

# Accessories

## Fast-Freeze™ Flasks

**Fast-Freeze Flasks.** Flasks should be filled to no more than one-third of their volume. Includes silicone top, glass bottom and a supply of filter paper. Amber-colored glass helps to protect light-sensitive samples and is available in four sizes. Clear available in 10 sizes. **Adapters are required (not included).**

- Compatible with all major brands of laboratory freeze dry apparatus
- Variety of adapters available
- No complex filter retainer is necessary. One hundred filters supplied with each flask
- High strength borosilicate glass bottom to withstand extreme temperatures and high vacuum
- Entire flask may be autoclaved



Flask Size	Catalog Number		Flask Top Diameter*	Flask Bottom Dimensions (h x d)	Shipping Weight
	Clear Flask	Amber Flask			
40 ml	<b>7540000</b>		1/2"	76 x 34 mm	1.0 lb. (0.5 kg)
80 ml	<b>7540200</b>		1/2"	115 x 34 mm	1.0 lb. (0.5 kg)
120 ml	<b>7540300</b>		3/4"	68 x 59.2 mm	1.0 lb. (0.5 kg)
150 ml	<b>7540400</b>		3/4"	85 x 59.2 mm	1.0 lb. (0.5 kg)
300 ml	<b>7540600</b>	<b>7540601</b>	3/4"	145 x 59.2 mm	1.5 lbs. (0.7 kg)
600 ml	<b>7540800</b>	<b>7540801</b>	3/4"	135 x 90.2 mm	2.0 lbs. (0.9 kg)
750 ml	<b>7541100</b>	<b>7541101</b>	3/4"	162 x 90.2 mm	2.0 lbs. (0.9 kg)
900 ml	<b>7540900</b>	<b>7540901</b>	3/4"	190 x 90.2 mm	2.2 lbs. (1.0 kg)
1200 ml	<b>7541000</b>		3/4"	240 x 90.2 mm	2.2 lbs. (1.0 kg)
2000 ml	<b>7541200</b>		3/4"	380 x 90.2 mm	2.2 lbs. (1.0 kg)



\*Valves on the freeze dryers, drying chambers and manifolds fit adapters with both 1/2" and 3/4" dia.

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## Fast-Freeze™ Adapters

**Flask Adapters.** Connect Fast-Freeze Flasks to the valve ports on your drying chamber or manifold. Borosilicate glass or stainless steel adapters in 1/2" and 3/4" dia. **Required for operation.** Shipping weight 0.5 lb. (0.2 kg)



Straight Stainless Steel	
7547000	1/2" to 1/2"
7547200	3/4" to 3/4"

Straight Borosilicate Glass	
7545000	1/2" to 1/2"
7545200	3/4" to 3/4"
7545400	1/2" to 3/4" and 3/4" to 1/2"

45° Bend Stainless Steel	
7547400	1/2" to 1/2"
7547600	3/4" to 3/4"

45° Bend Borosilicate Glass	
7545600	1/2" to 1/2"
7545800	3/4" to 3/4"
7546000	1/2" to 3/4" and 3/4" to 1/2"



**7543800—Stainless Steel Adapter 29/32.** Allows connection of 29/32 round bottom flasks to valve ports on drying chambers and manifolds. Shipping weight 1.0 lb. (0.5 kg)



**7543900—Aseptic Adapter.** For use with Fast-Freeze Flasks in place of an adapter. Allows a flask to be filled under sterile conditions prior to lyophilization and transported in a closed position before and after. 3/4" OD for connection between a Fast-Freeze Flask and a valve port on any Labconco Drying Chamber or Manifold. Corrosion-resistant PTFE. 1.75" w x 0.75" d x 3.2" h. Shipping weight 0.5 lb. (0.2 kg)



**7540100—FreeZone Freeze Dry Glassware Kit.** Includes one each flask and adapters: 7540800 (600 ml) and 7540600 (300 ml), 7547200 (3/4" straight stainless steel) and 7547600 (3/4" 45° bend stainless steel). Shipping weight 5.0 lbs. (2.0 kg)