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# CENTRIFUGATION

*Microcentrifuge Tubes*

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FOR MORE INFORMATION:  
[labcon.com/centrifuge.html](http://labcon.com/centrifuge.html)



### Quality You Can Trust

With the highest certified spin rates in the industry and extensive quality control testing, you can trust Labcon microcentrifuge tubes to reliably meet the needs of your experiment. For safe centrifugation, the Labcon quality control team performs stress tests beyond product specifications to ensure that our microcentrifuge tubes will meet the stated specifications in your experiments. Labcon also tests for volume line accuracy, tube wall thickness, concentricity, clarity, and leak-resistance to challenging chemicals.

### Medical Grade High Quality Resins

- No recycled plastics
- Free of heavy metals
- Free of DiHEMA, oleamide, and BPA

### Validated Sterility

Sterile microcentrifuge tubes have a guaranteed Sterility Assurance Level (SAL) of  $10^{-6}$ . This SAL is required internationally for medical and diagnostic devices.

### Packaging

Microcentrifuge tubes are packaged in medical grade resealable bags.



## MICROCENTRIFUGE TUBE FAMILIES

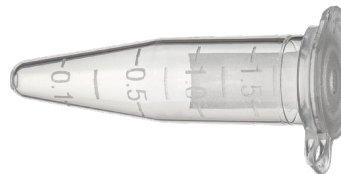
### SNAP CAP MICROCENTRIFUGE TUBES



#### SuperSlik®

*Low Retention*

Sizes: 0.5 mL and 1.5 mL



#### SuperSpin®

*Highest Spin Rate - up to 40,000 RCF*

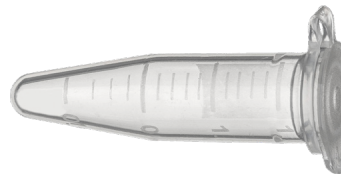
Size: 1.5 mL



#### ViewPoint™

*Thermochromic; Temperature-Sensing*

Size: 1.5 mL



#### SuperClear®

*High Performance & Optically Clear*

Sizes: 0.5 mL, 1.5 mL, and 2.0 mL

### SCREW CAP MICROCENTRIFUGE TUBES



#### SuperClear® (Conical)

*High Performance & Optically Clear*

Sizes: 0.5 mL, 1.5 mL, and 2.0 mL



#### SuperClear® (Freestanding)

*High Performance & Optically Clear*

Sizes: 0.5 mL, 1.5 mL, and 2.0 mL



#### SuperClear® Screw Caps

*O-ring or elastomeric ring available*

### PLUG CAP MICROCENTRIFUGE TUBES



#### SuperClear® (Capless)

*High Performance & Optically Clear*

1.7 mL (caps sold separately)



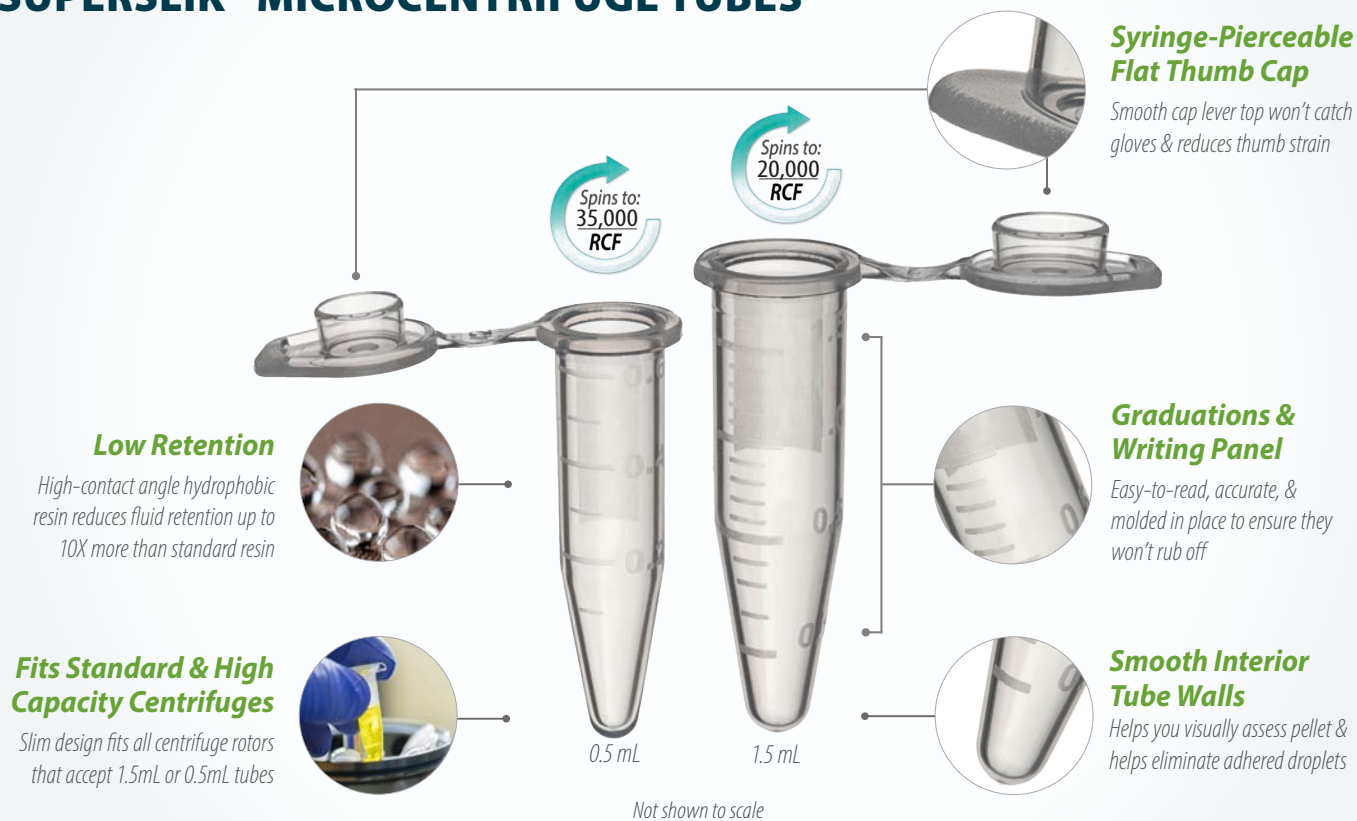
#### SuperClear® Plug Caps







## SUPERSLIK® MICROCENTRIFUGE TUBES



### SuperSlik® Microcentrifuge Tubes

SuperSlik® low retention microcentrifuge tubes have a low binding surface that minimizes biomolecule loss during sample manipulation. Ideal for applications such as mass spectrometry (MS), immunoprecipitation (IP), co-immunoprecipitation (Co-IP). Leakproof snap caps may be penetrated by a syringe and will not pop open during boiling. Compatible with many centrifuges and rotors. Excels in high speed centrifugation.

**MATERIAL** 100% Virgin Polypropylene

**GRADE** Medical

**RATING** USP Class VI

**APPROVED USES** Medical, Research, Industrial, Food & Beverage

Item #	Size	Packaging	Qty/Pk	Qty/Cs
3025-570-000-9	0.5 mL	Resealable bags	500	5000
3039-560-000-9	1.5 mL	Resealable bags	250	2500



Low binding surface minimizes biomolecule loss during sample manipulation



## SUPERSPIN™ MICROCENTRIFUGE TUBES

### Self-Aligning Cap

Self-aligns the cap on the tube; easy to close with one hand

### Slim Design

Fits all standard and high capacity centrifuge rotors that accept 1.5 mL tubes

### Reinforced Conical Bottom

Designed to withstand extreme centrifugation to 40,000 x G

Spins to:  
40,000  
RCF

### Syringe-Pierceable Ergonomic Cap

Smooth cap lever top won't catch gloves, reduces thumb strain, & is pierceable

### Graduations & Writing Panel

Easy-to-read, accurate, & molded in place to ensure they won't rub off

### Pure Resins

Medical grade FDA compliant CFR21 resin

Not shown to scale

## 1.5 mL SuperSpin™ Microcentrifuge Tubes

SuperSpin™ tubes feature an extra thick and durable wall that can withstand high speed centrifugation. The ultra-clear polypropylene resin gives you a clear view of the pellet as well as correct color rendition. They are clear enough to be used in a spectrophotometer and have no extractables at the wavelength ranges used to detect DNA. They can be easily opened and closed many times to add or remove reagents.

