



Thermo Scientific Samco Containers and sample handling products

Comprehensive solutions for all your sampling requirements

Over 50 years of sample safety

Clinical, research and industrial laboratories have trusted Thermo Scientific™ Samco™ products with their samples since 1971. The comprehensive range of Samco products includes auto analyzer cups, 24-hour urine containers, plastic test tubes and specimen containers.



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Samco Bio-Tite Specimen Containers

The choice for confidence and value

Thermo Scientific™ Samco™ Bio-Tite™ Specimen Containers feature an all plastic cap and vial transport system specifically designed for the collection and transport of fluids, solids and powders. The containers are ideal for the collection of patient samples such as urine and sputum, and are suitable for use with formalin or fixative fills in histology applications.

The stackable, shatter-resistant containers are manufactured from virgin polypropylene and have a proprietary, all plastic, leak-resistant seal that prevents bio-hazardous spills. Samco Bio-Tite containers are manufactured primarily on bi-component molding and advanced plastic tooling designs, using stringent quality control procedures, making them ideal for use in various transport systems.

Leak-resistant for utmost reliability

- Bio-Tite caps create a leak-resistant seal for utmost confidence, even in pneumatic transport systems
- Dual threaded caps create improved sealing
- Gamma irradiation sterilization means no potential for residue that can cause false test results
- Deep plug seal helps prevent leaking

Designed for superior safety and handling

- Top and bottom positive grip knurls are easy to grip and open using latex gloves, for ease of handling and safety
- Containers can be stacked atop one another, making them easier to store and saving lab space
- Straight sided to help minimize tipping

Variety of Sizes and Styles

- Virgin polypropylene containers allow higher clarity to see samples, and will not become brittle
- 48mm opening is the right choice for tight storage situations
- Wider 53mm opening is especially suited for urine collection for women during pregnancy and older or overweight patients
- Available in sterile and non-sterile, labeled or non-labeled, bulk or individually packed
- Sterile indicator tab assures tamper evidence
- Bilingual English and Spanish label facilitates accurate usage



120/90mL Containers



120mL (4oz.) 53mm Wide Mouth Bio-Tite Specimen Containers

Description	Cap color	Label style	Sterility	Qty / pack	Bags / case	Case Qty	Cat No.
Sterile							
Cap and container pre-assembled, tabbed label, orange caps	●		S	75	4	300	01 0001
Cap and container pre-assembled, tabbed label, white caps	○		S	75	4	300	01 0002
Cap and container pre-assembled, tabbed label, natural caps	●		S	75	4	300	01 0038
Cap and container pre-assembled, includes sodium thiosulfate tablet, white caps	○		S	75	4	300	01 0051
Non-Sterile							
Cap and container pre-assembled, non-tabbed label, yellow caps	●		NS	75	4	300	01 0100
Cap and container pre-assembled, non-tabbed label, white caps	○		NS	75	4	300	01 0101
Cap and container bagged separately, no label, natural caps, bulk	●	-	NS	300	1	300	01 0180
Cap and container bagged separately, no label, white caps, bulk	○	-	NS	300	1	300	01 0181
Cap and container bagged separately, no label, red caps, bulk	●	-	NS	300	1	300	01 0182
Cap and container bagged separately, no label, blue caps, bulk	●	-	NS	300	1	300	01 0183
Cap and container bagged separately, no label, orange caps, bulk	●	-	NS	300	1	300	01 0195



90mL (3oz.) 48mm Narrow Mouth Bio-Tite Specimen Containers

Description	Cap color	Label style	Sterility	Qty / pack	Bags / case	Case Qty	Cat No.
Sterile							
Cap and container pre-assembled, tabbed label, white caps	○		S	100	4	400	02 0039
Cap and container pre-assembled, tabbed label, orange caps, bulk	●		S	100	4	400	02 0016
Cap and container pre-assembled, tabbed label, natural caps	●		S	100	4	400	02 0038
Cap and container pre-assembled, tabbed label, orange cap, in convenient dispenser pack	●		S	20	20	400	02 0214
Non-Sterile							
Cap and container pre-assembled, no label, natural caps	●	-	NS	100	4	400	02 0122
Cap and container pre-assembled, no label, yellow caps	●	-	NS	400	1	400	02 0146
Cap and container pre-assembled, non-tabbed label, yellow caps	●		NS	400	1	400	02 0148



