



Path
SUPPLY
HELPING THOSE WHO HELP PATIENTS

***Cryogenic, PCR & Research
Products Catalog - 4th Edition***





A note from the owner:

As a behind-the-scenes business, we are always looking for ways in which we can step up and improve the services we offer you. This catalog is one such way, with at-your-fingertip options for the supplies you need to get the job done in the most effective and efficient manner possible.



In our role as a vendor, we help the patient indirectly by supporting those of you on the front lines and behind the scenes... those who are administering, processing, and developing the treatments, tests, and procedures. It's our way of contributing to the patient's wellbeing.

Like our tagline says, we are "helping those who help patients." One way we accomplish this is by looking for unique products that help make laboratory work safer, faster, and more efficient. Sometimes small, unique products like the vial picker or Cool Caddy make a huge difference for you and your team.

Superior service, like flexible standing orders, and affordable prices are yet another way in which we support you.

On behalf of my entire team, thank you for being a PathSUPPLY customer.

Take care,

Mark Jakabcsin

Owner, PathSUPPLY



Path SUPPLY

HELPING THOSE WHO HELP PATIENTS

Welcome to PathSUPPLY. We are a small, veteran-owned business founded in 2012. Here's a little about what sets us apart.

Unique and Hard-to-Find Products

We find and source unique products that are designed to make your job easier, to help reduce work-related injuries, and to increase efficiency and productivity.

Cost-Effective and Customized Solutions

We work with you to develop customized solutions for your lab or facility. Many of our products are more cost-effective than other popular brands while maintaining a high level of quality.

Individualized Quotes

Our sales representatives work with you to provide individualized quotes for the products you need.

On-Site Product Demos

We will bring sample products to you and show you how they work so that you can make an informed purchasing decision.

Easy Ordering

Customers can place an order over the phone at 800-631-3556, via email at orders@pathsupply.com, or online at PathSUPPLY.com.

Flexible Standing Orders

PathSUPPLY offers flexible standing orders on consumable products. Your sales representative or our customer service team at 800-631-3556 can help get you set up.

Fast Shipping

Most orders ship within 24 business hours from our ISO 9001 certified food grade warehouse.

Our Customers

We serve customers in many types of facilities including government facilities, hospitals, and universities.



PathSUPPLY.com

Email: orders@pathsupply.com

Toll Free: 800-631-3556



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CryoClear™ Vials

CryoClear™ vials are designed for the cryogenic storage and transport of biological specimens at temperatures as low as -196°C.

FEATURES:

- Purity guaranteed
- Temperature range: -196°C to 121°C
- Pressure tested at 95 kPa
- Medical-grade polypropylene tube will not discolor after sterilizing
- Star-shaped top cavity engineered for use with automation
- Self-standing tubes interlock with Globe workstation racks



- Screw caps constructed of polyethylene co-molded with thermoplastic elastomer provide leak-resistant seal without increased risk of contamination or sample loss from O-rings
- Color-coded cap inserts available for quick sample identification
- Printed with unique barcode for sample identification or data collection



Internal Threaded Vials

| Item No. | Description | Quantity/Pkg |
|----------|------------------------------------|---------------------|
| 3001 | 1mL, conical bottom, self-standing | 500 (10 bags of 50) |
| 3002 | 2mL, round bottom, self-standing | 500 (10 bags of 50) |
| 3003 | 2mL, round bottom | 500 (10 bags of 50) |
| 3004 | 4mL, round bottom | 500 (10 bags of 50) |
| 3005 | 4mL, round bottom, self-standing | 500 (10 bags of 50) |
| 3006 | 5mL, round bottom | 500 (10 bags of 50) |
| 3008 | 5mL, round bottom, self-standing | 500 (10 bags of 50) |

External Threaded Vials

| Item No. | Description | Quantity/Pkg |
|----------|------------------------------------|---------------------|
| 3010 | 1mL, conical bottom, self-standing | 500 (10 bags of 50) |
| 3011 | 2mL, round bottom | 500 (10 bags of 50) |
| 3012 | 2mL, round bottom, self-standing | 500 (10 bags of 50) |
| 3013 | 3mL, round bottom, self-standing | 500 (10 bags of 50) |
| 3014 | 4mL, round bottom, self-standing | 500 (10 bags of 50) |
| 3015 | 5mL, round bottom, self-standing | 500 (10 bags of 50) |

CryoClear™ Cap Inserts

Cap inserts nest inside both internal and external threaded caps to help with color-coding and sample identification. Available in 9 colors (packs of 1000) or assorted (packs of 600).



