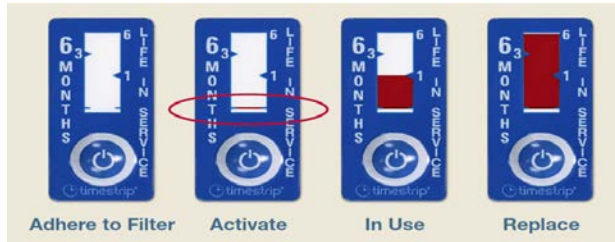


Vapor Seal and Proper Waste Cap Guidelines

1. All liquid waste coming from equipment to the designated waste container must be properly sealed to prevent spills and vapor leakage. Drilling holes into caps and adhering with paraffin tape will no longer be accepted as a closed container per NMED (40 CFR 265.173(a))

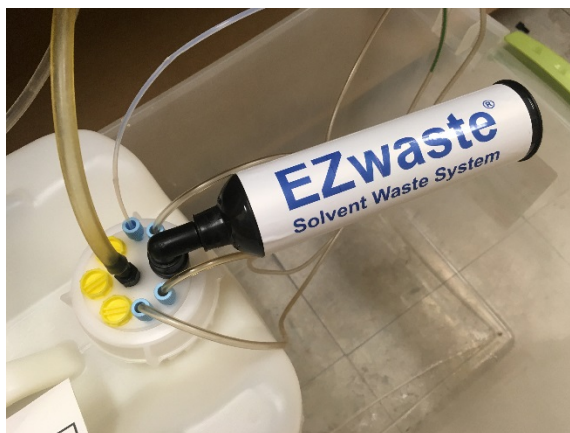


2. All components of the equipment waste must meet applicable compliance requirements of being completely sealed with no release of vapors.
3. We currently use two waste containers for handling equipment waste. Most labs with full operation machines use 20 liter carboys with a 70mm cap. Other labs with smaller operations use your standard lab GL 45 caps which fit most of your lab glass 2-3 liter containers.
4. The following are recommendations from EHS&RM to labs regarding products that meet compliance standards and are specifically designed for equipment. **(Waste Effluent Only)**
 - **Phenomenex Security Caps** - GL 45 caps for your smaller 2-3 liter glass waste containers
 - **Product # AC1-1545**
 - These waste filter caps come with a 6 month expiration waste filter, ports with fittings, and additional caps to cap off ports not in use.
 - A TimeStrip change indicator is easily activated by pushing the activation button. The color bar indicates when a filter change is needed.
 - All filters must be collected for proper disposal as regulated waste and placed in the Hazardous Waste Accumulation Point area.
 - For more info. please visit <http://www.phenomenex.com/products/hplcdetail/secc>



- **Foxx Life Sciences EZ Waste Cap** – 70mm cap fits 20 liter carboy containers
- **Product # 330 – 0C15 – OEM** offers the most port options. Other various EZ Waste Caps are available with various port sizes that are needed.
- These waste filter caps come with a 3-6 month expiration waste filter, ports with fittings, and additional caps to cap off ports not in use.
- EZ Waste filters use activated charcoal for filtration and must be dated immediately when installed to begin the 3-6 month Expiration date of the filter.
- All filters must be collected for proper disposal as regulated waste and placed in the Hazardous Waste Accumulation Point area.
- For more info. Please visit https://www.foxxlifesciences.com/collections/solvent-waste/cap-size_70mm





Waste Filter Disposal

1. Once your waste filter has reached its expiration date or the filter becomes saturated and needs replacement, **ALL** waste filters must be collected for proper disposal.
2. All filters must be placed in a **Hazardous Waste Accumulation Point** area with a Hazardous Waste Tracking Form attached and all contaminants identified. Waste filters will be picked up by an EHS&RM Hazardous Waste member. Please call 646-3327 to schedule a pick up.

Replacement Filters

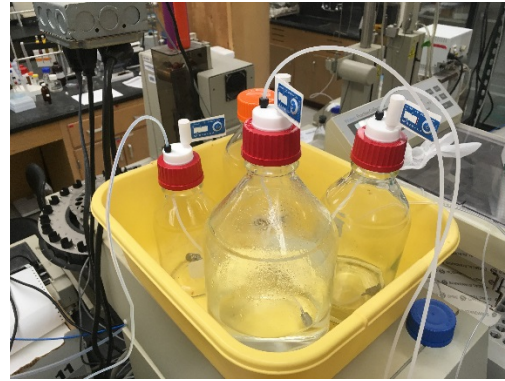
1. Once the initial cap size has been purchased, replacement filters may be ordered as needed and additional caps and parts may be ordered depending on usage.

Additional Cap Recommendations

1. While the Waste effluent from machines must be in full compliance, EHS&RM identified other products to prevent vapor release of incoming usable product to your equipment operations.
2. To ensure your equipment operations from incoming to outgoing liquids are completely vapor sealed, the following are products are available: **(Incoming Usable Product Only)**
 - **Phenomenex Security Caps Stater Kit** - GL 45 caps for your smaller 2-3 liter glass containers (Incoming Usable Product, not for the Waste End)
 - **Product # AC2 – 4245**
 - These waste filter caps come with a 6 month expiration waste filter, ports with fittings, and additional caps to cap off ports not in use.
 - A TimeStrip change indicator is easily activated by pushing the activation button. The color bar indicates when a filter change is needed.
 - All filters must be collected for proper disposal as regulated waste and placed in the Hazardous Waste Accumulation Point area.
 - For more info. please visit <http://www.phenomenex.com/products/hplcdetail/secc>



(Not the best method)



(Recommended Set Up)