90 mL Containers




90mL (3oz.) 53mm Wide Mouth Bio-Tite Specimen Containers

Description	Cap color	Label style	Sterility	Qty / pack	Bags / case	Case Qty	Cat. No.
Sterile							
Cap and container pre-assembled, tabbed label with temperature strip, white caps	○		S	75	4	300	02 1016
Cap and container pre-assembled, tabbed label, natural caps	●		S	100	3	300	02 1038
Cap and container assembled, tabbed label, orange caps	●		S	100	4	400	02 1090
Non-Sterile							
Cap and container pre-assembled, non-tabbed, white caps	○		NS	75	4	300	02 1102
Cap and container bagged separately, no label, white caps	○	-	NS	400	1	400	02 0180
Cap and container assembled, label, non-tabbed, boric acid tablet, white caps	○		NS	75	4	300	02 1051
Cap and container assembled, non-tabbed label, natural caps	●		NS	75	4	300	02 1104
Cap and container assembled, non-tabbed label, yellow caps	●		NS	100	4	400	02 1105
Cap and container assembled, tabbed label with temperature strip, white caps	○	-	NS	300	1	300	02 1106
Cap and container assembled, no label, natural caps	●	-	NS	300	1	300	02 1140
Cap and container bagged separately, no label, white caps, bulk	○	-	NS	300	1	300	02 1181

60/40 mL Containers




60mL (2oz.) 48mm Narrow Mouth Bio-Tite Specimen Containers

Description	Cap color	Label style	Sterility	Qty / pack	Bags / case	Case Qty	Cat. No.
Sterile							
Cap and container assembled, tabbed label, white caps	○		S	100	5	500	03 0007
Non-Sterile							
Cap and container bagged separately, no label, white caps	○	-	NS	500	1	500	03 0181
Cap and container assembled, no label, yellow caps	●	-	NS	100	5	500	03 0193
Cap and container bagged separately, no label, orange caps	●	-	NS	500	1	500	03 0195



40mL (1oz.) 48mm Narrow Mouth Bio-Tite Specimen Containers

Description	Cap color	Label style	Sterility	Qty / pack	Bags / case	Case Qty	Cat. No.
Non-Sterile							
Cap and container bagged separately, no label, white caps	○	-	NS	600	1	600	04 0181
Cap and container bagged separately 10%, buffered formalin non-tabbed label, yellow caps	●		NS	600	1	600	04 0506



20/35 mL Containers & Histology




20mL/35mm Bio-Tite Specimen Containers

Description	Cap color	Label style	Sterility	Qty / pack	Bags / case	Case Qty	Cat. No.
Non-Sterile							
Cap and container bagged separately, no label, white caps, bulk	○	-	NS	1000	1	1000	06 0181



