

In-Line Cap System Installation Instructions

Revision: April 15, 2026

Applies To: Generators of Hazardous Waste, Collecting Waste Through Tubing

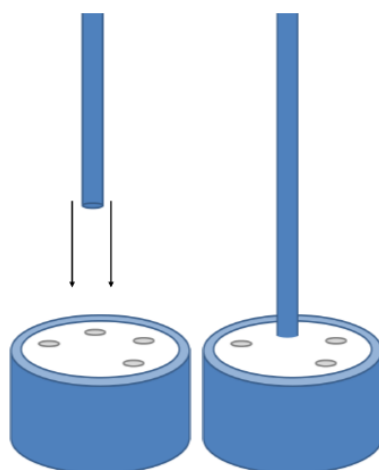
An Animated Power Point showing the installations of the In-Line Cap System can be downloaded on the [Chemical Waste page](#). Additional help can be obtained by calling EHS's Hazardous Materials Management program at (734) 763-4568.

1.



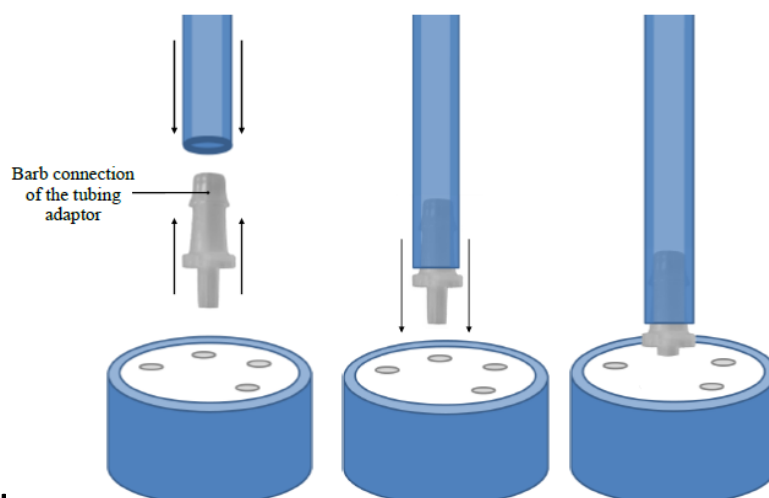
Note: The cap can accommodate 3 inputs. One port must be used with a check valve to prevent over pressurization.

2.



Connecting 1/8 inch hard walled tubing. The caps are designed to accept 1/8 inch hard walled tubing without the use of an adaptor. Starting from the top of the cap insert the end of the 1/8 inch hard walled tubing through an unused port.

3.



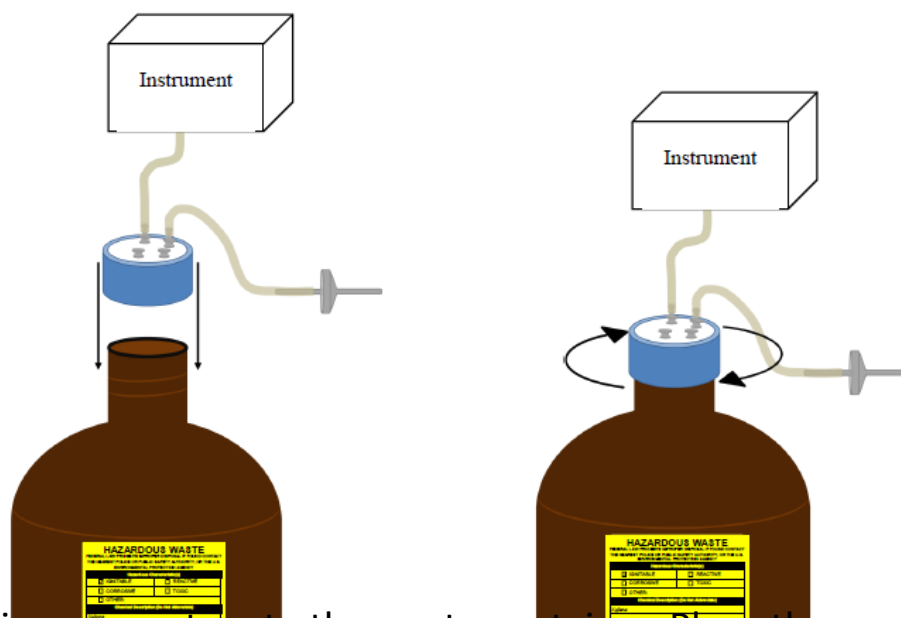
Connecting tubing that appropriate size. Insert tubing onto the barb connection of the tubing adaptor. Then insert the tubing adaptor into the top of the cap.

4.



Plugging unused ports. Plug all unused ports by inserting Luer Plugs into the unused ports.

5.



Attaching the in-line cap system to the waste container. Place the cap on the bottle and twist the blue part of the cap clockwise.

6.



Keeping the check valve attached to the system is critical in maintaining a closed system. Never remove the check valve from the cap.

Containment - To help contain and prevent spills, place the waste container into a containment device. If the waste label is not easily seen, attach an additional completed waste label to the containment device.