Item #	Color	Packaging	Sterile	Qty/Pk	Qty/Cs
3016-345-000-9	Clear	Resealable bags	✓	500	5000
3016-870-000-9	Clear	Resealable bags		500	5000
3016-871-000-9	Amber*	Resealable bags		500	5000
3016-872-000-9	Yellow	Resealable bags		500	5000
3016-873-000-9	Orange	Resealable bags		500	5000
3016-874-000-9	Red	Resealable bags		500	5000
3016-876-000-9	Purple	Resealable bags		500	5000
3016-877-000-9	Blue	Resealable bags		500	5000
3016-878-000-9	Green	Resealable bags		500	5000
3016-879-000-9	Assorted**	Resealable bags		500	5000

\* For light sensitive samples

\*\* Assorted includes Red, Yellow, Orange, Green & Blue in separate bags.

**MATERIAL** 100% Virgin Polypropylene

**GRADE** Medical

**RATING** USP Class VI

**APPROVED USES** Medical, Research, Industrial, Food & Beverage







## SUPERCLEAR® 0.5 ML & 1.5 ML MICROCENTRIFUGE TUBES

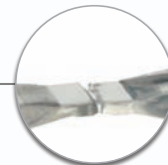
### Syringe-Pierceable Ergonomic Cap

Leakproof seal & pierceable to allow through-cap injection



### Self-Aligning Cap

Self-aligns the cap on the tube; easy to close with one hand



### Smooth Cap Lever

Won't catch or tear gloves



### Graduations & Writing Panel

Easy-to-read, accurate, & molded in place to ensure they won't rub off



### Optically Clear Resin

Without additives or extractables that can interfere with your ability to detect biomolecules



### Boilproof

Designed to stay closed during boiling to protect your sample



0.5 mL

1.5 mL



Not shown to scale

## SuperClear® Microcentrifuge Tubes

SuperClear® snap cap microcentrifuge tubes feature an extra thick and durable wall that can withstand high speed centrifugation. Made of ultra-clear polypropylene resin, these tubes provide a clear view of the pellet as well as correct color rendition. Ergonomic caps with smooth surface help prevent repetitive strain injury. Designed to stay closed during boiling to protect your sample. Fit all standard and high capacity microcentrifuge rotors. Packaged in resealable bags: 50 tubes per bag and 10 bags per pack.

**MATERIAL** 100% Virgin Polypropylene

**GRADE** Medical

**RATING** USP Class VI

**APPROVED USES** Medical, Research, Industrial, Food & Beverage

Item #	Size	Color	Spin Rate	Qty/Pk	Qty/Cs
3022-800-000-9	0.5 mL	Clear	35,000 RCF	1000	10000
3012-870-000-9	1.5 mL	Clear	20,000 RCF	500	5000
3012-872-000-9	1.5 mL	Yellow	20,000 RCF	500	5000
3012-873-000-9	1.5 mL	Orange	20,000 RCF	500	5000
3012-874-000-9	1.5 mL	Red	20,000 RCF	500	5000
3012-876-000-9	1.5 mL	Purple	20,000 RCF	500	5000
3012-877-000-9	1.5 mL	Blue	20,000 RCF	500	5000
3012-878-000-9	1.5 mL	Green	20,000 RCF	500	5000
3012-879-000-9	1.5 mL	Assorted*	20,000 RCF	500	5000

\*Assorted includes: Blue, Green, Orange, Red, Violet, Yellow



Maximum G-force and acceptable use can be affected by organic solvents, multiple spin cycles, low temperature storage, or vortexing. Always run a trial before using centrifuge tubes in your procedure. Make sure appropriate cushions, adapters and biohazard containments are in place before proceeding.



## VIEWPOINT™ 1.5 ML MICROCENTRIFUGE TUBES

### Leak-Resistant

Secure seal with a unique self-aligning cap for easy opening & closing



### Writing Panel

Smudge-resistant large writing panel for sample identification



### UV Protection

When dark blue (0 °C), tubes provide protection from Ultraviolet (UV) light



Not shown to scale



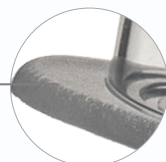
### Temperature Detection

Reversible thermochromic transition begins at 4 °C with full dark blue signaling at 0 °C



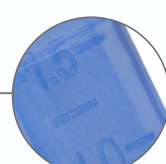
### Smooth Cap Lever

Won't catch or tear gloves & reduces thumb strain



### Graduations

Easy-to-read & accurate measurements



### Fits Standard & High Capacity Centrifuges

Slim design fits all centrifuge rotors that accept 1.5mL or 0.5mL tubes



## ViewPoint™ Microcentrifuge Tubes

ViewPoint™ thermochromic tubes are designed to identify sample temperature to support existing workflows without the need for reworked protocols or equipment. ViewPoint™ tubes transition from clear to blue when samples reach target cold temperatures. This two step and reversible thermochromic transition offers real-time temperature signaling to indicate that a sample has reached 4 °C and 0 °C. ViewPoint™ tubes are designed as a fail-safe cue before a sample has frozen, saving bench scientists time and eliminating generic, inefficient 30-minute incubations. Packaged in resealable bags. 100 per resealable bag/5 bags per pack.

Item #	Qty/Pk	Qty/Cs
3005-840-000-9	500	1000

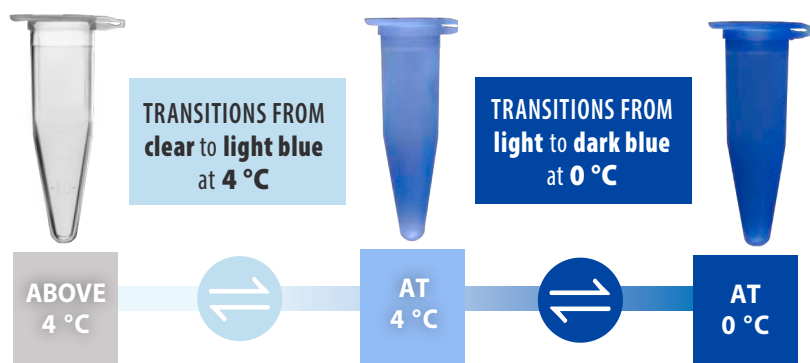
15 mL & 50 mL ViewPoint™ tubes can be found on pages 60-61

**MATERIAL** 100% Virgin Polypropylene

**GRADE** Medical

**RATING** USP Class VI

**APPROVED USES** Medical, Research, Industrial, Food & Beverage







## SUPERCLEAR® 2.0 ML MICROCENTRIFUGE TUBES

### Syringe-Pierceable Ergonomic Cap

Provides a leakproof seal & pierceable spot allows through-cap injection



### Self-Aligning Cap

Self-aligns the cap on the tube; easy to close with one hand



### Optically Clear Resin

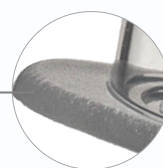
Without additives or extractables that can interfere with your ability to detect biomolecules



2.0 mL

### Smooth Cap Lever

Won't catch or tear gloves & reduces thumb strain



### Graduations & Writing Panel

Easy-to-read, accurate, & molded in place to ensure they won't rub off



### Boilproof

Designed to stay closed during boiling to protect your sample



Not shown to scale

## SuperClear® Microcentrifuge Tubes

SuperClear® snap cap microcentrifuge tubes feature extra thick, durable walls that can withstand high speed centrifugation. Made of ultra-clear polypropylene resin, these tubes provide a clear view of the pellet as well as correct color rendition. Ergonomic caps with smooth surface help prevent repetitive strain injury. Designed to stay closed during boiling to protect your sample. Fit all standard and high capacity microcentrifuge rotors. Packaged in resealable bags: 50 tubes per bag and 10 bags per pack.