Cap Inserts

| Item No. | Insert Color | Item No. | Insert Color |
|----------|--------------|-----------|--------------|
| 30079A | Gray | 30079R | Red |
| 30079B | Blue | 30079V | Violet |
| 30079G | Green | 30079W | White |
| 30079N | Orange | 30079Y | Yellow |
| 30079P | Pink | 30079AST6 | Assorted |



Vial Picker

The vial picker snaps into caps, making removing vials from storage boxes a breeze.

| Item No. | Description | Quantity/Pkg |
|----------|---------------------------|--------------|
| 30078 | Vial Picker for CryoClear | 10 |

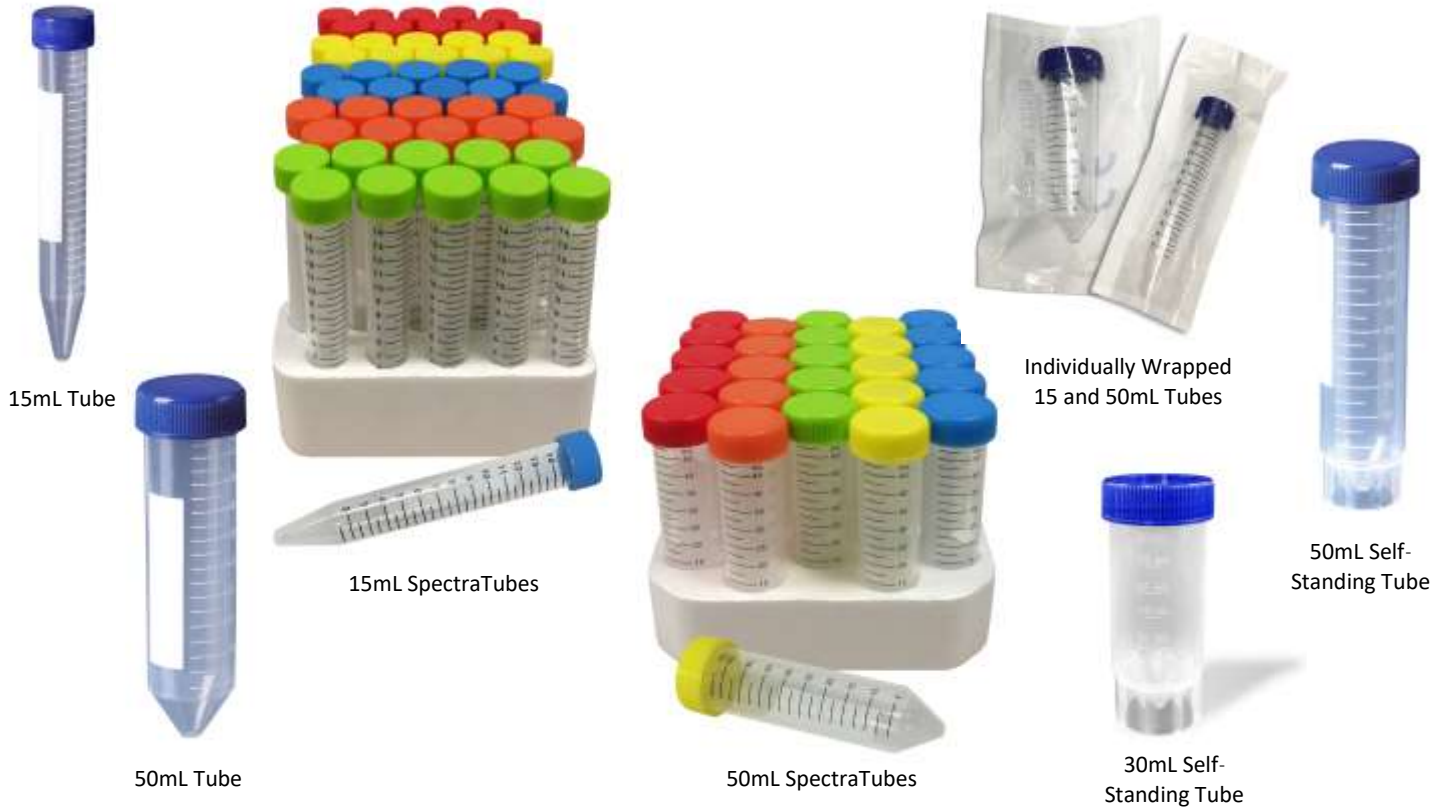
CENTRIFUGE TUBES

Centrifuge Tubes - 15, 30, and 50mL

Clear and durable, 15, 30, and 50mL centrifuge tubes have printed graduations, a writing area, and a conical bottom. Self-standing versions available for 30 and 50mL tubes. Standard blue cap or SpectraTube™ multi-color caps for easier sample identification.

FEATURES:

- RNase, DNase, pyrogen, and cytotoxin free
- Temperature range: -86°C to 121°C
- Leakproof screw-caps
- Withstands 12,000xg (15mL), 15,000xg (50mL), or 7,000xg (self-standing)
- Sterile and non-sterile tubes available
- Available with standard blue caps or SpectraTube™ multi-color caps in red, orange, yellow, green, and blue



| Item No. | Description | Quantity/Pkg |
|-----------|--|----------------------|
