

## VAPOR FILTER ADAPTERS

- Adapt vapor filters to point source emissions
- Custom adapter solutions available
- All adapters are reusable

VAPLOCK™ EF-100 vapor filters require an adapter for connection to various emission sources. Each filter contains a tapered 1/4" female NPT port; select from the list below to adapt filters to a typical system, or contact your distributor for assistance with any special requirements. Note that filter adapters for Justrite containers are made to fit **either** stainless steel **or** Polypropylene quick disconnects, but may not be interchangeable. Stainless must connect to stainless, and so on. Stainless quick disconnect options allow for either a Teflon or Viton O-ring.



**FA-001**  
Adapter with male luer lock



**FA-002**  
Adapter with male slip luer



**FA-019**  
Adapter with 1/4-28 male thread



**FA-004**  
Adapter with 1/4" NPT male thread



**FA-005**  
Adapter with 1/2" NPT male thread



**FA-017**  
Adapts filter to a female Polypropylene quick disconnect on a Justrite waste can, with elbow adapter



**FA-010**  
Adapts filter to a female Polypropylene quick disconnect on a Justrite waste can



**FA-018**  
Adapts filter to a female stainless steel quick disconnect on a Justrite waste can, with elbow adapter



**FA-015**  
Adapts filter to a female stainless steel quick disconnect on a Justrite waste can

### VAPOR FILTER ADAPTERS

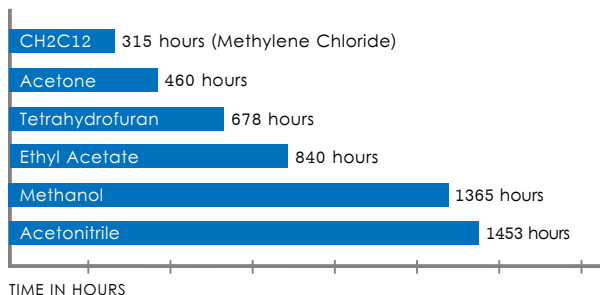
<b>FA-001</b>	Luer lock adapter, Polypropylene
<b>FA-002</b>	Male slip-type luer adapter, Polypropylene
<b>FA-003</b>	1/4-28 adapter, long, Polypropylene
<b>FA-004</b>	1/4" NPT adapter, Polypropylene
<b>FA-005</b>	1/2" NPT adapter, Polypropylene
<b>FA-010</b>	Justrite® can adapter, PP / EPDM
<b>FA-007</b>	Justrite® can adapter, SS / Viton®
<b>FA-015</b>	Justrite® can adapter, SS / Teflon®
<b>FA-017</b>	Justrite® can adapter, elbow, PP / EPDM
<b>FA-018</b>	Justrite® can adapter, elbow, SS / Viton®

## SOLVENT VAPOR FILTERS

- Minimize vapors by adsorption before they enter the lab environment. Tested for breakthrough with a variety of HPLC solvents.
- Constructed of activated coconut shell carbon and silica desiccant, with Polypropylene housing
- Economically priced

Reduce your emissions from solvent waste containers by installing a Vaplock™ vapor filter, which may be adapted to a number of low pressure organic vapor sources. The filters have been tested for breakthrough with several common solvents used in HPLC. Below, the chart shows manufacturer recommended replacement periods by solvent, based on empirical data from collected gas samples analyzed on a gas chromatograph. The solvent samples were tested at 100% concentration; for HPLC use, water-solvent mixtures from gradients may have longer breakthrough periods. Spent cartridges should be disposed in accordance with local safety codes.

RECOMMENDED CARTRIDGE REPLACEMENT PERIODS, BY SOLVENT  
Based on a constant vapor stream flow rate of 1mL/min at S.T.P.



Breakthrough data is based on 100% concentration of the listed solvent; Breakthrough for water-solvent mixtures may be longer.



### ACTIVATED CARBON VAPOR FILTERS

EF-100	Vaplock filter cartridge
EF-100V	Vaplock filter cartridge, pack of 5