**MATERIAL** 100% Virgin Polypropylene

**GRADE** Medical

**RATING** USP Class VI

**APPROVED USES** Medical, Research, Industrial, Food & Beverage

Item #	Color	Qty/Pk	Qty/Cs
3046-870-000-9	Clear	500	5000
3046-871-000-9	Amber*	500	5000
3046-872-000-9	Yellow	500	5000
3046-873-000-9	Orange	500	5000
3046-874-000-9	Red	500	5000
3046-876-000-9	Purple	500	5000
3046-877-000-9	Blue	500	5000
3046-878-000-9	Green	500	5000
3046-879-000-9	Assorted**	500	5000

\* For light sensitive samples

\*\*Assorted colors include: Blue, Green, Orange, Red, Purple, and Yellow











Maximum G-force and acceptable use can be affected by organic solvents, multiple spin cycles, low temperature storage, or vortexing. Always run a trial before using centrifuge tubes in your procedure. Make sure appropriate cushions, adapters and biohazard containments are in place before proceeding.

### SuperClear® 1.7 mL Capless Microcentrifuge Tubes

Caps sold separately | Tubes not for vortexing



Capless Tubes	Item #	Color	Packaging	Qty/Pk	Qty/Cs
	3033-870-000-9	Clear	Resealable Bags	500	5000
	3033-872-000-9	Yellow	Resealable Bags	500	5000
	3033-873-000-9	Orange	Resealable Bags	500	5000
	3033-874-000-9	Red	Resealable Bags	500	5000
	3033-876-000-9	Purple	Resealable Bags	500	5000
	3033-877-000-9	Blue	Resealable Bags	500	5000
	3033-878-000-9	Green	Resealable Bags	500	5000
	3033-879-000-9	Assorted*	Resealable Bags	500	5000

\*Assorted: yellow, orange, red, purple, blue, green

### Plug Caps

For 1.7mL Capless Tubes | Made from polyethylene

Item #	Color	Qty/Pk	Qty/Cs
3302-800-000-9	Natural	1000	3000
3302-801-000-9	White	1000	3000
3302-802-000-9	Yellow	1000	3000
3302-803-000-9	Orange	1000	3000
3302-804-000-9	Red	1000	3000
3302-806-000-9	Purple	1000	3000
3302-807-000-9	Blue	1000	3000
3302-808-000-9	Green	1000	3000
3302-870-000-9	Assorted*	500	3000

\*Assorted includes: 6 bags of 500 tubes. One color per bag.  
Colors included: Yellow, Orange, Red, Purple, Blue, and Green



**Plug Caps**  
In a variety of colors







## SUPERCLEAR® SCREW CAP MICROCENTRIFUGE TUBES

### Universal Screw Threads

Ensures all major brands of caps will fit on tube

### Fits Standard & High Capacity Centrifuges

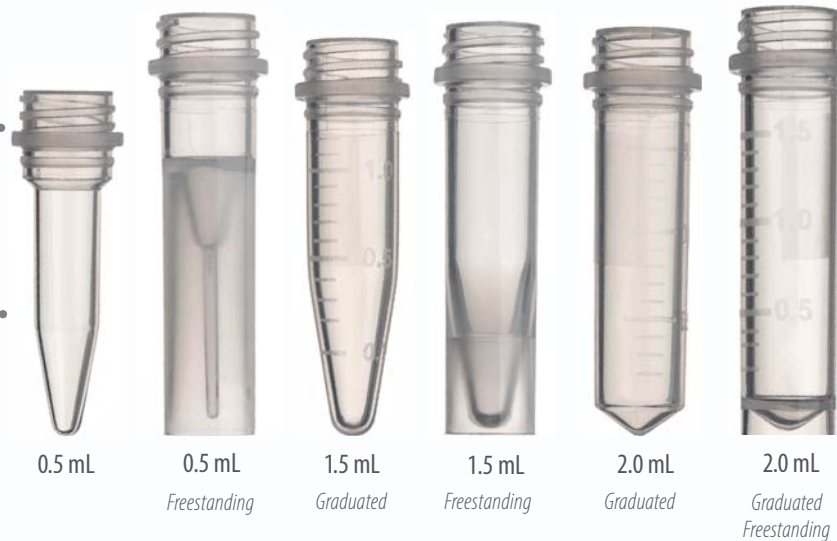
Fits all centrifuge rotors that accept microcentrifuge tubes

### Angled Interior Top

Allows for pouring supernatant

### Graduations & Writing Panel\*

Easy-to-read, accurate, & molded in place to ensure they won't rub off  
\*not on all tube options



Not shown to scale

## SuperClear® Screw Cap Microcentrifuge Tubes

SuperClear® screw cap microcentrifuge tubes are available freestanding or with a conical bottom. They feature durable tube walls that can withstand centrifugation to 20,000 x G. Made of ultra-clear polypropylene resin, these tubes provide a clear view of the tube contents as well as correct color rendition and fit all standard and high capacity microcentrifuge rotors. Packaged in resealable bags.

### AVAILABLE OPTIONS:

- Tubes Only
- Tubes with O-Ring Caps (ethylene propylene)
- Caps Only
- Tubes with Elastomeric Sealing Ring

## Microcentrifuge Tubes Only

Microcentrifuge Tube	Size	Description	Item #	Qty/Pk	Qty/Cs
	0.5 mL	Conical	3630-870-000-9	500	5000
	1.5 mL	Conical graduations writing panel	3610-870-000-9	500	5000
	2.0 mL	Conical graduations writing panel	3660-870-000-9	500	5000
FREESTANDING	0.5 mL	Freestanding	3640-870-000-9	500	5000
	1.5 mL	Freestanding	3650-870-000-9	500	5000
	2.0 mL	Freestanding graduations writing panel	3620-870-000-9	500	5000



### Screw Caps with O-rings

Item #	Color	Qty/Pk	Qty/Cs
3600-870-000-9	Natural	500	5000
3600-871-000-9	White	500	5000
3600-872-000-9	Yellow	500	5000
3600-873-000-9	Orange	500	5000
3600-874-000-9	Red	500	5000
3600-876-000-9	Purple	500	5000
3600-877-000-9	Blue	500	5000
3600-878-000-9	Green	500	5000
3600-879-000-9	Assorted	500	5000



### Screw Caps with Elastomeric sealing rings

Item #	Color	Qty/Pk	Qty/Cs
3602-870-000-9	Natural	500	5000
3602-871-000-9	White	500	5000
3602-872-000-9	Yellow	500	5000
3602-873-000-9	Orange	500	5000
3602-874-000-9	Red	500	5000
3602-876-000-9	Purple	500	5000
3602-877-000-9	Blue	500	5000
3602-878-000-9	Green	500	5000
3602-879-000-9	Assorted	500	5000



## SuperClear® Microcentrifuge Tubes

Natural (no color added) O-ring screw caps attached or in separate resealable bags

Microcentrifuge Tube	Size	Description	Item #	Sterile	Packaging	Qty/Pk	Qty/Cs
	0.5 mL	Conical	3631-870-000-9		500 tubes/500 caps in separate bags	500	5000
			3631-875-000-9	✓	50 tubes and caps/bag; 10 bags/pack	500	5000
	1.5 mL	Conical graduations writing panel	3611-870-000-9		500 tubes/500 caps in separate bags	500	5000
			3611-875-000-9	✓	50 tubes and caps/bag; 10 bags/pack	500	5000
	2.0 mL	Conical graduations writing panel	3661-870-000-9		500 tubes/500 caps in separate bags	500	5000
			3661-875-000-9	✓	50 tubes and caps/bag; 10 bags/pack	500	5000
FREESTANDING	0.5 mL	Freestanding	3641-870-000-9		500 tubes/500 caps in separate bags	500	5000
			3641-875-000-9	✓	50 tubes and caps/bag; 10 bags/pack	500	5000
	1.5 mL	Freestanding	3651-870-000-9		500 tubes/500 caps in separate bags	500	5000
			3651-875-000-9	✓	50 tubes and caps/bag; 10 bags/pack	500	5000
	2.0 mL	Freestanding graduations writing panel	3621-870-000-9		500 tubes/500 caps in separate bags	500	5000
			3621-875-000-9	✓	50 tubes and caps/bag; 10 bags/pack	500	5000