| PSC2600 | 15mL, blue caps, foam rack, sterile | 500 (10 racks of 50) |
| PSC2601 | 15mL, blue caps, notched bag, sterile | 500 (10 bags of 50) |
| PSC2602 | 50mL, blue caps, foam rack, sterile | 500 (20 racks of 25) |
| PSC2603 | 50mL, blue caps, notched bag, sterile | 500 (20 bags of 25) |
| PSC2603-B | 50mL, blue caps, bulk bag, non-sterile | 1 bag of 500 |
| PSC2605 | 50mL, blue caps, notched bag, sterile, free-standing | 500 (20 bags of 25) |
| PSC2630 | 30mL, blue caps, notched bag, sterile, free-standing | 500 (20 bags of 25) |
| PSC2615-W | 15mL, blue caps, individually wrapped, sterile | Case of 300 |
| PSC2650-W | 50mL, blue caps, individually wrapped, sterile | Case of 300 |
| PSC2715 | 15mL SpectraTubes, multi-color caps (5 colors), foam rack with 10 of each color, sterile | 500 (10 racks of 50) |
| PSC2750 | 50mL SpectraTubes, multi-color caps (5 colors), foam rack with 5 of each color, sterile | 500 (20 racks of 25) |
| PSC2716 | 15mL SpectraTubes, multi-color caps (5 colors), 4 bags of each color, sterile | 500 (20 bags of 25) |
| PSC2751 | 50mL SpectraTubes, multi-color caps (5 colors), 4 bags of each color, sterile | 500 (20 bags of 25) |

MacroTubes® 5mL Centrifuge Tubes

CENTRIFUGE TUBES

MacroTubes® 5mL centrifuge tubes offer the conveniences of standard 1.5mL tubes for larger volumes.