Histology Bio-Tite Specimen Containers*

Description	Cap color	Label style	Sterility	Qty / pack	Bags / case	Case Qty	Cat. No.
Containers							
20mL/35mm Containers only, bulk, no label	-	-	NS	1000	1	1000	6A 0008
40mL/48mm Containers only, bulk, no label	-	-	NS	600	1	600	6A 0010
60mL/48mm Containers only, bulk, no label	-	-	NS	500	1	500	6A 0011
90mL/48mm Containers only, bulk, no label	-	-	NS	400	1	400	6A 0012
90mL/53mm Containers only, bulk, no label	-	-	NS	300	1	300	6A 0014
120mL/53mm Containers only, bulk, no label	-	-	NS	300	1	300	6A 0013
Formalin Container Label Only							
90mL/48mm Containers only, bulk, 10% buffered formalin non-tabbed label	-		NS	400	1	400	02 0501
35mm Caps							
Caps, 35mm White specimen container caps, bulk	○	-	NS	4000	1	4000	5A 0032
Caps, 35mm Green specimen container caps, bulk	●	-	NS	4000	1	4000	5A 0034
48mm Caps							
Caps, 48mm White specimen container caps, bulk	○	-	NS	2000	1	2000	5A 0042
Caps, 48mm Red specimen container caps, bulk	●	-	NS	2000	1	2000	5A 0043
Caps, 48mm Green specimen container caps, bulk	●	-	NS	2000	1	2000	5A 0044
Caps, 48mm Natural specimen container caps, bulk	●	-	NS	2000	1	2000	5A 0050
53mm Caps							
Caps, 53mm White specimen container caps, bulk	○	-	NS	1500	1	1500	5A 0052

*This product is intended for General Laboratory Use. It is the customer's responsibility to ensure that the performance of the product is suitable for customers' specific use or application.

Operating room and midstream

Bio-Tite Specimen Containers for the operating room

- Dual threaded caps for leak resistant seal
- Sterile, individually wrapped, peel pouch allows for easy opening onto a sterile field
- Ideal for biopsy collection and transport in the operating room



Bio-Tite Operating Room Specimen Container Specifications

Container size / cap size	Description	Cap color	Sterility	Qty / pack	Bags / case	Case Qty	Cat. No.
Sterile							
120mL/53mm	Containers with blue cap sealed in split and drop pouch	●	S	100	1	100	07 0006

Bio-Tite Midstream Specimen Containers

- 100% high clarity virgin polypropylene
- Easy grip top and bottom for ease of handling
- Two convenient styles, with or without funnel
- Instructions and castile soap wipes in every kit
- Kit with funnel is ideal for women, obese patients and geriatric patients



Bio-Tite Midstream Specimen Container Specifications

Container size/ cap size	Description	Sterility	Qty / pack	Bags / case	Case Qty	Cat. N'o.
Sterile						
90mL/53mm	Midstream collection kit (funnel, 3 castile soap wipes, packaged in tear-open Ziploc® bag)	S	50	1	50	07 0010
120mL/53mm	Midstream collection kit (3 castile soap wipes, packaged in tear-open Ziploc bag), no funnel	S	100	1	100	07 0006



Specimen containers

Pathology and general use specimen containers

The 180mL containers are made of virgin polypropylene which resists cracking, splitting and are highly resistant to most chemicals including formaldehyde.

Product Features

- Economical and disposable for single use handling of dry or liquid specimens
- Molded graduations for fill line verification
- Translucent containers allowing for viewing container contents
- Non-sterile and used for storage and transport of fluids and some pathology specimens, powders and solids.
- Secure fitting 70mm white ribbed cap with F-217 liner is a general purpose cap design for broad applications.



Samco Pathology and General Use Specimen Container Specifications

Container size / cap size	Description	Sterility	Qty / pack	Bags / case	Case Qty	Cat. No.
Non- Sterile						
180mL/70mm	Specimen containers, no label, no cap, bulk	NS	200	1	200	4A 0180
70mm	Caps, ribbed white caps with F-217 liner, bulk	NS	800	1	800	07 0006

24-hour Urine Collection

Samco 24-hour Urine Collection products help alleviate mess and exposure when handling urine collection and sampling. The containers are amber tinted to protect from light exposure and are inert to normal preservative.