## SuperClear® Microcentrifuge Tubes

Natural (no color added) screw caps with integrated elastomeric ring attached or in separate resealable bags

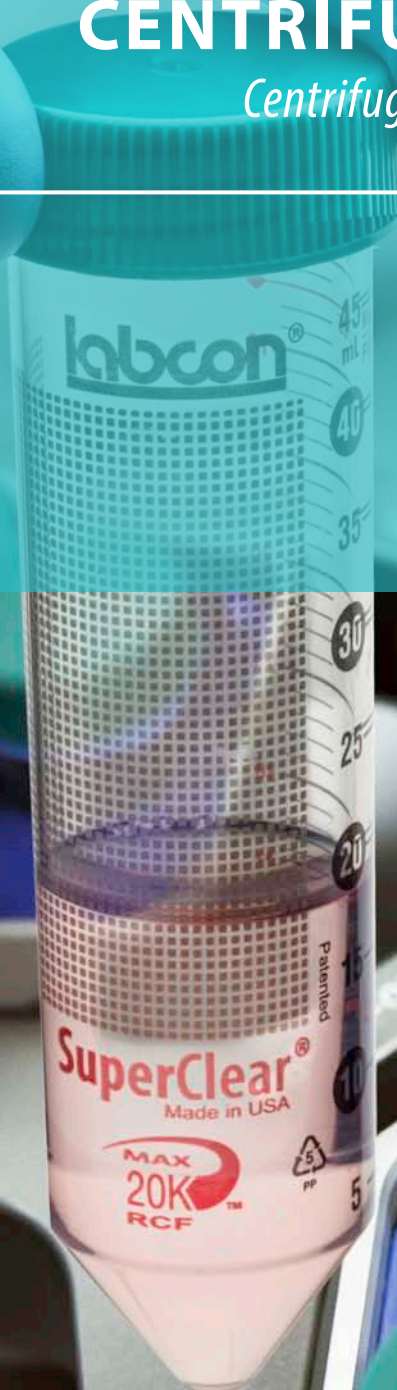
Microcentrifuge Tube	Size	Description	Item #	Sterile	Packaging	Qty/Pk	Qty/Cs
	0.5 mL	Conical	3633-870-000-9		500 tubes/500 caps in separate bags	500	5000
			3633-875-000-9	✓	50 tubes and caps/bag; 10 bags/pack	500	5000
	1.5 mL	Conical graduations writing panel	3613-870-000-9		500 tubes/500 caps in separate bags	500	5000
			3613-875-000-9	✓	50 tubes and caps/bag; 10 bags/pack	500	5000
	2.0 mL	Conical graduations writing panel	3663-870-000-9		500 tubes/500 caps in separate bags	500	5000
			3663-875-000-9	✓	50 tubes and caps/bag; 10 bags/pack	500	5000
FREESTANDING	0.5 mL	Freestanding	3643-870-000-9		500 tubes/500 caps in separate bags	500	5000
			3643-875-000-9	✓	50 tubes and caps/bag; 10 bags/pack	500	5000
	1.5 mL	Freestanding	3653-870-000-9		500 tubes/500 caps in separate bags	500	5000
			3653-875-000-9	✓	50 tubes and caps/bag; 10 bags/pack	500	5000
	2.0 mL	Freestanding graduations writing panel	3623-870-000-9		500 tubes/500 caps in separate bags	500	5000
			3623-875-000-9	✓	50 tubes and caps/bag; 10 bags/pack	500	5000





# CENTRIFUGATION

*Centrifuge Tubes*



FOR MORE INFORMATION:  
[labcon.com/centrifuge.html](http://labcon.com/centrifuge.html)

### SUPERCLEAR® 5ML CENTRIFUGE TUBES



#### Fits 15 mL Tube Rotors

Fits all standard centrifuges that accept 15 mL conical centrifuge tubes

#### Graduated Concentrator Cone

Helps you visually assess pellet

#### Syringe-Pierceable Snap Cap

Provides a leakproof seal & allows through-cap injection

#### Castellated Top

Reduces tube weight & resin use while maintaining strength

#### Graduations & Writing Panel

Easy-to-read, accurate, & molded in place to ensure they won't rub off

#### Pure Resins

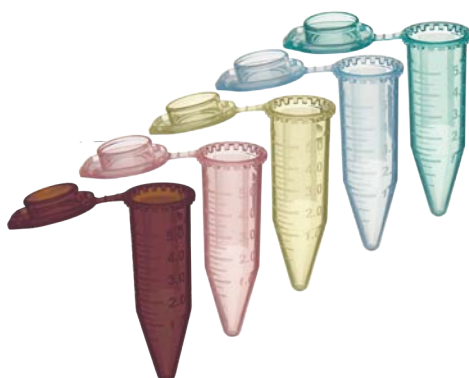
Medical grade FDA compliant CFR21 resin

Not shown to scale

### 5mL SuperClear® Tubes

5mL SuperClear snap cap centrifuge tubes are an efficient alternative to 15mL tubes. Designed to fit the same rotors as our 15mL centrifuge tubes, you can use these tubes in procedures that require smaller sample volumes.

SuperClear® tubes are designed with ergonomic caps and ultra-smooth interior surfaces with low retention characteristics. They feature a side writing surface and an extra thick and durable wall that can withstand centrifugation to 25,000 x G, more than twice the speed of some other brands.



**MATERIAL** 100% Virgin Polypropylene

**GRADE** Medical

**RATING** USP Class VI

**APPROVED USES** Medical, Research, Industrial, Food & Beverage

Item #	Color	Packaging	Sterile	Qty/Pk	Qty/Cs
3048-860-000-9	Clear	Resealable bags		250	2500
3048-861-000-9	Amber*	Resealable bags		250	2500
3048-869-000-9	Assorted**	Resealable bags		200	2000

\* For light sensitive samples

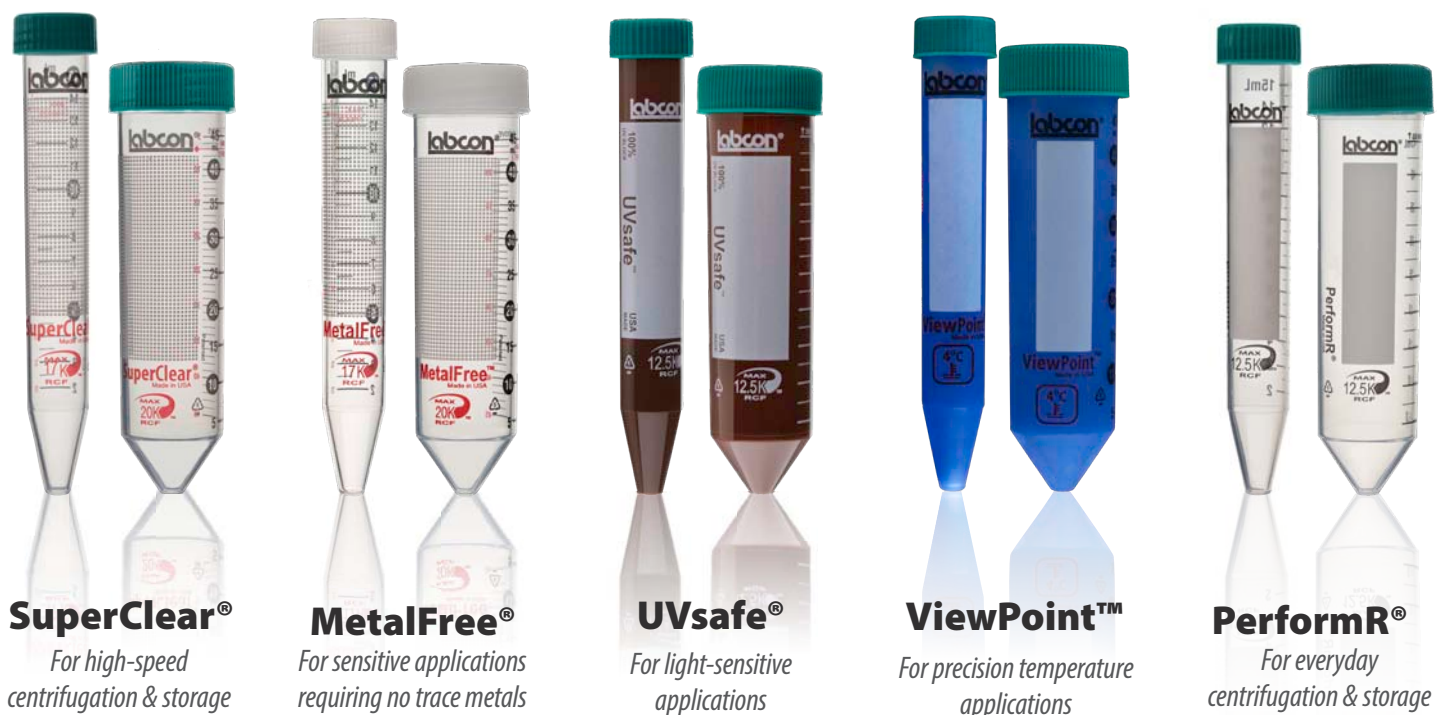
\*\* Assorted includes red, blue, green, and yellow.



