

thermo scientific



# Thermo Scientific Capitol Vial Polypropylene Containers

Versatile solutions for food processing and safety,  
environmental sampling, and other general applications

**ThermoFisher**  
SCIENTIFIC



# Specialized, food grade polpropylene containers

Our Thermo Scientific™ Capitol Vial™ Polypropylene Containers feature a triple seal design that is airtight and leak resistant for sample collection, storage, packaging, or transport and a proprietary, integrated flip top lid that allows for opening and closing with one hand.

Containers are available in a variety of sizes, seal types and colors to meet the requirements of your application.

## **Leak-resistant & airtight:**

- Triple seal design for leak-resistant transport
- Cured in the mold process for airtight seal

## **Permanent hinged flip top lids:**

- Single hand operation allows ease of use, convenience, and efficiency
- Eliminates risk of cross contamination or misplacement of lids

## **Food grade polypropylene:**

- Compliant with U.S. FDA 21 CFR 177.1520
- Containers are molded from 100% virgin resin, regrind is never used.

## **Available in a myriad of colors:**

- Easily identify samples
- Color code samples, supplies or testing phases



# Closure Styles

## Easy handling solutions

### Standard seal

Standard flip-top seals are designed for easy, single handed operation and are ideal for a wide range of collection, packaging and storage applications



### Lock seal (LS)

Based on the standard seal design, the lock seal adds additional security with a locking tab on the cap and vial to prevent accidental opening during handling and transport.



### Tamper evident (TE)

Tamper evident vials are closed during the molding process and sealed using a plastic filament. The integrity of the filament provides visual evidence of potential tampering, and helps ensure the container is free of contamination.



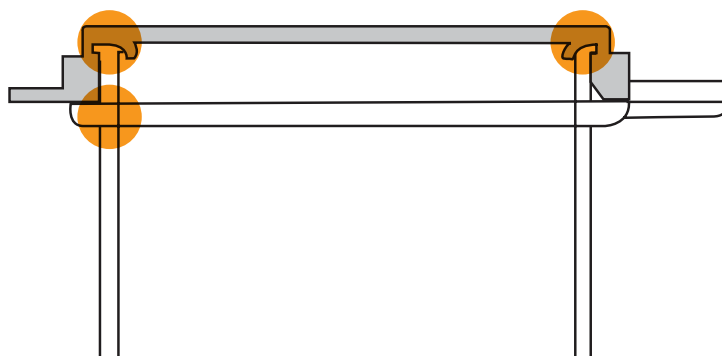
### Chain of custody (CC)

The chain of custody closure includes a tamper evident seal and a one-way, irreversible chain lock that secures the container once closed. These features provide container security from manufacture to sample collection and retrieval.



### Triple seal design

Thermo Scientific Capitol Vial Triple Seal design combines structural interference and shrinkage for the integrity of its leak-resistant seal - preventing fluids from entering or exiting the container.



# Featured applications

## Dairy & veterinary

Capitol Vial flip top polypropylene containers dairy industry standard for collecting milk samples for quality, food meet safety and animal health applications.

## About:

- Thermo Scientific Capitol Vial is a U.S. FDA certified manufacturer of single-service containers for milk and milk products.
- The production facility and containers are routinely inspected for compliance with Appendix J. of the U.S. FDA Pasteurized Milk Ordinance (PMO).

### Features:

- Vials are closed during the molding process to ensure they are airtight and leak resistant.
- Permanently hinged cap enables single hand operation and reduces the risk of misplacement or cross-contamination.
- Manufactured from a translucent polypropylene resin for easy sample visibility.
- Containers are available in volumes ranging from 12 to 300 mL to accommodate a variety of sampling requirements.

## Water testing

Our Water Vials meet all the requirements for microbiology sample containers as specified by the "EPA Manual for the Certification of Laboratories Analyzing Drinking Water."



## Features:

- Sterile, high clarity polypropylene
- Available with a 10 mg sodium thiosulfate ( $\text{Na}_2\text{S}_2\text{O}_3$ ) tablet for sample dechlorination, or without a tablet for unchlorinated water sources
- Molded with a 100 mL fill line and has one inch of head space to facilitate mixing
- Integrated tamper evident, chain of custody and locking seals to help ensure container security before and after sample collection.

## General packaging and storage solutions

We offer a wide range of containers for general packaging and storage needs.

- Economical storage for a variety of material types
- 100% Polypropylene
- Permanent hinge lid
- Leak-resistant, air tight
- Available in 4 closure styles and 21 different color configurations
- Vials are shoulderless and linerless





# Additional applications

Buffer Solution Preparations

Chain of Custody Transport

Classroom and Experiment Organization

Confectionary Packaging

Cosmetic Product Packaging

Dairy Testing

Environmental Sampling

Fishing Supplies

Food and Beverage Testing

Food Packaging

Household Product Packaging

Insect/Fruit Fly Storage

Office Supply Storage

Paint Samples

Quality Control Sample Collection

Reagent Packaging

Sludge Sampling

Small Parts Storage

Travel Containers

Trial Size Packaging

Urine Collection and Transport

Veterinary Sampling

Vitamin Storage

Water Testing



# Lab solutions providing sample integrity

## Capitol Vial Flip Top polypropylene containers

- Ideal for the collection, transport, storage, or packaging of a wide range of liquids and solids
- Virgin food grade polypropylene
- Airtight and leak resistant construction with permanent hinge lid
- Available in a variety of colors
- Shoulderless, liner-less containers

### Recommended for:

Dairy testing, food and beverage sample collection, veterinary applications, environmental sampling, water testing, general packaging and storage.

