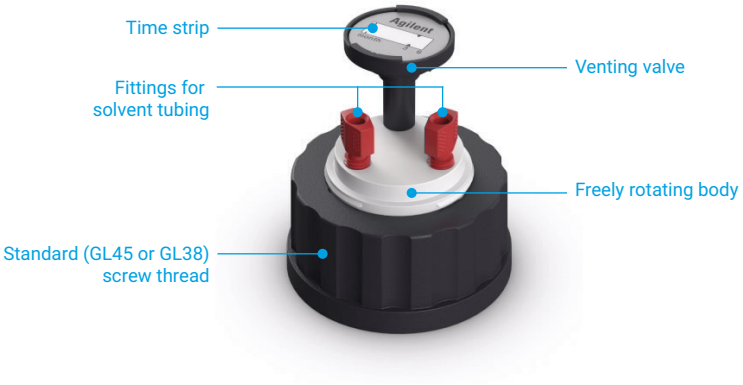
Package Insert

Agilent InfinityLab

Agilent InfinityLab Stay Safe Caps

Engineered for efficiency and ease of use



General information

Agilent InfinityLab Stay Safe caps will help protect your employees' health by reducing harmful solvent emissions, as well as prevent chromatographic retention time shifts from concentration change by solvent evaporation.

The ergonomic design allows an easy, tool-free replacement of solvent due to freely rotatable cap inserts and finger-tight fittings that avoid twisted tubes during container exchange.

The InfinityLab time strips on the venting valve and the charcoal filter optimize Stay Safe cap usage, with clear information regarding when to exchange these parts.

Agilent

Stay Safe caps – long-term safety and mobile phase consistency



InfinityLab Stay Safe caps are engineered to help you maintain your solvent-free lab with a special strip to show when it is time to replace your venting valve. Just unscrew the old valve and replace it with a new one.

To keep your Stay Safe caps working optimally, replacing the venting valve every six months is recommended.

Agilent offers a full family of products to support lab safety, from solvent caps for different size solvent bottles, to waste containers, fittings, and more. See the ordering information chart for a full view of products and accessories.

Description	Part Number
Venting valve with time strip, 1 µm	5043-1190

Installing InfinityLab Stay Safe caps



Installation procedure

1. Install the venting valve at a free port on the Stay Safe cap, and activate the time strip.*
2. Guide the solvent tube through the proper fitting on the safety cap (standard 3.2 mm id), and push the open end through a free port on the Stay Safe cap.
3. Attach the solvent inlet filter onto the open end of the tubing.
4. Screw the Stay Safe cap on top of the solvent bottle.
5. Adjust the height of the solvent inlet filter within the bottle.
6. Tighten the fitting by turning it clockwise.

* No venting valve on waste caps. Use Charcoal filter (5043-1193) instead.

Hints for successful operation

- Always plug unused ports with a proper plug (e.g., part number 5043-1198) to avoid uncontrolled solvent evaporation or contamination.
- One of the available ports on the Stay Safe caps (part numbers 5043-1217, 5043-1218, 5043-1219, 5043-1333, and 5043-1334) must always be populated with the venting valve to avoid underpressure.
- For a tight connection, choose the correct fitting to match the od of your solvent tube.
- Replace the charcoal filter and venting valve in time to ensure proper operation.

See *How to use the time strip* for special information delivered with the venting valve and charcoal filter.

Specifications

Wetted material: PFA, PTFE, ETFE, or PP

Ordering information

Description	Part Number
Stay Safe Caps	
Stay Safe cap GL45, with 1 port + 1 vent valve (5043-1190) + fitting, 3.2 mm	5043-1217
Stay Safe cap GL45, with 2 ports + 1 vent valve (5043-1190) + 2 fittings, 3.2 mm	5043-1218
Stay Safe cap GL45, with 3 ports + 1 vent valve (5043-1190) + 3 fittings, 3.2 mm	5043-1219
Stay Safe cap for waste, GL45 with 4 ports + 1 leak hose + 4 fittings (2 × 3.2 mm, 1 × 2.5 mm, 1 × 1.6 mm)	5043-1220
Stay Safe cap for waste, S60 with 4 ports + 1 leak hose + 4 fittings (2 × 3.2 mm, 1 × 2.5 mm, 1 × 1.6 mm)	5043-1336
Stay Safe cap, S60 with 4 ports + 1 leak hose + barbed fittings (for spectroscopy)	5043-1326
Stay Safe cap GL45, with 1 port for prep LC + 1 vent valve (5043-1190) + 1 fitting, 4.7 mm	5043-1333
Stay Safe cap GL45, with 2 ports for prep LC + 1 vent valve (5043-1190) + 2 fittings, 4.7 mm	5043-1334
Kits	
Waste can, 6 L, (5043-1196) + Stay Safe cap GL45 with 4 ports (5043-1220)	5043-1221
Stay Safe cap starter kit – contains 4 caps (3 × 5043-1217, 1 × 5043-1218)	5043-1222
Waste can, 10 L (5043-1337) + Stay Safe cap S60 with 4 ports (5043-1336)	5043-1338
For Fitting Ports	
Fitting for 1.6 mm tubing, PFA, 2/pk	5043-1214
Fitting for 2.5 mm tubing, PFA, 2/pk	5043-1215
Fitting for 3.2 mm tubing, PFA, 2/pk	5043-1216
Fitting for 4.7 mm tubing, for prep LC caps (5043-1333, 5043-1334), PFA, 2/pk	5043-1335
Screw plug, 1/4"-28 UNF thread, PTFE, 2/pk	5043-1198
Screw plug, 5/16"-24, POM, for prep LC caps (5043-1333, 5043-1334), 2/pk	5005-2970
Barb fitting, 1/4"-28 male to 1/8 in	G8485-80001
For Vent Port	
Venting valve with time strip, 1 µm	5043-1190
For Filter Port	
Charcoal filter with time strip, 58 g, for waste container	5043-1193
For Waste Port	
2 Ports waste collector	5043-1207
Screw plug, 1/8"-27 NPT	5043-1195
Miscellaneous	
Thread adapter, GL45(M) to GL40(F)	5043-1191
Thread adapter, GL45(M) to GPI38-430(F)	5043-1192
Waste can, 6 L, GL45	5043-1196
Waste can, 10 L, S60	5043-1337
InfinityLab Stay Safe purging bottle	5043-1339

www.agilent.com/en/products/infinitylab/infinitylab

DE-000834

This information is subject to change without notice.

© Agilent Technologies, Inc. 2020, 2024
Printed in the USA, September 18, 2024
5994-7805EN

Agilent
Trusted Answers