SuperClear® 5mL centrifuge tubes fit into our tube racks (item# 2715) featured on page 104







### Virgin High-Quality Resins

- No recycled plastics
- Free of heavy metals
- Free of DiHEMA, oleamide, and BPA
- Tubes and caps are freezable (-80° C)
- Tubes and caps are autoclavable (122°C), as long as caps are loosely attached to tubes

### Validated Sterility

- Sterile tubes have a guaranteed Sterility Assurance Level (SAL) of  $10^{-6}$  which is required internationally for medical and diagnostic devices

### Sustainable Design

- Caps, tubes, and packaging have recycling identification codes
- Manufactured with waste-free molding machines
- Tube graphics and graduations printed with UV-cured inks which significantly reduce the emissions of harmful VOCs
- Offered in sustainable packaging approved for medical use

Packaging options are listed on the following page

### Cap Options



#### Flat Caps

Secure seal and easy to label  
Available with: PerformR® Tubes

Polyethylene



#### Natural Flat Caps

Secure seal and easy to label  
Available with: Metal-Free® Tubes

Polyethylene



#### Flat Caps with Elastomeric Sealing Ring

Leakproof seal and easy to label  
Available with: SuperClear® and ViewPoint™ Tubes

Polypropylene



#### Plug Caps

Secure seal for extended storage  
Available with: PerformR®, SuperClear®, and UVSafe® Tubes

Polyethylene





### Individually Wrapped

- Sterile tube in a thermal-sealed bag
- Validated secure seal for sterility
- Leak resistant – can be sprayed with alcohol before opening
- Ideal for most demanding sterile techniques



### Plastic Rack

- 25 tubes per rack with numbered wells
- Made from 100% pre-consumer high quality recycled plastic from our in-house plastic scrap recycling program
- Recommended for use when freezing samples in tubes. Freezable ( $-80^{\circ}\text{C}$ )
- Reusable – can be autoclaved ( $122^{\circ}\text{C}$ ) and refilled over and over again
- Stackable when empty for easy storage
- Recyclable polypropylene with resin ID code imprinted for easy recycling
- Racks can lock together to form a benchtop workstation



### IntegraPack®

- 50 tubes per IntegraPack® (5 sealed sub-packs of 10 sterile tubes)
- Every subpack is labeled with lot number and sterile expiration date
- The seam is specifically designed for easy open tearing with gloves and can easily separate/open without scissors
- Validated secure seal for purity and leak resistance – can be sprayed with alcohol before opening
- Perfect for most demanding sterile applications like clean rooms and fume hood work
- Robotically oriented and packed tubes



### Cardboard Rack

- 25 tubes per rack
- Numbered wells
- Folds flat easily for recycling
- A view port allows users to see filled tubes
- Patented



### Bag

- 50 tubes per bag
- Bags have validated secure seal for sterility and leak resistance



### Bulk

- Cost effective
- Tubes and caps in separate bags



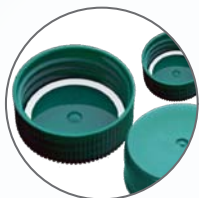




## SUPERCLEAR® FEATURES

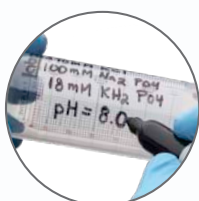
### Leakproof Seal

IATA 95kPa-certified flat caps have an integral elastomeric sealing ring that forms a certified barrier against air, liquid, & aerosol leaks



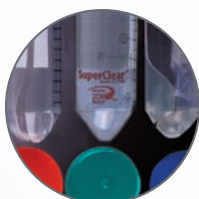
### Grid-Style Writing Panel

Patented, smudge-resistant large writing panel for sample identification



### High Spin Rates

Withstands high g-forces without leaking or breaking



### Flat or Plug Cap Options

Plug caps do not have an elastomeric sealing ring

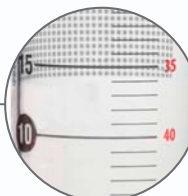
### Freezable

(-80°C) with maximum liquid volume indicator for safe sample freezing



### Graduations

With forward and reverse scales for easy-to-read & accurate measurements



### Recyclable

Caps & tubes have recycling ID codes



Not shown to scale

## SuperClear® Centrifuge Tubes

SuperClear® tubes are made from an ultra-clear medical grade resin and engineered with thick, durable walls for high speed centrifugation. They consistently outperform other brands and are designed to prevent breakage and leakage during centrifuge and freezing. Our leak-resistant flat caps keep your samples secure and our transparent, extra large writing panel is smudge-resistant and easy to see through. Tubes can also be autoclaved (122°C).

<b>MATERIAL</b>	Proprietary Polypropylene
<b>GRADE</b>	Medical
<b>RATING</b>	USP Class VI
<b>APPROVED USES</b>	Medical, Research, Industrial, Food & Beverage
<b>COLORS</b>	Clear tube/teal cap

## Packaging Options



Individually Wrapped



Plastic Rack



IntegraPack®



Cardboard Rack

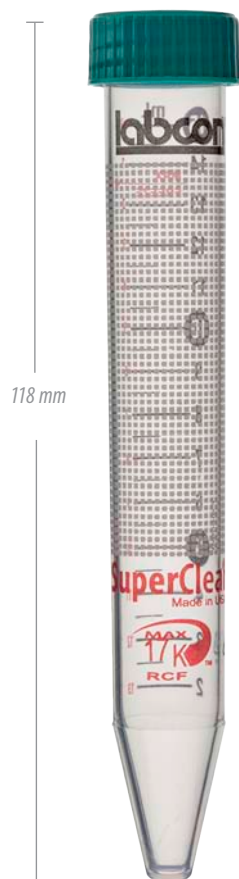


Bag



Bulk



**15 mL SuperClear Centrifuge Tubes** | Inside diameter: 15mm | Outside diameter: 17mm

Cap Style	Item #	Packaging	Sterile	Qty/Pk	Qty/Cs
<i>Plug</i> 	3132-340-008-9	Bags		50	500
	3132-345-008-9	Bags	✓	50	500
	3142-330-018-9	Cardboard Rack (2 racks/pk)		50	500
	3142-335-018-9	Cardboard Rack (2 racks/pk)	✓	50	500
	3142-870-008-9	Bulk (caps/ tubes in separate bags)		500	500
<i>Flat</i>  <i>IATA 95kPa-certified</i>	3131-165-008-9	Individually Wrapped	✓	100	100
	3131-325-008-9	IntegraPack®	✓	50	500
	3131-340-008-9	Bags		50	500
	3131-345-008-9	Bags	✓	50	500
	3141-330-018-9	Cardboard Rack (2 racks/pk)		50	500
	3141-335-018-9	Cardboard Rack (2 racks/pk)	✓	50	500
	3141-335-028-9	Plastic Rack (2 racks/pk)	✓	50	500
	3141-870-008-9	Bulk (caps/ tubes in separate bags)		500	500
<i>Caps not included</i>	3121-800-010-9	Bags		1000	1000

