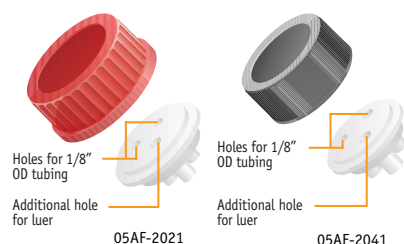


# Liquid Handling

## Upchurch® Bottle Caps



Bottle caps are manufactured of inert Tefzel® and polypropylene. They fit standard GL-45 or smaller-neck GL-38 glass bottles.

Each cap has three holes. With two of the holes you simply push your tubing straight through. The third hole, with a luer taper, can be used for a number of options. Any male luer will fit snugly in this hole, or you can use our 05AF-2121 or 05AF-2131 Plug.

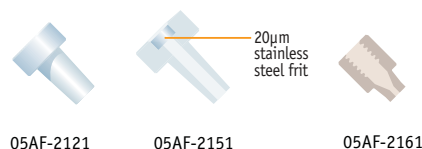
## Omnifit® Bottle Caps



Omnifit® bottle caps are made from a single PTFE block built into a Polypropylene threaded cap. The anti-twist design enables the central block to turn independently when the cap is being connected onto the bottle. This prevents tubing from being twisted and tangled. The 1/4-28 ports have non-wetted stainless steel threaded inserts to ensure an accurate, reliable connection time and time again. Omnifit caps are available with or without Kel-F® turn-key valves which provides a completely closed system whenever necessary.

| Ordering Information                                |     |           |
|-----------------------------------------------------|-----|-----------|
| Description                                         | QTY | Part No.  |
| <b>Upchurch® Bottle Caps for GL-45 Bottles</b>      |     |           |
| For 3/16" OD tubing, red                            | 1   | 05AF-2011 |
| For 1/8" OD tubing, red                             | 1   | 05AF-2021 |
| For 1/16" OD tubing, red                            | 1   | 05AF-2031 |
| <b>Upchurch® Bottle Caps for GL-38 Bottles</b>      |     |           |
| For 1/8" OD tubing, black                           | 1   | 05AF-2041 |
| For 1/16" OD tubing, black                          | 1   | 05AF-2051 |
| <b>Omnifit® Solvent Reservoir Bottle Caps, GL45</b> |     |           |
| Bottle cap, with 2 ports                            | 1   | 05AF-2061 |
| Bottle cap, with 3 ports                            | 1   | 05AF-2071 |
| Bottle cap, with 4 ports                            | 1   | 05AF-2081 |
| Bottle cap, with 2 valves                           | 1   | 05AF-2091 |
| Bottle cap, with 3 valves                           | 1   | 05AF-2101 |
| Bottle cap, with 4 valves                           | 1   | 05AF-2111 |

## Bottle Cap Plugs and Adaptors



Use 05AF-2121 Bottle Cap Plug to seal the third "tapered" luer hole. Or, use 05AF-2141 Plug to seal unused 1/16" or 1/8" bottle cap holes. Alternatively, try 05AF-2131 or 05AF-2151 Filter Bottle Cap Plug for an extra cap hole. The 20µm SS frit prevents foreign matter from contaminating solvent while leaving the bottle open to the atmosphere, thus allowing fluid to be pulled out without creating a vacuum.

All plug bodies are ultra-high molecular weight polyethylene (UHMWPE). 05AF-2161 Bottle Cap Adapter allows use of 1/32" OD tubing with caps.

| Ordering Information            |     |           |
|---------------------------------|-----|-----------|
| Description                     | QTY | Part No.  |
| <b>Bottle Cap Plugs</b>         |     |           |
| Tapered hole                    | 1   | 05AF-2121 |
| Filter, Tapered hole, 20µm Frit | 1   | 05AF-2131 |
| 1/8" hole                       | 1   | 05AF-2141 |
| Filter, 1/8" hole, 20µm SS frit | 1   | 05AF-2151 |
| Male luer                       | 1   | 05AF-2161 |

## Glass Bottles



Economical glass mobile phase bottles with Teflon®-lined screw caps are available in 500mL, and 1000mL sizes. These graduated borosilicate glass bottles can be ordered individually or by the case.

| Ordering Information                 |     |           |
|--------------------------------------|-----|-----------|
| Description                          | QTY | Part No.  |
| <b>Graduated Glass Bottles w/Cap</b> |     |           |
| 500 mL, 33-430 Thread                | 1   | 05AF-2171 |
| 500 mL, 33-430 Thread                | 1   | 05AF-2176 |
| 500 mL, GL45 Thread                  | 1   | 05AF-2181 |
| 500 mL, GL45 Thread                  | 1   | 05AF-2186 |
| 1,000mL, 38-430 Thread               | 1   | 05AF-2191 |
| 1,000mL, 38-430 Thread               | 1   | 05AF-2196 |
| 1,000mL, GL45 Thread                 | 1   | 05AF-2201 |
| 1,000mL, GL45 Thread                 | 1   | 05AF-2206 |