FEATURES:

- Compatible with standard equipment
- Easy-open Snap-Cap (flip top) or Screw-Cap
- Certified RNase and DNase free
- Leak-resistant seal
- Unsurpassed clarity
- Temperature range: -86°C to 80°C for Snap-Cap and -86°C to 100°C for Screw-Cap
- Screw cap tubes may be heated to boiling without additional measures
- Snap-Cap tubes may be boiled for up to 10 minutes after being secured with CapLock Clip™
- Withstands 25,000xg (in appropriate rotor)
- Dual graduations
- Sterile and non-sterile tubes available

Snap-Cap Tubes

| Item No. | Description | Quantity/Pkg |
|-------------|-----------------------|---------------------|
| PSC2500 | Natural | 200 (4 bags of 50) |
| PSC2500-B | Blue | 200 (4 bags of 50) |
| PSC2500-G | Green | 200 (4 bags of 50) |
| PSC2500-OB | Opaque Black | 200 (4 bags of 50) |
| PSC2500-R | Red | 200 (4 bags of 50) |
| PSC2500-Y | Yellow | 200 (4 bags of 50) |
| PSC2500-AST | Assorted | 200 (4 bags of 50) |
| PSC2520 | Sterile, Pyrogen-free | 200 (10 bags of 20) |

Five-O™ Screw-Cap Tubes

| Item No. | Description | Quantity/Pkg |
|------------|-------------------------------------|----------------------|
| PSC2530 | Natural | 500 (5 bags of 100) |
| PSC2540 | Sterile, Pyrogen-free | 500 (10 racks of 50) |
| PSC2540-OB | Sterile, Pyrogen-free, Opaque Black | 500 (10 racks of 50) |



Snap-Cap 5mL MacroTubes®



Five-O™ Screw-Cap 5mL MacroTubes®

MacroTube® Accessories

The CapLock Clip™ is recommended for use with Snap-Cap tubes in extreme temperature conditions. It features a break-away lifting tab for easy release.



CapLock Clip™

| Item No. | Description | Qty/Pkg |
|----------|--------------------------|---------|
| PSC2570 | Adapter | 4 |
| PSC2586 | CapLock Clip™ | 20 |
| PSC2590 | 2-Tiered pipetting rack | 1 |
| PSC2592 | High-volume gripper rack | 1 |
| PSC2581 | Freezer/cryo box | 5 |



Gripper rack

The high-volume gripper rack securely holds 50 MacroTubes.

2-tiered benchtop rack holds 16 MacroTubes.



2-Tiered rack

MacroTube® Adapter



Freezer box

Polycarbonate freezer box holds 25 MacroTubes.

MICROCENTRIFUGE TUBES

SureSeal S™ MicroTubes

SureSeal S™ microcentrifuge tubes serve a broad range of research applications.

FEATURES:

- Sterile, DNase, RNase, and pyrogen free
- Secure, liquid-tight seal
- Ergonomic-opening flip-top cap
- Temperature range: -90°C to 121°C
- Withstands 28,000xg
- Glass-clear side walls
- Ultra-smooth interior surface
- Frosted marking surface on cap
- Syringe permeable area on cap
- Cap-locking clips included in each bag
- Self-standing, resealable bag

Cap-locking clip



1.5mL Tubes

| Item No. | Description | Quantity/Pkg |
|---------------|---|---------------------|
| PSC2000 | Natural | 500 |
| PSC2000-B | Blue | 500 |
| PSC2000-G | Green | 500 |
| PSC2000-O | Orange | 500 |
| PSC2000-OB | Opaque Black | 500 |
| PSC2000-P | Purple | 500 |
| PSC2000-R | Red | 500 |
| PSC2000-Y | Yellow | 500 |
| PSC2000-AST | Assorted | 500 |
| PSC2000-50 | Natural | 500 (10 bags of 50) |
| PSC2000-50AST | Assorted, single-color bags (R, G, B, Y, P) | 500 (10 bags of 50) |

2.0mL Tubes

| Item No. | Description | Quantity/Pkg |
|----------|-------------|--------------|
| PSC2002 | Natural | 500 |

0.5mL Tubes

| Item No. | Description | Quantity/Pkg |
|-------------|-------------|--------------|
| PSC2007 | Natural | 500 |
| PSC2007-AST | Assorted | 500 |

SureSeal™ Screw-Cap MicroTubes

SureSeal™ Screw-Cap tubes offer ultra-clear visibility with a leak-proof seal.