**50 mL SuperClear Centrifuge Tubes** | Inside diameter: 25mm | Outside diameter: 29mm

Cap Style	Item #	Packaging	Sterile	Qty/Pk	Qty/Cs
<i>Plug</i> 	3182-340-008-9	Bags		50	500
	3182-345-008-9	Bags	✓	50	500
	3192-330-018-9	Cardboard Rack		25	500
	3192-335-018-9	Cardboard Rack	✓	25	500
	3192-870-008-9	Bulk (caps/ tubes in separate bags)		500	500
<i>Flat</i>  <i>IATA 95kPa-certified</i>	3181-165-008-9	Individually Wrapped	✓	100	100
	3181-325-008-9	IntegraPack®	✓	50	500
	3181-340-008-9	Bags		50	500
	3181-345-008-9	Bags	✓	50	500
	3191-330-018-9	Cardboard Rack		25	500
	3191-335-018-9	Cardboard Rack	✓	50	500
	3191-335-028-9	Plastic Rack	✓	25	500
	3191-870-008-9	Bulk (caps/ tubes in separate bags)		500	500
<i>Caps not included</i>	3172-870-000-9	Bags		500	500





## METALFREE® FEATURES

### Additive-free

Flat caps for easy labeling



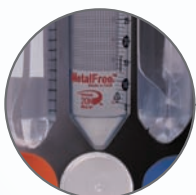
### Grid-Style Writing Panel

Patented, smudge-resistant large writing panel for sample identification



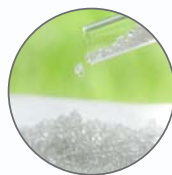
### High RCF

Withstands high g-forces without leaking or breaking



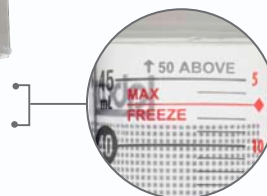
### Ultra Low Trace Metals

Tubes and caps made with virgin, 100% medical grade CFR21 compliant ultra low metal resins



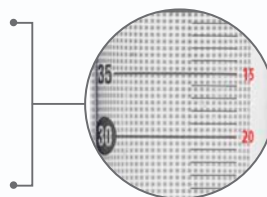
### Freezable

(-80°C) with maximum liquid volume indicator for safe sample freezing



### Graduations

With forward and reverse scales for easy-to-read & accurate measurements



### Recyclable

Caps & tubes have recycling ID codes



Not shown to scale

## MetalFree® Centrifuge Tubes

MetalFree centrifuge tubes are manufactured with a proprietary process to ensure that common trace metals and elements that can interfere with experiments are below one part per billion (<1ppb). MetalFree centrifuge tube manufacturing is certified by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS) and are perfect for sensitive applications requiring the assurance of low background metals and elements.

Metals and other elements included in testing:

- |            |             |              |
|------------|-------------|--------------|
| ✓ Aluminum | ✓ Iron      | ✓ Phosphorus |
| ✓ Arsenic  | ✓ Lead      | ✓ Potassium  |
| ✓ Cadmium  | ✓ Lithium   | ✓ Selenium   |
| ✓ Calcium  | ✓ Magnesium | ✓ Silicon    |
| ✓ Chromium | ✓ Manganese | ✓ Sodium     |
| ✓ Cobalt   | ✓ Mercury   | ✓ Vanadium   |
| ✓ Copper   | ✓ Nickel    | ✓ Zinc       |

**MATERIAL** Polypropylene (tubes) and polyethylene (caps)

**GRADE** Medical

**RATING** USP Class VI

**APPROVED USES** Medical, Research, Industrial, Food & Beverage

### Download Certificate

[labcon.com/certificates.html](http://labcon.com/certificates.html)

### Packaging Options

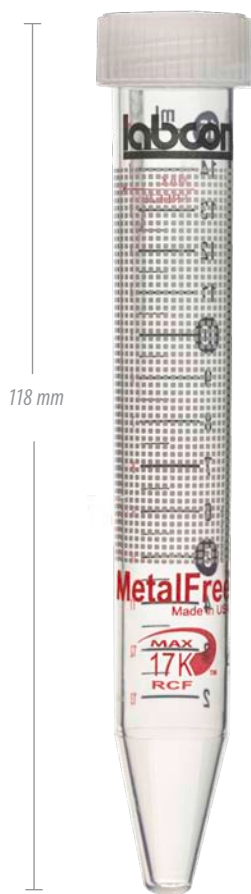



Cardboard Rack

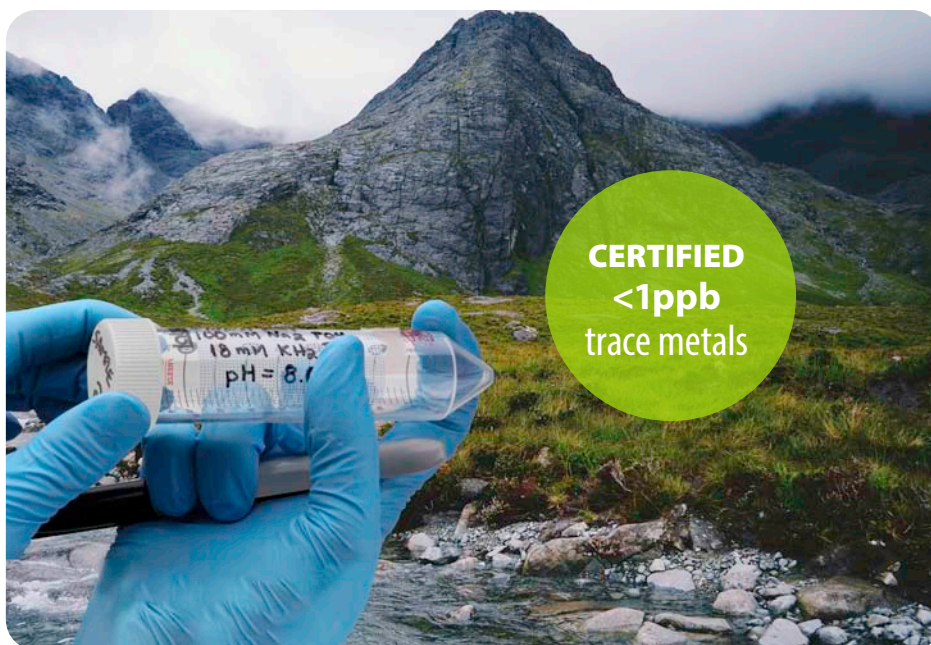



Bag



**15 mL MetalFree® Centrifuge Tubes** | Inside diameter: 15mm | Outside diameter: 17mm

Cap Style	Item #	Packaging	Sterile	Qty/Pk	Qty/Cs
 Flat	3134-345-001-9	Bags	✓	50	500
	3144-335-001-9	Cardboard Rack (2 racks/pk)	✓	50	500

**50 mL MetalFree® Centrifuge Tubes** | Inside diameter: 25mm | Outside diameter: 29mm

Cap Style	Item #	Packaging	Sterile	Qty/Pk	Qty/Cs
 Flat	3184-345-001-9	Bags	✓	50	500
	3194-335-001-9	Cardboard Rack	✓	25	500







## UVSAFE® FEATURES

### Secure Cap

Deep plug seal suitable for extended storage



### Writing Panel

Large, white solvent-resistant writing panel



### Recyclable

Caps & tubes have recycling ID codes



### Certified to Block 100% UV Light

Blocks the transmittance of UVA, UVB, and UVC wavelengths from 100-400 nm



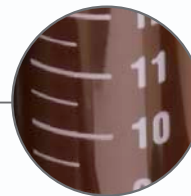
### Certified to Prevent Photobleaching

Block light wavelengths from 400-750 nm, preventing loss of fluorescent signals



### Graduations

Easy-to-read, accurate, & won't rub off



### Spin Rate

Max RCF printed directly on the tube



Not shown to scale

## UVSafe® Centrifuge Tubes

UVSafe® amber centrifuge tubes are certified to protect light-sensitive samples. They block 100% of UVA, UVB, and UVC transmittance. Ideal for use with fluorescent probes or ethidium bromide. Unlike other amber-tinted products, UVSafe® tubes are completely opaque, protecting even the most light-sensitive compounds, and preventing damage to nucleic acids and proteins.

