

Safety caps have built-in stopcocks to close off unused ports or to provide a convenient cut off of the liquid stream when tubing is removed.

- Stopcocks rated up to 72 psi gas at 25°C
- Prevent evaporation of volatile compounds
- Ideal for delivery of mobile phase or collection of waste LC solutions
- 2, 3, or 4 ports with 1/4-28 threads for 1/8" or 1/16" tubing
- Optional bottom-sealing barbed adapter to connect 1/8" (3.2 mm) ID tubing (shown at right – order separately from "Spare Parts")



Safety cap kit

GL45 threads

SPECS

- Connections: 1/4-28
- Materials: Closure: PP (polypropylene)
- Insert: PTFE
- Stopcock: CTFE
- O-ring: EPDM (alternative: FEP-coated)
- Nuts: PPS
- Ferrules: ETFE
- Sleeves: PP
- Bottle: Borosilicate 3.3, safety coated
- Filter: Polyethylene

In addition to a GL45 safety cap with color-coded fittings, this kit offers a safety bottle (1 or 2 liter), PFA tubing, and a mobile phase filter.

GL45 safety caps seal to the bottle with an O-ring* (EPDM) which is resistant to commonly used HPLC solvents. If improved chemical resistance is required (e.g. for halogenated hydrocarbons), order an FEP-coated O-ring separately.

Bottle size:	No. of ports	1 Liter		2 Liters	
		Product No.	Product No.	Product No.	Product No.
Safety cap kit, GL45	2	JR-S-11111	JR-S-11211		
	3	JR-S-11112	JR-S-11212		
	4	JR-S-11113	JR-S-11213		
		Qty/pkg		Product No.	
O-ring, FEP-coated, GL45	1			JR-S-40008	



INCLUDES

- 1 safety cap, GL45 thread, with fittings
- 1 safety-coated glass bottle (option: 1L or 2L)
- 3 m, PFA tubing
- 1 No-Met mobile phase filter, 5 µm
- Additional nuts and ferrules for the bottom side connections

* GL45 caps produced beginning in 2012 will seal with an O-ring behind a PTFE lip.

Spare parts for safety cap kit

	Tubing OD	Qty/pkg	Product No.
1/4-28 flangeless nuts, PPS	1/16" OD	10	JR-55070-10
	1/8" OD	10	JR-55071-10
	1/16" OD	10	JR-041-10
	1/8" OD	10	JR-051-10
Safety-coated bottle with solid cap			
	1 Liter	1	JR-9000-0005
2 Liters	1	JR-9000-0010	
Plug, 1/4-28, PEEK		1	JR-409
Barbed hose adapter for 1/8" ID tubing		1	JR-075013
Color-Sleeve adapters, 12 colors (2 each)		24	JR-5508X-24
No-Met biocompatible mobile phase filter, economy slip-on connection, 5 µm pore		1	JR-32174
PFA tubing, 1/8" x 1.59 mm x 3m		1	JR-T-4003-M3

TECH TIP

PFA tubing provides less re-gassing of the mobile phase.

RELATED PRODUCTS

Color-Sleeve adapters 17



No-Met mobile phase filters 52
 PFA tubing 9
 Safety-coated bottles (for additional sizes) . 70
 Safety air inlet valves . . 59