FEATURES:

- Sterile, DNase, RNase, and pyrogen free
- Leak-proof O-ring seal
- Centrifuge up to 22,000xg (2mL) or 26,000xg (1.5mL)
- Printed graduations (on 2mL only)



1.5mL Screw Cap
PSC2210 (no loop)
PSC2220 (with loop cap)



2.0mL Screw Cap
PSC3220-SG (no loop)
PSC3220-SGL (with loop cap)

| Item No. | Description | Quantity/Pkg |
|-------------|---------------------------------------|----------------------|
| PSC3220-SG | Caps assembled, graduated, 2.0mL | 1000 (20 bags of 50) |
| PSC3220-SGL | Loop caps assembled, graduated, 2.0mL | 1000 (20 bags of 50) |
| PSC2210 | Caps assembled, 1.5mL | 500 |
| PSC2220 | Loop caps assembled, 1.5mL | 500 |

SureStrain™ Cell Strainers

The SureStrain™ Premium Cell Strainer system is a fast, easy-to-use solution for detaching, isolating, and straining cells from clusters and tissues.

FEATURES:

- Advanced design eliminates “air-lock” effect, allowing for faster flow-through
- Improved aeration prevents spillovers
- Sterile, RNase, DNase, pyrogen, and cytotoxin free
- Molded grip ensures aseptic handling
- Interlocking and stackable for tiered filtration



- Compatible with 6-well plates
- Four 1.5mm feet allow for straining into flat plates or dishes
- Unique adapter allows for use with tubes as small as 5mL
- Polypropylene frame with nylon mesh
- Color-coded: 40µm-blue, 70µm-white, 100µm-yellow
- Individually wrapped with one reducing adapter

| Item No. | Description | Quantity/Pkg |
|----------|--|--------------|
| PSC4040 | SureStrain™ Cell Strainer, 40µm, blue | 50 |
| PSC4070 | SureStrain™ Cell Strainer, 70µm, white | 50 |
| PSC4100 | SureStrain™ Cell Strainer, 100µm, yellow | 50 |
| PSC4015 | Reducing adapter for 12x75mm, 17x100mm, 5mL, and 15mL tubes | 50 |
| PSC4010 | PolyPestle™ dual-sided pestle for cell strainers and 1.5mL microtubes, sterile, individually wrapped | 25 |



SureStrain™ Stackable Cell Strainers

PolyPestle™ Dual-Sided Pestle (PSC4010)

Reducing adapter for smaller tubes (PSC4015)

Reducing adapter equipped smaller tubes

ReadyStrain™ Cell Strainer Kits

ReadyStrain™ kits provide all the parts for cell suspension filtration in a ready-to-use sterile packet.

FEATURES:

- Eliminates contamination risk
- Strainer is pre-attached to sterile 50mL tube
- Includes 50mL tube, strainer, and separate sterile screw-cap
- Individually wrapped



| Item No. | Description | Qty/Pkg |
|----------|---------------------------------|---------|
| PSC5040 | ReadyStrain™ kit, 40µm, blue | 50 |
| PSC5070 | ReadyStrain™ kit, 70µm, white | 50 |
| PSC5100 | ReadyStrain™ kit, 100µm, yellow | 50 |

CRYO & FREEZER BOXES

Polycarbonate Cryogenic Storage Boxes

Designed to hold 1.2mL to 2.0mL cryovials, polycarbonate cryogenic boxes withstand temperatures as low as -196°C.

FEATURES:

- Long lasting, durable replacement for cardboard boxes
- Temperature range: -196°C to 121°C
- Unique, permanent barcode
- Alphanumeric index on lid aids in sample identification
- Holds 1.2mL to 2.0mL cryovials
- Available in 9x9 (81 place) and 10x10 (100 place) formats
- Transparent, hinged lid can be opened with one hand
- Drainage slots for liquid nitrogen
- Fully autoclavable
- Compatible with standard 5.25-inch freezer racks

HINGED LID



| Item No. | Description | Qty |
|----------|---|-----|
| PSR2081 | Cryo storage box for up to 2mL vials, 9x9 | 5 |
| PSR2100 | Cryo storage box for up to 2mL vials, 10x10 | 5 |

BioBox™ Cryogenic Storage Boxes

Polycarbonate box in 9x9 format holds up to 81 larger (3, 4, and 5mL) cryovials. Suitable for temperatures as low as -196°C.