<b>MATERIAL</b>	Polypropylene (tubes) Polyethylene (caps)
<b>GRADE</b>	Medical
<b>RATING</b>	USP Class VI
<b>APPROVED USES</b>	Medical, Research, Industrial, Food & Beverage
<b>COLORS</b>	Amber tube/teal cap

### Download Certificate

[labcon.com/certificates.html](http://labcon.com/certificates.html)

Excised parts from each lot of product are placed in a spectrophotometer and examined for the ability to block the transmittance of UVA, UVB and UVC wavelengths from 100-400 nm. Product lots are also tested for the ability to block transmittance of light wavelengths from 400-750nm used in fluorescence experiments. Product lots are approved when parts demonstrate 100% blockage of all wavelengths tested.



## Packaging Options



Cardboard Rack




Bag




Bulk

**15 mL UVSafe® Centrifuge Tubes** | Inside diameter: 15mm | Outside diameter: 17mm

Cap Style	Item #	Packaging	Sterile	Qty/Pk	Qty/Cs
	3132-445-008-9	Bags	✓	50	500
	3142-435-008-9	Cardboard Rack (2 racks/pk)	✓	50	500
	3142-871-008-9	Bulk (caps/tubes in separate bags)		500	500

**50 mL UVSafe® Centrifuge Tubes** | Inside diameter: 25mm | Outside diameter: 29mm

Cap Style	Item #	Packaging	Sterile	Qty/Pk	Qty/Cs
	3182-445-008-9	Bags	✓	50	500
	3192-435-008-9	Cardboard Rack	✓	25	500
	3192-871-008-9	Bulk (caps/tubes in separate bags)		500	500

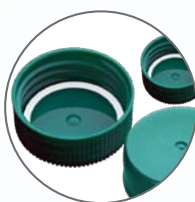




## VIEWPOINT™ FEATURES

### Leak-Resistant

Flat caps have an integral elastomeric sealing ring that forms a certified barrier against air, liquid, & aerosol leaks



### Writing Panel

Solvent-resistant large writing panel for sample identification



### UV Protection

When dark blue (0 °C), tubes provide protection from Ultraviolet (UV) light



Not shown to scale



### Real-time Temperature Detection

Blue color transition begins at 4 °C sample temperature with full dark blue signaling at 0 °C sample temperature

### Freezable

(-80 °C) with maximum liquid volume indicator for safe sample freezing



### Graduations

With forward and reverse scales for easy-to-read & accurate measurements



### Recyclable

Caps & tubes have recycling ID codes



## ViewPoint Centrifuge Tubes

ViewPoint™ thermochromic tubes are designed to identify sample temperature to support existing workflows without the need for reworked protocols or equipment. ViewPoint™ tubes transition from clear to blue when samples reach target cold temperatures. This two step and reversible thermochromic transition offers real-time temperature signaling to indicate that a sample has reached 4 °C and 0 °C. ViewPoint™ tubes are designed as a fail-safe cue before a sample has frozen, saving bench scientists time and eliminating generic, inefficient 30-minute incubations.

**MATERIAL** Polypropylene

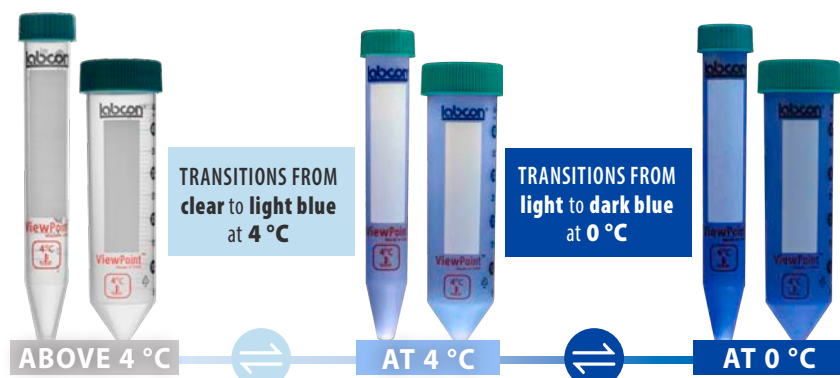
**GRADE** Medical

**RATING** USP Class VI

**APPROVED USES** Medical, Research, Industrial, Food & Beverage

**COLORS** Clear tube/teal cap

### Temperature Signaling



### Packaging Options



Plastic Rack



IntegraPack®

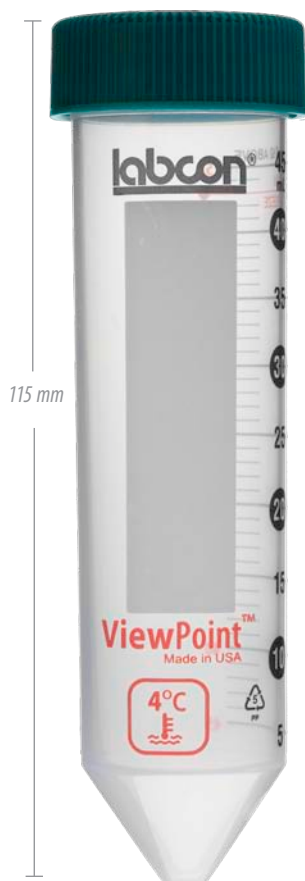
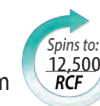


1.5 mL ViewPoint microtube information can be found on page 45



**15 mL ViewPoint Centrifuge Tubes** | Inside diameter: 15mm | Outside diameter: 17mm

Cap Style	Item #	Packaging	Sterile	Qty/Pk	Qty/Cs
	3210-320-008-9	IntegraPack®		50	100
	3210-325-008-9	IntegraPack®	✓	50	100
	3210-335-008-9	Plastic Rack (2 racks/pk)	✓	50	300

**50 mL ViewPoint™ Centrifuge Tubes** | Inside diameter: 25mm | Outside diameter: 29mm

Cap Style	Item #	Packaging	Sterile	Qty/Pk	Qty/Cs
	3220-320-008-9	IntegraPack®		50	100
	3220-325-008-9	IntegraPack®	✓	50	100
	3220-335-008-9	Plastic Rack	✓	25	300





## PERFORMR® FEATURES



### Writing Panel

Solvent-resistant large writing panel for sample identification



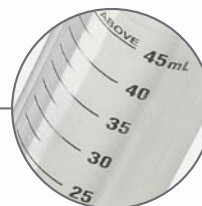
### Spin Rates

Spins to 12,500 RCF



### Flat or Plug Cap Options

Without an elastomeric sealing ring for less demanding chemicals



### Graduations

Easy-to-read, accurate, & won't rub off



### Recyclable

Caps & tubes have recycling ID codes

Not shown to scale

## PerformR® Centrifuge Tubes

PerformR® centrifuge tubes are designed for your everyday centrifugation and storage needs. These tubes include large white solvent resistant labeling areas and black easy-to-read graduations. They are available with either a flat cap that is easy to label or a plug style cap for horizontal applications. Always use appropriate cushion or adapters and biohazard containment precautions.

Sterile packaging is sterilized with a validated and approved ISO 11137 method.