- 2500mL, 3000mL, and 3500mL
- 100% polyethylene and amber colored for light filtration
- Large carrying handles for easy transportation
- Easy to read graduations and highly accurate scales
- Custom cap and mouth design helps prevent leakage
- 2500mL and 3500mL containers feature a custom spout and vent
- Upright configuration for compact storage



Thermo Scientific™ Samco™ UrineGUARD™ Container



Product Features

- Distinct neck design and special air vent reduces the chance of aerosoling and splashing commo when handling large urine samples
- Custom spout allows for accurate pouring into test tubes, centrifuge tubes or aliquot bottles
- Accurate scale allows for proper measurement, eliminating the need to transfer samples into a graduated cylinder

Samco UrineGUARD 24-hour Urine Collection Container Specifications

Description	Sterility	Qty / pack	Bags / case	Case Qty	Cat. No.
2500mL 24-hour UrineGUARD™ specimen containers	NS	40	1	40	30 2500
3500mL 24-hour UrineGUARD specimen containers	NS	24	1	24	30 3500

SW-3000

Product Features

- Large handle for easy transportation
- Custom cap and neck design help prevent leaking
- Accurate scale allows for proper measurement, eliminating the need to transfer samples into a graduated cylinder
- Amber tinted to protect samples from the damage of light exposure



Samco SW-300 24-hour Urine Collection Container Specifications

Description	Sterility	Qty / pack	Bags / case	Case Qty	Cat. No.
3000mL 24-hour UrineGUARD specimen containers	NS	40	1	40	30 3000
3500mL 24-hour UrineGUARD specimen containers with bilingual instruction sticker	NS	40	1	40	30 3000L

Analyzer and Sample Cups

Samco Sample Cups are the perfect choice for autosamplers, serum dilutions, microsampling and other laboratory applications. The conical wells are designed for complete sample pick up.



Product Features

- High clarity polystyrene
- Precision molded with graduations and conical bottoms for efficient aspiration
- Resistant to most aqueous solutions
- Conical bottom aids in sampling

Samco Analyzer and Sample Cups Specifications

Description	Tube material	Sterility	Qty / pack	Bags / case	Case Qty	Cat. No.
Sample Cups						
0.5mL Sample cups for use with Centrifichem, Kodak Ektachem E400 and E700, Technicon, Tosoh AIA 600 and 1200, Tosoh AIA 600 and 1200 analyzers	PS	NS	1000	10	10,000	5-001
2.0mL Auto sample cups (Hitachi, 7000 Series, Nova and 1800 electrolyte instruments)	PS	NS	1000	5	5000	2-003
4.0mL Sample cups (Technicon and Olympus)	PS	NS	1000	10	10,000	4-001
Analyzer Cups						
2.0mL Auto Analyzer cups (for use with Technicon, Auto Analyzers and Johnson & Johnson VITROS Systems)	PS	NS	10,000	1	10,000	2-002
0.5 mL Auto Analyzer cups (Hitachi, 7000 Series, Nova and 1800 electrolyte instruments)	PS	NS	1000	5	5000	5-002
Caps for AA Cups						
Press cap for Auto Analyzer cups (fits sizes 0.25, 0.5, 2.0ml)	LDPE	NS	1000	10	10,000	5A 0000

5-001
5-002

2-001
2-002

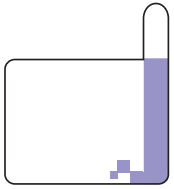
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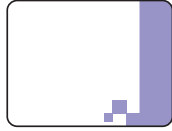


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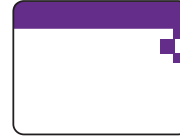
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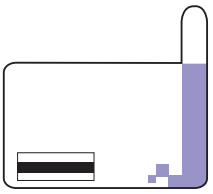
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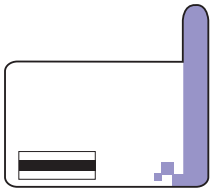
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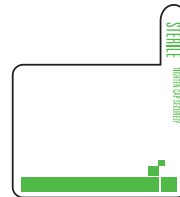
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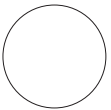
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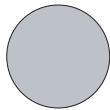
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Cap color code

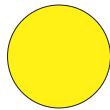
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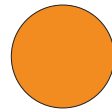
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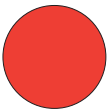
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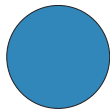
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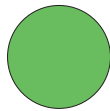
Orange



Red



Blue



Green

Test Tubes, Disposable Culture Tubes (DCTs)

Samco Multi-Use Tubes are designed for most laboratory applications. The plastic tubes are chemical free and biologically inert. Each tube is precision molded and manufactured from premium grade materials. Our processes are monitored with quality checks that provide continued lot-to-lot uniformity and reliable performance. All sterile tubes are gamma-irradiated and ready to use. We offer a choice of clarified polypropylene for strength and resistance, or polystyrene for superior clarity.