FEATURES:

- Long lasting cryovial storage
- Translucent lid for visibility
- Temperature range: -196°C to 121°C
- Autoclavable
- Alphanumeric index for sample identification
- Vent holes for drainage and rapid freezing
- Angled corners ensure proper grid alignment
- Fits in stainless steel freezer racks
- Vial picker (Item 30078 on pg. 3) included with each box



| Item No. | Description | Qty |
|----------|---|-----|
| 3042B | Cryo storage box for 3, 4, and 5mL vials, 9x9, blue | 4 |
| 3042G | Cryo storage box for 3, 4, and 5mL vials, 9x9, green | 4 |
| 3042R | Cryo storage box for 3, 4, and 5mL vials, 9x9, red | 4 |
| 3042Y | Cryo storage box for 3, 4, and 5mL vials, 9x9, yellow | 4 |

CRYO & FREEZER BOXES

Polycarbonate Freezer Storage Boxes

This polycarbonate freezer box is designed to hold up to 25 MacroTubes® (5.0mL).

FEATURES:

- Long lasting, durable replacement for cardboard boxes
- Numeric index on lid aids in sample identification
- Accommodates 5.0mL tubes, screw-cap or flip-top
- Transparent, removable lid



5mL Five-O™
Screw-Cap
MacroTubes®
PSC2530



5mL Snap-Cap
MacroTubes®
PSC2500

| Item No. | Description | Qty |
|----------|--|-----|
| PSC2581 | Freezer storage box for 5mL vials, 5x5 | 5 |

Polypropylene Freezer Storage Boxes

Polypropylene construction outlasts cardboard boxes. Suitable for refrigerator or freezer (-80°C) storage.

FEATURES:

- Longer lasting than cardboard boxes
- Translucent lid for visibility
- Tolerates temps as low as -80°C
- Autoclavable
- Alphanumeric index for sample identification
- Available in 9x9 (81-place) or 10x10 (100-place) formats

| Item No. | Description | Qty |
|------------|---|-----|
| PSR1060 | Freezer box w/ friction fit lid, 2mL, 9x9, rainbow pack | 5 |
| PSR1020 | Freezer box w/ hinged lid, 1.5mL, 10x10, rainbow pack | 5 |
| PSR1020-B | Freezer box w/ hinged lid, 1.5mL, 10x10, blue | 5 |
| PSR1020-BK | Freezer box w/ hinged lid, 1.5mL, 10x10, black | 5 |
| PSR1020-G | Freezer box w/ hinged lid, 1.5mL, 10x10, green | 5 |
| PSR1020-O | Freezer box w/ hinged lid, 1.5mL, 10x10, orange | 5 |
| PSR1020-R | Freezer box w/ hinged lid, 1.5mL, 10x10, red | 5 |
| PSR1020-Y | Freezer box w/ hinged lid, 1.5mL, 10x10, yellow | 5 |



PSR1060
Rainbow pack



PSR1020 Rainbow pack
and assorted colors

CRYO & FREEZER BOXES



Cardboard Freezer Storage Boxes

Made of coated, recyclable cardboard, these 2-inch or 3-inch (76mm) FlipTop™ hinged freezer boxes hold vials up to 4.0mL.