**MATERIAL** Polypropylene (tubes) & Polyethylene (caps)

**GRADE** Medical

**RATING** USP Class VI

**APPROVED USES** Medical, Research, Industrial, Food & Beverage

## Packaging Options



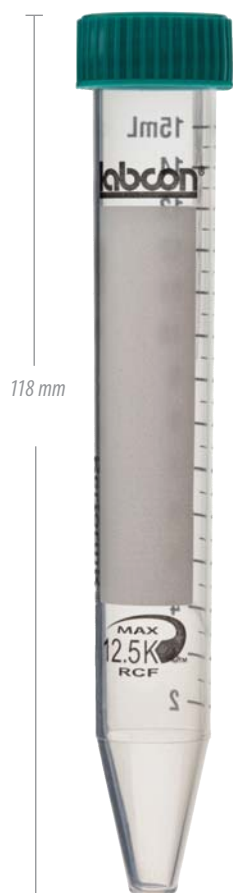
Rack



Bag





Bulk



## 15 mL PerformR® Centrifuge Tubes | Inside diameter: 15mm | Outside diameter: 17mm




Cap Style	Item #	Packaging	Sterile	Qty/Pk	Qty/Cs
 Plug	3137-345-008-9	Bags	✓	50	500
	3147-335-018-9	Plastic Rack (2 racks/pk)	✓	50	300
	3147-870-008-9	Bulk		500	500
 Flat	3136-345-008-9	Bags	✓	50	500
	3146-335-018-9	Plastic Rack (2 racks/pk)	✓	50	300
	3146-870-008-9	Bulk (caps/tubes in separate bags)		500	500



## 50 mL PerformR® Centrifuge Tubes | Inside diameter: 25mm | Outside diameter: 29mm



Cap Style	Item #	Packaging	Sterile	Qty/Pk	Qty/Cs
 Plug	3187-345-008-9	Bags	✓	50	500
	3197-335-018-9	Plastic Rack	✓	25	300
	3197-870-008-9	Bulk		500	500
 Flat	3186-345-008-9	Bags	✓	50	500
	3196-335-018-9	Plastic Rack	✓	25	300
	3196-870-008-9	Bulk (caps/tubes in separate bags)		500	500







## PERFORMR® POLYSTYRENE CENTRIFUGE TUBES

### Secure Flat Caps

Includes a polyethylene liner for a stronger seal, increased chemical resistance, & very low vapor transmission



### Quality Tested

Each lot certified free of RNase/DNase, & ATP. Non-pyrogenic & endotoxin free



### Precision Molded

No sharp corners or excess plastic that could catch on gloves or contaminate samples

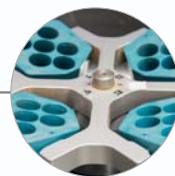


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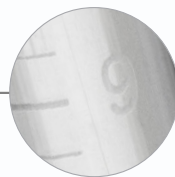
### Guaranteed Fit

Engineered to fit standard centrifuge tube rotors that accept 15 mL conical centrifuge tubes



### Graduations

Easy-to-read, accurate, & molded in place to ensure they won't rub off



### Pure Resins

Made exclusively from medical grade FDA compliant CFR21 resin



## PerformR® Polystyrene Centrifuge Tubes

Made of crystal clear resin and featuring bold, etched graduations, 15mL polystyrene tubes can be used for cell culture applications that require a glass clear material.

Cap includes a foamed low density polyethylene (LDPE) liner.



Not autoclavable or freezable.

Item #	Sterile	Packaging	Qty/Pk	Qty/Cs
3111-800-020-9		Bags	1000	1000
3115-870-028-9		Bulk (caps/tubes in separate bags)	500	1000
3128-350-028-9		Bags	125	500
3128-355-028-9	✓	Bags	125	500
3130-345-008-9	✓	Bags	50	500
3140-330-028-9		Cardboard Rack	50	500
3140-335-028-9	✓	Cardboard Rack	50	500

**MATERIAL** Polystyrene (tubes) Polyethylene (caps) with polyethylene liner

**GRADE** Medical

**RATING** USP Class VI

**APPROVED USES** Medical, Research, Industrial, Food & Beverage

### Packaging Options



Cardboard Rack



Bag



Bulk

## PERFORMR® FREESTANDING CENTRIFUGE TUBES



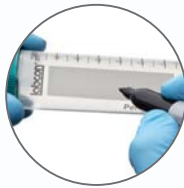
### Flat or Plug Cap Options

Neither caps have an elastomeric sealing ring



### Writing Panel

Solvent-resistant large writing panel for sample identification

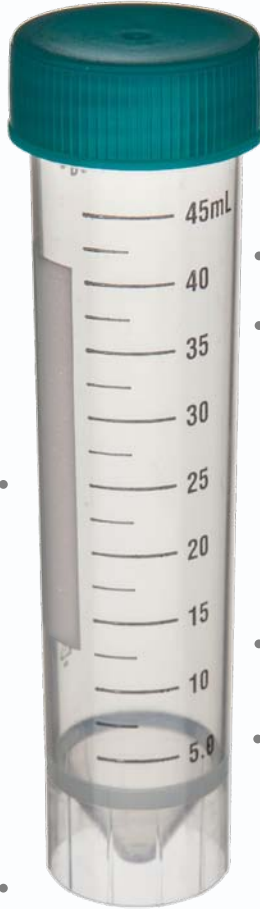


### Precision Molded

No sharp corners or excess plastic that could catch on gloves or contaminate samples

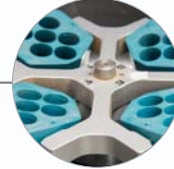


Not shown to scale



### Guaranteed Fit

Engineered to fit standard centrifuge tube rotors that accept 50mL centrifuge tubes



### Graduations

Easy-to-read, accurate, & won't rub off





### Pure Resins

Made exclusively from medical grade FDA compliant CFR21 resin



## PerformR® Freestanding Centrifuge Tubes

PerformR® freestanding centrifuge tubes are designed for everyday molecular biology needs. These tubes include large white solvent resistant labeling areas and black easy to read graduations. They are available with either a flat cap that is easy to label or a plug style cap for other applications.

Cap	Item #	Sterile	Packaging	Qty/Pk	Qty/Cs
 Flat	3095-340-008-9		Bags	50	500
	3095-345-008-9	✓	Bags	50	500
	3095-870-008-9		Bulk (caps/tubes in separate bags)	500	500
 Plug	3094-340-008-9		Bags	50	500
	3094-345-008-9	✓	Bags	50	500
	3094-870-008-9		Bulk (caps/tubes in separate bags)	500	500

**MATERIAL** Polypropylene (tubes)  
Polyethylene (caps)

**GRADE** Medical

**RATING** USP Class VI

**APPROVED USES** Medical, Research, Industrial,  
Food & Beverage

## Packaging Options



Bag



Bulk





## PERFORMR® LARGE FORMAT CENTRIFUGE TUBES

### Guaranteed Fit

Fits standard large tube centrifuge rotors, common storage racks, & cushions



### Pure Resins

Medical grade FDA compliant CFR21 resin



### Leak-Resistant

With elastomeric sealing ring that keeps sample secure

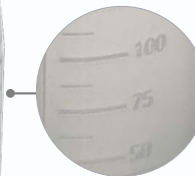


Not shown to scale



### Graduations

Easy-to-read, accurate, & molded in place to ensure they won't rub off



### Writing Area

For sample labeling & identification



### Quality Tested

Each lot certified free of RNase/DNase, & ATP. Non-pyrogenic & endotoxin free



175 mL

225 mL

## PerformR® Large Format Centrifuge Tubes

175 mL and 225 mL centrifuge tubes fit standard cushions and rotors of floor model and benchtop centrifuges. They are perfect for clarifying large volume solutions or concentrating live cells in tissue culture.

These tubes come in unique balanced packages of 2 tubes, so you don't have to worry about resealing bags or re-sterilizing these tubes. They also include our exclusive caps with an integrated elastomeric sealing ring that eliminates liquid leaking.

PerformR® large format centrifuge tubes fit popular rotor cushions



<b>MATERIAL</b>	100% Virgin Polypropylene
<b>GRADE</b>	Medical
<b>RATING</b>	USP Class VI
<b>APPROVED USES</b>	Medical, Research, Industrial, Food & Beverage

## Packaging Options

Labcon's exclusive balanced twin pack reduces the risk of contamination and eliminates the need to reseal bags, or re-sterilize any leftover tubes.

Most large volume centrifuge tubes come in packs of 6-8 tubes. Any remaining unused tubes in these pack may be exposed to potential contaminants and may require re-sterilization before use.



Balanced Twin Pack



Fit standard  
storage  
racks &  
cushions



## 175 mL PerformR® Centrifuge Tubes | Outside diameter: 61 mm x 117 mm

Item # Sterile Qty/Pk Qty/Cs



3080-820-000-9 2 48

3080-825-000-9 ✓ 2 48

## 225 mL PerformR® Centrifuge Tubes | Outside diameter: 61 mm x 137 mm

Item # Sterile Qty/Pk Qty/Cs



3081-820-000-9 2 48

3081-825-000-9 ✓ 2 48