

# VapLock™ Closed Systems

## Protect lab personnel from hazardous solvent vapors

- Minimize chemical exhaust from solvent reservoir bottles and waste containers—ideal for HPLC and other analytical testing instruments
- Avoid costly fines by maintaining regulatory compliance
- Achieve repeatable results and ensure the purity of the process
- Simply attach to any standard solvent bottle and waste container
- Quick and easy setup—modular design adapts to most existing carboys and solvent reservoirs
- Versatile—large selection of components provides a solution for any system, plus custom solutions available

### Are You Protected from **Dangerous Vapors?**

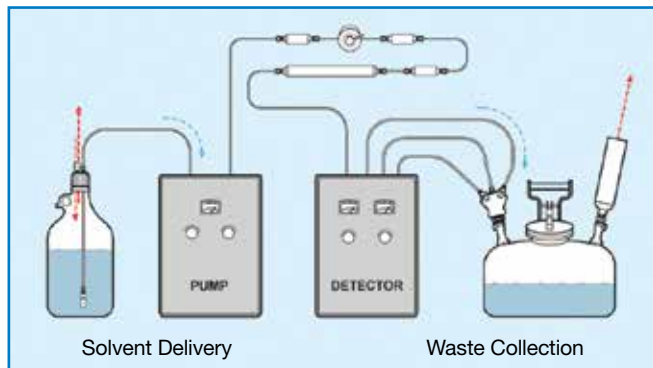
**Films and foils** do not safeguard you from exposure to hazardous solvents, some of which are known carcinogens. These loose container covers allow chemical exhaust to be released into the environment, posing health and safety risks, as well as regulatory violations.



# VapLock Closed System

## Solvent Delivery

- Cap seals securely to prevent contamination and evaporation
- Integral check valve prevents vapors from escaping
- Filtered air replaces fluid withdrawn from the container, maintaining equilibrium
- Simple and quick bottle changes—easy to remove without tangling inlet tubes



### Solvent Delivery Container Caps.

PTFE cap body, PP spin collar, PTFE/SS integrated air inlet valve, and 50 µm PTFE exhaust filter.

| Cap size | Ports            | Seal material | Catalog number   |
|----------|------------------|---------------|------------------|
| GL45     | (2) ¼"-28 UNF(F) | FFKM          | <b>76287-652</b> |
|          |                  | EPDM          | <b>76287-506</b> |
|          | (4) ¼"-28 UNF(F) | FFKM          | <b>76287-654</b> |
|          |                  | EPDM          | <b>76287-508</b> |

## A Solution for Any System

Vaplock Closed Systems are modular, with a full range of available options to adapt to most any system. Choose from a variety of materials for chemical compatibility, and multiple port connections and bottle sizes for versatility.



For our full selection, visit [ColeParmer.com/VapLock](http://ColeParmer.com/VapLock).

Custom solutions are also available—contact our Application Specialists for details. **1-800-932-5000**

## Waste Collection

- Fully enclosed and sealed system collects waste while containing harmful vapors
- Manifolds include multiple connection ports to adapt to your system; free-spinning collar allows quick disconnect



- Exhaust filter absorbs solvent vapors to prevent escaping to the environment; choose filter with breakthrough indicator to know when to replace
- Includes everything needed for closed waste containment—select a waste manifold kit to use with your existing container, or choose a system with waste container included



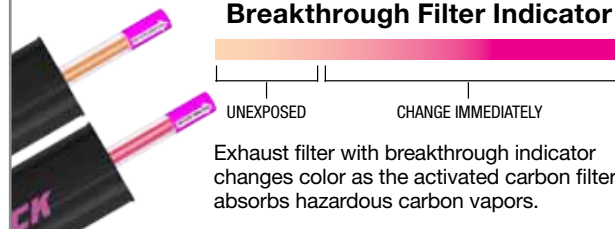
**Waste Manifold Kits.** Include a 10-port manifold [6 ports x ¼"-28 UNF(F), 3 ports x ¼" NPT(F), and 1 port x ½" NPT(F)], fittings, plugs for unused ports, tubing with connections, and exhaust filter with breakthrough indicator.

| Cap size   | Manifold material | Catalog number   |
|------------|-------------------|------------------|
| 38-430     | PTFE              | <b>76287-556</b> |
| Wako 38 mm | PP                | <b>76287-756</b> |
| Wako 38 mm | PTFE              | <b>76287-758</b> |
| GL45       | PTFE              | <b>76287-770</b> |
| DIN 45     | PP                | <b>76287-780</b> |

**Solvent Waste Systems.** Include container, manifold, fittings, plugs for unused ports, tubing with connections, and exhaust filter with breakthrough indicator.

| Container   | Manifold       | Fittings             | Catalog number     |
|---|----------------|----------------------|--------------------|
| 20-L capacity, translucent PE; FM approved, OSHA, NFPA, and EPA compliant | 10 ports, PP   | Quick-disconnect, PP | <b>ML-12020-69</b> |
|   | 10 ports, PTFE | Quick-disconnect, SS | <b>ML-12020-70</b> |

### Breakthrough Filter Indicator



Exhaust filter with breakthrough indicator changes color as the activated carbon filter absorbs hazardous carbon vapors.

**Replacement Exhaust Filters.** Activated carbon, HDPE cartridge, ¼" NPT(F) port.

| Description                             | Qty | Catalog number   |
|---|-----|------------------|
| 75 g filter                             | 1   | <b>76287-700</b> |
|   | 5   | <b>76287-704</b> |
| 75 g filter with breakthrough indicator | 1   | <b>76287-702</b> |