VOCLok

A Closed-Loop HPLC Solvent Waste Solution

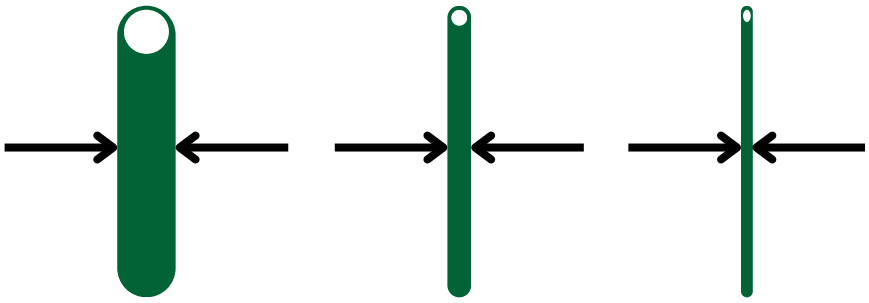
Triumvirate Environmental's VOCLok chemical solvent waste collection system is designed to effortlessly enable safety and compliance in labs of all types and sizes. Each system includes a carbon filter to capture harmful volatile organic compounds (VOCs), a two-part, degradation-resistent and compliant cap system, and ports of various sizes to fit any need. See the callout to the right to see what this means.

Sizing Guide and Configurations

The many VOCLok configuration possibilities can be complex and confusing. To determine the appropriate fitting requirements for your lab, follow the approximate measurements below.

OD Measurements:

Place the tube next to each of the images to determine the correct tubing sizing.



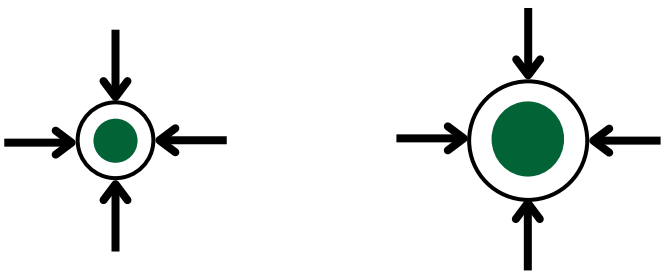
1/4" OD (6.35mm)

1/8" OD (3.175mm)

1/16" OD (1.5875mm)

ID Measurements:

Place the end of the flat tube on the paper to determine if the dark green area is contained by the tubing.



1/4" ID (6.35mm)

3/8" ID (9.525mm)



The VOCLok Solution

1. Carbon exhaust filter; tube fittings to securely attach waste tubes; and plugs for unused ports
2. Versatile two-part cap—by using both a ring and a puck, tubing can stay in place, even when the ring is unscrewed or removed; replaceable, sulfur-cured rubber gasket prevents degradation; and closed cap for safe transport
3. Ergonomic design and compatible with all common chemicals

The following containers are compatible with the VOCLok system:

- Department of Transportation (DOT)-rated containers, 70mm opening
- DOT-rated drums, fine thread bung opening
- Nalgene containers, 83mm or 120mm opening
- 4L low density polyethylene (LDPE) Nalgenes, 38/430mm opening