

# *VirTis Wide Mouth Filter Seal™ Flasks*

VirTis Wide Mouth Filter Seal™ Freeze Drying Flasks are the products of choice when bulk freeze drying samples or performing high efficiency shell freezing. The unique design is secure and easy-to-use. Made of borosilicate glass with reinforced silicone lids, the entire assembly can be autoclaved. The greaseless snap-on lids are fitted with a conveniently replaceable filter secured by an o-ring to prevent cross contamination and product flyaway.

## **VirTis Wide Mouth Filter Seal™ Flasks**



- Easy-to-use, easy-to-clean
- Flat bottoms for stand up stability
- Completely autoclavable
- Compatible with all brands of research freeze dryers
- O-ring secured easy-to-replace filter
- Greaseless snap-on silicone top for leak proof seal
- Extra wide mouth for easy filling and sample removal

## **Safety Coated Wide Mouth Filter™ Seal Freeze Drying Flasks**



- Chemically resistant nylon safety coated borosilicate glass
- Protects lab and personnel from implosion or breakage
- Protects flask from scratches, chipping & impact for longer life
- Completely autoclavable
- Compatible with all brands of research freeze dryers
- Uses the same silicone lids for leak proof seal

## **Adapters to connect flasks to any manifold valve port**



- Choose the size you need
  - Stainless steel, borosilicate glass or black nylon plastic
  - ½ or ¾ inch (127 or 190 mm) or ¾ reduced to ½ inch
  - Straight or 45° angle

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

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

\* (A = Overall Flask and Lid Height • B = Flask Height • C = Flask Inner Diameter)

## Safety Coated Flasks, Covers, O-Rings and Filters

Complete Assembly	Capacity		*Dimension: (mm)			Flask	Replacement		
	Part Number	Maximum	Working	A	B		C	Part Numbers Cover	O-Ring
312892	40 mL	20 mL	113	83	23	312827	233882	171967	172452
312900	75 mL	35 mL	158	128	23	312835	233882	171967	172452
312918	150 mL	75 mL	145	106	45	312843	148916	171991	172460
312926	300 mL	150 mL	195	158	45	312850	148916	171991	172460
312934	600 mL	300 mL	181	144	75	312868	149039	172023	172478
312942	1,200 mL	600 mL	254	216	75	312876	149039	172023	172478
312959	2,000 mL	1,000 mL	418	380	75	312884	149039	172023	172478

\* (A = Overall Flask and Lid Height • B = Flask Height • C = Flask Inner Diameter)

## Adapters to Connect Flasks to a Manifold

Part Number	Material	Shape	Port Size	Compatible Flask
179655	Glass	Straight	3/4"	150 - 2,000 mL
177923	Stainless Steel	Straight	3/4"	150 - 2,000 mL
177899	Glass	45 Degree	3/4"	150 - 2,000 mL
177931	Stainless Steel	45 Degree	3/4"	150 - 2,000 mL
367424	Nylon Plastic	Straight	3/4"	150 - 2,000 mL
179622	Glass	Straight	3/4"	40 and 75 mL
177873	Glass	45 Degree	3/4"	40 and 75 mL
177881	Glass	45 Degree	1/2"	150 - 2,000 mL
179648	Glass	Straight	1/2"	150 - 2,000 mL
179580	Glass	Straight	1/2"	40 and 75 mL
177907	Stainless Steel	Straight	1/2"	40 and 75 mL
179606	Glass	45 Degree	1/2"	40 and 75 mL
177915	Stainless Steel	45 Degree	1/2"	40 and 75 mL



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