47 mm Filter Funnels, Glass

Ideal for vacuum filtration of liquids and degassing of HPLC solvents and mobile phases



- Made of 100% borosilicate glass, assures resistance to even the most aggressive solvents.
- One-liter 47 mm glass funnel/support assembly permits filtration of an entire liter at once.
- Support assembly's unique base design with integral vacuum connection prevents contamination of the vacuum line with filtrate.
- One-liter glass funnel is graduated from 300 to 1,000 mL in 50 mL increments.
- 300 mL glass funnel is graduated from 100 to 250 mL in 25 mL increments. Stepped stem fits into standard one-hole stoppers (9 mm).

Applications

- Ideal for filtration and degassing of HPLC solvents and aqueous mobile phase solutions and buffers.
- Ideal for mobile phase particulate removal.

Specifications

47 mm Glass Filter Funnel With Stopper Support Assembly

Materials of Construction
All parts are borosilicate glass except:
Stopper: Silicone No. 8
Clamp: Aluminum

Effective Filtration Area
9.6 cm^2

Dimensions
Overall Height:
Base: 11.7 cm (4.6 in.)
Funnel: 11.1 cm (4.4 in.)
Diameter:
Base: 5.8 cm (2.3 in.)
Funnel: 7.9 cm (3.1 in.)

Filter Size
Accepts 47 mm filter

Funnel Capacity
300 mL

47 mm Glass Filter Funnel With Sidearm Support Assembly and Flask

Materials of Construction
All parts are borosilicate glass except:
Clamp: Aluminum
Support Base/Flask Connection: Standard taper 40/35 ground joint

Effective Filtration Area
9.6 cm^2

Dimensions
Overall Height:
PN 4012 and 4013 Base: 11.7 cm (4.6 in.)
PN 4012 Funnel: 16.7 cm (6.6 in.)
PN 4013 Funnel: 11.1 cm (4.4 in.)
Diameter:
PN 4012 and 4013 Base: 5.8 cm (2.3 in.)
PN 4012 Funnel: 12.0 cm (4.7 in.)
PN 4013 Funnel: 7.9 cm (3.1 in.)

Filter Size
Accepts 47 mm filter

Funnel Capacity
300 mL or 1 L

Flask Capacity
1 or 4 L

Ordering Information

47 mm Filter Funnels, Glass

Part Number	Description	Pkg
4011	Glass filter funnel with No. 8 stopper support base (300 mL funnel, no flask)	1/pkg
4012	Glass filter funnel with sidearm support assembly and flask (1 L funnel with 4 L flask)	1/pkg
4013	Glass filter funnel with sidearm support assembly and flask (300 mL funnel with 1 L flask)	1/pkg

Accessories and Replacement Parts

Part Number	Description	Pkg
4014	Glass funnel, 300 mL	1/pkg
4015	Glass funnel, 1 L	1/pkg
4018	Glass flask, 1 L	1/pkg
4016	Glass flask, 4 L	1/pkg
4017	Fritted glass support base with sidearm	1/pkg
4019	Fritted glass support base/No. 8 silicone stopper	1/pkg
81595	Aluminum clamp, anodized	1/pkg