### Cornell vial

Cat No.	CNLL500	CNLL2000
Capacity	~0.4oz. (11mL)	~0.4oz. (11mL)
ID	18mm	18mm
Height	53mm	53mm
Packaging	500 per case	2000 per case
Closure	Standard Seal	Standard Seal



### Vet vial

Cat No.	VETHC500*	VETHC1500*	VETLSCL
Capacity	~0.4oz. (12mL)	~0.4oz. (12mL)	~0.4oz. (12mL)
ID	14mm	14mm	14mm
Height	95mm	95mm	95mm
Packaging	500 per case	1500 per case	1500 per case
Closure	Standard Seal	Standard Seal	Lock Seal

\*High clarity vial



### 1.5 oz.

Cat No.	02CL	02LS	02CC*
Capacity	1.5 oz. (~45mL)	1.5 oz. (~45mL)	1.5 oz. (~45mL)
ID	28mm	28mm	28mm
Height	84mm	84mm	84mm
Packaging	600 per case	600 per case	600 per case
Closure	Standard Seal	Lock Seal	Chain of Custody

\*High clarity vial





# Capitol Vial Flip Top polypropylene containers

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- Virgin food grade polypropylene
- Airtight and leak resistant construction with permanent hinge lid
- Available in a variety of colors
- Shoulderless, liner-less containers

## Recommended for:

Dairy testing, food and beverage sample collection, veterinary applications, environmental sampling, water testing, general packaging and storage.

## 2.5 oz.

Cat No.	2.5CL
Capacity	2.5 oz. (~75mL)
ID	50mm
Height	50mm
Packaging	400 per case
Closure	Standard Seal



## 3.0 oz.

Cat No.	03CL	0385	03TECL	03EDM31 (graduated)
Capacity	3.0 oz. (~90mL)	3.0 oz. (~90mL)	3.0 oz. (~90mL)	3.0 oz. (~90mL)
ID	33mm	33mm	33mm	33mm
Height	95mm	95mm	95mm	95mm
Packaging	400 per case	400 per case	400 per case	400 per case
Closure	Standard Seal	Skirt Top	Tamper Evident	Standard Seal



## 4.0 oz. Water vial

Cat No.	04HP83HCPL (with sodium thiosulfate pill)*	04HP83HCNP (no pill)*
Capacity	4.0 oz. (~120mL)	4.0 oz. (~120mL)
ID	43mm	43mm
Height	95mm	95mm
Packaging	200 per case	200 per case
Closure	Lock Seal, Tamper Evident, Chain of Custody	Lock Seal, Tamper Evident, Chain of Custody



\* High clarity vial, Sterile

# Capitol Vial Flip Top polypropylene containers

- Ideal for the collection, transport, storage, or packaging of a wide range of liquids and solids
- Virgin food grade polypropylene
- Airtight and leak resistant construction with permanent hinge lid
- Available in a variety of colors

## Recommended for:

Dairy testing, food and beverage sample collection, veterinary applications, environmental sampling, water testing, general packaging and storage.

## 4.0 oz. (high profile)

Cat No.	04HP	04HPLS
Capacity	4.0 oz. (~120mL)	4.0 oz. (~120mL)
ID	43mm	43mm
Height	90mm	90mm
Packaging	250 per case	250 per case
Closure	Standard Seal	Lock Seal



## 4.0 oz. (low profile)

Cat No.	04LP	04LPLS
Capacity	4.0 oz. (~120mL)	4.0 oz. (~120mL)
ID	63mm	63mm
Height	50mm	50mm
Packaging	250 per case	250 per case
Closure	Standard	Lock Seal



## 5.0 oz.

Cat No.	05WIDE
Capacity	5.0 oz. (~150mL)
ID	62mm
Height	70mm
Packaging	175 per case
Closure	Lock Seal and Tamper Evident





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- Shoulderless, liner-less containers

## Recommended for:

Dairy testing, food and beverage sample collection, veterinary applications, environmental sampling, water testing, general packaging and storage.

## 8.0 oz.

Cat No.	08CL	08LS
Capacity	8.0 oz. (~240mL)	8.0 oz. (~240mL)
ID	75mm	75mm
Height	75mm	75mm
Packaging	150 per case	140 per case
Closure	Standard Seal	Lock Seal



## 10.0 oz.

Cat No.	10LSCL	10CCCL*
Capacity	10.0 oz. (~300mL)	10.0 oz. (~300mL)
ID	62mm	62mm
Height	113mm	120mm
Packaging	100 per case	100 per case
Closure	Lock Seal	Chain of Custody

\*High clarity vial



## 10.0 oz. (low profile)

Cat No.	10LP
Capacity	10.0 oz. (~300mL)
ID	80mm
Height	84mm
Packaging	90 per case
Closure	Chain of Custody



# Capitol Vial Snap Top polypropylene containers

- Virgin food grade polypropylene
- Tight fit snap cap secures container
- Translucent vial sample visibility
- Intended for general laboratory use including sample collection, organization, and storage.

## 2-Piece vial

Cat No.	LI02	LICAP2500
Capacity	~1.35 oz. (40mL)	-
ID	28mm	-
Height	80mm	-
Color	Natural	White
Packaging	500 per case	2500 per case
Description	Container	Snap Caps





# Color options

Capitol Vial containers are available in a myriad of colors and may be subject to minimum order requirements. To order any vial in a specific color, please contact customer service at 1-800-772-8871.





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

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