- Convenient packaging
 - Sterile – bulk or individually wrapped
 - Non-sterile – bulk or packs
- Most sizes available with two-position snap cap, screw cap or without caps
- Polypropylene and polystyrene material










Samco Tubes*

Description	RCF rating
12 x 75mm Polystyrene	4000
12 x 75mm Polypropylene	4000
13 x 100mm Polystyrene	6000
16 x 125mm Polystyrene	600
17 x 100mm Polystyrene	10,000
17 x 100mm Polypropylene	3000

*This product is intended for General Laboratory Use. It is the customer's responsibility to ensure that the performance of the product is suitable for customers' specific use or application.













Samco Tube Closure Specifications

Description	Tube material	Sterility	Cap style / color	Qty / pack	Qty of packs	Case Qty	Cat. No.
Two-position Snap Caps							
12mm, Polyethylene	LDPE	NS	 	1000	10	10,000	5A 0002
17mm, Polyethylene, for polystyrene tubes, no caps	LDPE	NS	 	200	5	1000	5A 0007
17mm, Polyethylene, for polypropylene tubes, no caps	LDPE	NS	 	200	5	1000	5A 0008
Universal Caps							
Universal Plug, fits 12mm to 16mm tubes	LDPE	NS		1000	10	10,000	M995133

Test Tubes, Disposable Culture Tubes (DCTs)



Samco Test Tubes and DTC Specifications

Description	Tube material	Sterility	Cap style / color	Qty / pack	Qty of packs	Case Qty	Cat. No.
Polypropylene 12 x 75mm							
Tubes only, packed in one direction, boxed	PP	NS	-	250	4	1000	12-010
Polystyrene 12 x 75mm							
Tubes only, no caps	PS	NS	-	1000	4	4000	12-011
Tubes only, no caps, packed in one direction, boxed	PS	NS	-	250	4	1000	12-012
Tubes only, no caps	PS	NS	-	1000	5	5000	12-014
Tubes and snap caps, pre-assembled, packed in blister tray	PS	S	 	125	8	1000	12-007S
Polypropylene 13 x 100mm							
Tubes only, no caps (4 white box packs/case)	PP	NS	-	250	4	1000	13-004
Polystyrene 13 x 100mm							
Tubes only, no threads, no caps	PS	NS	-	250	4	1000	13-003
Polystyrene 16 x 125mm							
Tubes only, no caps	PS	NS	-	500	2	1000	16-005
Tubes and screw caps, pre-assembled, packed in blister tray	PS	S	 	125	8	1000	16-002S
Polypropylene 17 x 100mm							
Tubes only, no threads, bulk	PP	NS	-	1000	1	1000	17-010
Tubes only, no threads, bulk	PP	NS	-	1000	1	1000	17-0010
Tubes only, no threads, packed in bags	PP	S	-	125	8	1000	17-001S
Tubes and snap caps, pre-assembled, blister tray	PP	S	 	25	20	500	17-003S
Polystyrene 17 x 100mm							
Tubes only, no threads, bulk	PS	NS	-	1000	1	1000	17-0011
Tubes and snap caps, pre-assembled	PS	S	 	125	8	1000	17-006S
Tubes and snap caps, pre-assembled	PS	S	 	125	4	500	17-009S

Cap Legend:



Flange



Snap



Screw



Universal



Find out more at [thermofisher.com/samco](https://www.thermofisher.com/samco)

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