laterals
  - No gluing or fusing required
- Available as individual components or as an assembly
- Assembly includes: One Riser Adapter; two press-fit barbs, 3 ft (0.9 m) PE tubing 0.270", one bushing
  - Outlet 1/2" F NPT
  - Super Barb Plug also available



*The Senninger Quick Connect Riser Adapter shown with the mini-Wobbler.*



*Super Barb Plug*

*Bushing*

*Bushing  
(Threaded)*

# Riser Adapter Assembly

## Quick Connect Riser Adapter

(Available for 0.270" PE I.D. tubing only)

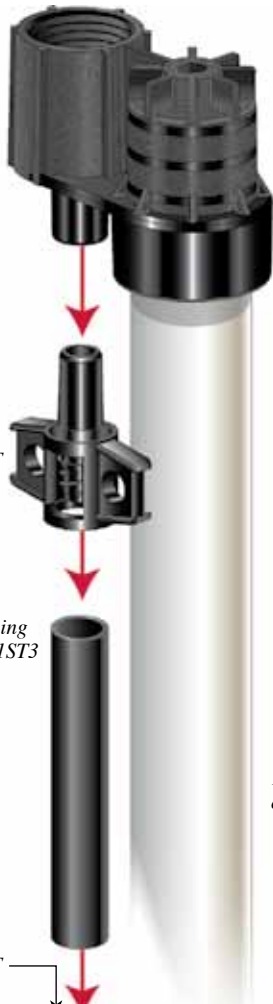
Quick-Connect Riser Adapter RSAD2T (Available for 0.270" PE I.D. tubing only)

Super Barb Fitting FTSB2T

0.270" I.D. Tubing 3 ft (0.9 m) TU1ST3

Super Barb Fitting FTSB2T

Super Barb Plug FTPLUG2T



1/2" or 3/4" PVC pipe or 5/16" steel rod

## Quick-Connect Riser Adapter

1. Place the riser adapter in the desired location
2. Support it with 1/2" or 3/4" PVC pipe or 5/16" steel rod
3. Cut Polyethylene tubing to desired length
4. Insert Super Barb (with tapered end) into both ends of tubing
5. Press fit one tapered end into riser adapter

Friction loss through the entire assembly (including 3 ft of 0.270" PE tubing) is 6.3 psi at 2.0 gpm (0.43 bar at 454 L/hr).

\* Consult factory for friction loss on flows greater than 2 gpm (454 L/hr) or tubing longer than 3 ft (0.9 m).

6. Using the proper punch tool, cut hole in LDPH lateral where the tubing will attach
7. Insert bushing into the hole
8. Press fit the remaining tapered end into the bushing

Bushing FTHS2T

Lateral

6. Using a 7/16" drill and tap to bore a 1/4" hole in HDPE lateral where the bushing will fit
7. Insert the threaded bushing into the tapped hole
8. Press fit the tapered end into the threaded bushing

Bushing (Threaded) FT1M2T

## Installation recommendations

### Riser Adapter

1. Place the riser adapter in the desired location
2. Support it with 1/2" or 3/4" PCV pipe or 5/16" steel rod
3. Cut Polyethylene tubing to desired length
4. Push one end of tubing approximately 1/2" into riser adapter
5. Insert Super Barb Fitting (with barbed end) into other end of tubing
6. Using the proper punch tool, cut hole in lateral where the tubing will attach
7. Insert barb into the hole

Riser Adapter RSAD270

0.270" I.D. Tubing 3 ft (0.9 m) TU1ST3

Super Barb Fitting FTA1B1B



Lateral

Friction loss through the entire assembly (including 3 ft (0.9 m) of 0.270" PE tubing) is 6.1 psi at 2.0 gpm (0.42 bar at 454 L/hr).

\* Consult factory for friction loss on flows greater than 2 gpm (454 L/hr) or tubing longer than 3 ft (0.9 m).

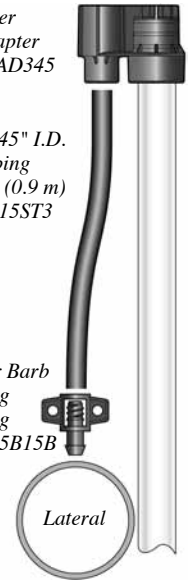
Tubing punch tools sold separately:

- TUPTAP51 for 0.345" barb fitting and press-fit bushing (red handle).
- TUPTAP41 for 0.270" barb fitting (green handle).

Riser Adapter RSAD345

0.345" I.D. Tubing 3 ft (0.9 m) TU15ST3

Super Barb Fitting FTA15B15B



Lateral

Friction loss through the entire assembly (including 3 ft (0.9 m) of 0.345" PE tubing) is 1.6 psi at 2.0 gpm (0.11 bar at 454 L/hr).

\* Consult factory for friction loss on flows greater than 2 gpm (454 L/hr) or tubing longer than 3 ft (0.9 m).