



## VICI JOUR - Mobile Phase Handling Systems

### VICI JOUR PRODUCTS

- Tubing for chromatography
- High pressure fittings
  - Nanovolume
  - Stainless steel
  - Polymeric
- Low pressure fittings
- Filters & mobile phase filters
- Mobile phase handling systems
- Frits
- PEEK columns & guard columns
- Sample loops
- Accessories/miscellaneous

A variety of specialized bottles, caps, and accessories for mobile phase handling systems.

### Mobile Phase Handling Systems

- Safety-coated glass bottles
- VICI-Cap
- Eco-Cap
- SolviFlex
- Check valve for helium sparging line



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### Safety-coated Glass Bottles

- Special design for helium sparging of LC mobile phases
- Safety coating minimizes risk of injury

VICI Jour Safety-Coated Glass Bottles are available in 1 and 2 liter sizes. Schott Duran® glass bottles with GL45 screw threads are coated on the outside with a sturdy polymer layer. The chances of breaking the bottle by dropping it are decreased, and if a bottle should break, the glass fragments are kept inside the polymer coating. The coating will contain the solvent for a short while – long enough for safe disposal – and also protects solvents against UV light up to 385 nm.



**Note:**

*The safety coating is not intended to replace safe working conditions and precautions in laboratories. The bottles are not for use with pressures above 0.8 bar (11.6 psi). Use only for continuous helium sparging.*

### Safety-coated Glass Bottles

**Pressure rating: 0.8 bar (11.6 psi)**

Description	Product No.
1 liter bottle	JR-9000-0005
2 liter bottle	JR-9000-0010

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### Further Reference

Safety-coated bottles

SS filters

PTFE tubing

Flangeless PEEK nuts

EFTE ferrules

### VICI-Cap

- Ideal for helium sparging and delivering mobile phase
- Available with a bottle as a kit

The VICI-Cap is the most economical way to helium sparge and deliver mobile phases. The insert is manufactured from PTFE, with an EPDM O-ring and a polypropylene pouring ring. For different options (e.g. helium sparging), there are 3 ports for tubing insertion – 2 x 1/8" and 1 x 1/16". The tubing ports are made so that you just push the tubing through the hole, or you can use 1/4"-28 fittings for the best connections. A plug is included to close any port not required.



The kits contain all the fittings, plugs, and tubing needed to sparge and deliver LC mobile phases, with the option of a 1 or 2 litre safety-coated bottle as well.

We recommend our [No-Ox tubing](#) to prevent "regassing" of degassed solvents.

#### Note:

*These caps are not suitable for building up a helium atmosphere within the solvent bottle. They should be used only for continuous helium sparging.*

### VICI-Caps

Description	Product No.
GL45 threads, 1 plug	JR-9000-0001
S40 threads, 1 plug	JR-9000-0006

### VICI-Cap Kits

Description	Product No.
Basic kit	JR-9000-0002

Basic kit with 1 L bottle	JR-9000-0003
Basic kit with 2 L bottle	JR-9000-0004

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### Eco-Cap

- Competitively-priced alternative for sparging and delivering mobile phases

The Eco-Cap has an ETFE insert, polyethylene collar, and standard GL45 threads. The three holes for tubing insertion have no threads inside the tubing ports, so tubing can easily be pushed through. A plug is included to close any unused port.



We recommend our [No-Ox tubing](#) to prevent "regassing" of degassed solvents.

**Note:**

*These caps are not suitable for building up a helium atmosphere within the solvent bottle. They should be used only for continuous helium sparging.*

### Eco-Cap

Description	Product No.
GL45 threads, 1 male luer plug	JR-9000-0007

### Further Reference

- [Safety-coated bottles](#)
- [SS filters](#)
- [PTFE tubing](#)

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### SolviFlex

- Be "mobile" with mobile phase bottles
- Available for GL45 and S40 thread sizes
- Customized versions on request

The 1/8" PFA-inlet line SolviFlex is a flexible telephone cable type which expands and contracts, giving the flexibility to move mobile phase bottles on the bench.

All SolviFlex assemblies consist of a biocompatible 5 µm mobile phase filter and all parts needed to connect it to any 1/4"-28 port. Models are available with caps for bottles with GL45 and Merck® S40 threads. Or send us a cap, and we'll make a customized version.



**Note:**

Color and design of S40 caps may differ from illustration.

### SolviFlex

Description	Product No.
Assembly without cap	JR-6120-50030
Assembly with GL45 cap	JR-6120-50031
Assembly with S40 cap	JR-6120-50032
Assembly customized with cap from customer	JR-6120-50033

### Further Reference

- [Safety-coated bottles](#)
- [SS filters](#)
- [PTFE tubing](#)