

BOLA Vacuum Filters, Bohlender

Filtration unit made of PTFE

Multi-stage hose connector with integrated lock screw for connecting vacuum tubing with I.D. 6 mm or 8 mm, PTFE supporting disc to fit optionally available filtering discs. Collecting vessel made of PFA, filling vessel with lid for protection against contaminations also made of PFA. Temperature resistance -200°C to +250°C, universal chemical resistance.

Flow rate:

Flow capacity for water under vacuum of 100 kPa (1000 mbar) using a PTFE filtering membrane with a thickness of 0.2 mm:

For membrane-Ø 47 mm with pore size 1.00 µm: flow 55 ml/min

For membrane-Ø 47 mm with pore size 0.45 µm: flow 20 ml/min

For membrane-Ø 47 mm with pore size 0.20 µm: flow 11 ml/min

For membrane-Ø 90 mm with pore size 1.00 µm: flow 199 ml/min

For membrane-Ø 90 mm with pore size 0.45 µm: flow 72 ml/min

For membrane-Ø 90 mm with pore size 0.20 µm: flow 42 ml/min

for membrane dia. mm	Filtration surface cm ²	Cap. of filling vessel ml	Outer Ø mm	Total height mm	Order No.
47	13.8	240	86	250	10 17 66408
47	13.8	500	100	290	10 17 66516
90	55.4	1000	130	370	10 17 66524

