



Wide Mouth

Filter Seal™

FLASKS

The Widest Selection At the Lowest Price

- Compatible with all laboratory freeze dryer brands
- Secure, easy-to-replace filter
- Snap-On silicone top for leak-proof seal
- Extra-wide mouth for easy filling and sample removal



Freeze Drying Glassware and Accessories

VirTis keeps coming up with ways to simplify research freeze-drying. Our extra-wide-mouth filter seal flasks are a case in point. Designed to accept many bulky specimens that once had to be chamber processed, they are especially useful in efficient high volume shell freezing.

In the case of implosion or breakage, coated glassware will contain the glass, protecting the user from possible injury. The translucent nylon safety coating also protects the outer glass surface from scratching, chipping and impacts, for long flask life. The available coated flasks feature the same snap-on silicone tops as our uncoated glassware for a leakproof seal, and are compatible with all major brands of laboratory freeze-drying equipment.

VirTis offers Wide Mouth Filter Seal™ Flasks in seven convenient sizes: 40 ml, 75 ml, 150 ml, 300 ml, 600 ml, 1,200 ml and 2,000 ml, all of which accept standard 1/2" or 3/4" manifold adapters. Our value pricing and quantity discounts allow us to bring you all this quality for less than the cost of any competing products.

Features:

- Unique design is secure and easy to use.
- No springs, clips or latches to misplace.
- Extra holding power under vacuum.
- Easy-to-clean design features threadless, chip-resistant lip.
- Completely autoclavable.
- Polyethylene plug adapts Filter Seal flasks to lift device supplied with any VirTis shell freezer.

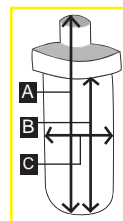
Designed For Simplified Use:

Our unique Filter Seal design features a lip that hold the filter securely while under vacuum. The easy-to-use, replaceable filter is secured with an O-ring under the lip, to prevent cross contamination and product fly-away.

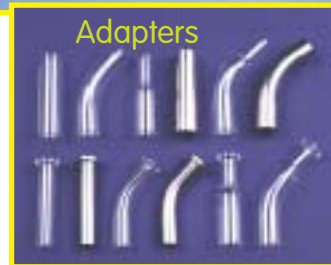
The snap-on silicone rubber top provides a leak-proof seal without vacuum grease, eliminating the danger of contamination and reducing spillage and sample loss.

All VirTis flasks have flat bottoms for stand-up stability. Wide openings make it easy to fill flasks and remove samples.

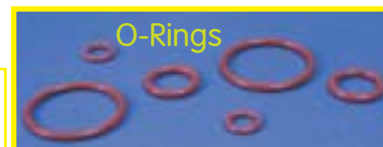
The fat, smooth lip requires no springs or hooks. The flasks are made of borosilicate glass and the top is reinforced silicone, allowing the entire assembly to be autoclaved.



Flasks



Adapters



O-Rings



Flask Lid

VirTis Wide Mouth Filter Seal Flasks, Covers, Filters and O-Rings *

Catalog Number	Maximum Capacity	Working Capacity	Dimension mm			Replacement Part Numbers			
			A	B	C	Flask	Cover	Filter*	O-Ring
235390	40 ml	20 ml	113	83	23	233973	233882	172452	171967
235382	75 ml	35 ml	158	128	23	233890	233882	172452	171967
118174	150 ml	75 ml	145	106	45	148957	148916	172460	171991
118208	300 ml	150 ml	195	158	45	149005	148916	172460	171991
118232	600 ml	300 ml	181	144	75	149088	149039	172478	172023
118273	1,200 ml	600 ml	254	216	75	149120	149039	172478	172023
118307	2,000 ml	1,000 ml	418	380	75	149146	149039	172478	172023

* Contact VirTis for part numbers of safety coated flasks.

Adapters to Connect Flasks to a Manifold

VirTis Part #	Material	Shape	Port Size	Compatible Flasks	VirTis Part #	Material	Shape	Port Size	Compatible Flasks
179655	Glass	Straight	3/4"	150 - 2,000 ml	177881	Glass	Straight	1/2"	150 - 2,000 ml
177923	Stainless Steel	Straight	3/4"	150 - 2,000 ml	179648	Glass	45 Degree	1/2"	150 - 2,000 ml
177899	Glass	45 Degree	3/4"	150 - 2,000 ml	179580	Glass	Straight	1/2"	40 & 75 ml
177931	Stainless Steel	45 Degree	3/4"	150 - 2,000 ml	177907	Glass	Straight	1/2"	40 & 75 ml
179622	Glass	Straight	3/4"	40 & 75 ml	179606	Glass	45 Degree	1/2"	40 & 75 ml
177873	Glass	45 Degree	3/4"	40 & 75 ml	177915	Stainless Steel	45 Degree	1/2"	40 & 75 ml

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