FEATURES:

- Recyclable cardboard with liquid-resistant outer coating
- Easy-open hinged lid preserves orientation
- Available in 9x9 and 10x10 formats
- 81-place 3" box holds up to 13mm dia. tubes
- 100-place 3" box holds up to 12mm dia. tubes or cryovials up to 4mL
- 2" boxes hold up to 2mL cryovials
- Alphanumeric index
- LN2 drainage slots

| Item No. | Description | Qty |
|-----------|--|-----|
| PSR2781 | 2" Cardboard freezer box 9x9 (81-place), white | 5 |
| PSR2781-B | 2" Cardboard freezer box 9x9 (81-place), blue | 5 |
| PSR2781-G | 2" Cardboard freezer box 9x9 (81-place), green | 5 |
| PSR2781-O | 2" Cardboard freezer box 9x9 (81-place), orange | 5 |
| PSR2781-P | 2" Cardboard freezer box 9x9 (81-place), purple | 5 |
| PSR2781-R | 2" Cardboard freezer box 9x9 (81-place), red | 5 |
| PSR2781-A | 2" Cardboard freezer box 9x9 (81-place), assorted | 5 |
| PSR2700 | 2" Cardboard freezer box 10x10 (100-place), white | 5 |
| PSR2700-B | 2" Cardboard freezer box 10x10 (100-place), blue | 5 |
| PSR2700-G | 2" Cardboard freezer box 10x10 (100-place), green | 5 |
| PSR2700-O | 2" Cardboard freezer box 10x10 (100-place), orange | 5 |
| PSR2700-P | 2" Cardboard freezer box 10x10 (100-place), purple | 5 |
| PSR2700-R | 2" Cardboard freezer box 10x10 (100-place), red | 5 |
| PSR2700-A | 2" Cardboard freezer box 10x10 (100-place), asstd | 5 |
| PSR3781 | 3" Cardboard freezer box 9x9 (81-place), white | 50 |
| PSR3700 | 3" Cardboard freezer box 10x10 (100-place), white | 50 |



Cardboard Freezer Storage Boxes for Larger Vials

Cardboard storage boxes with a liquid-resistant coating designed for use in refrigerator, freezer, or cryogenic storage container. Sizes to accommodate 3, 4, 5, 15, and 50mL vials or centrifuge tubes.

FEATURES:

- Temperature range: -196°C to 121°C
- Autoclavable
- Numeric index on bottom
- Drainage holes



| Item No. | Description | Qty/Pk |
|----------|--|---------|
| 3094 | Freezer box for 3 & 4mL (3" tall x 15mm wide) tubes, 8x8, white | 1 or 48 |
| 3094Y | Freezer box for 3 & 4mL (3" tall x 15mm wide) tubes, 8x8, yellow | 1 or 48 |
| 3095 | Freezer box for 3 & 4mL (3" tall x 13mm wide) tubes, 9x9, white | 1 or 48 |
| 3097 | Freezer box for 5mL centrifuge tubes, 6x6, white | 1 or 48 |
| 3098 | Freezer box for 15mL centrifuge tubes, 7x7, white | 1 or 36 |
| 3099 | Freezer box for 50mL centrifuge tubes, 4x4, white | 1 or 48 |

Benchtop Centrifuge and Microtube Racks

Polypropylene benchtop racks to suit practically any need.

4-Way Rack

Holds either 4 - 50mL, 12 - 15mL, or 32 - 0.5, 1.5, or 2.0mL tubes. Racks can be snapped together to form larger racks.

| Item No. | Description | Qty |
|----------|---|-----|
| PSR1030 | 4-way rack for tubes from 0.5 to 50mL, rainbow pack | 5 |



4-Way rack



Reversible rack

Reversible 96-Place Rack

One side holds 96 - 0.5mL microtubes; the other holds 96 - 1.5mL microtubes.

| Item No. | Description | Qty |
|----------|---|-----|
| PSR1050 | Reversible rack for 0.5 or 1.5mL microtubes, orange | 5 |

15 & 50mL Combo Rack

This combo rack can hold up to 30 - 15mL and 20 - 50mL centrifuge tubes.

| Item No. | Description | Qty |
|----------|--|-----|
| PSR1070 | 15 and 50mL centrifuge tube rack, orange | 5 |



Combo rack

High-Volume Gripper Rack

Gripper rack securely holds up to 50 - 5mL centrifuge tubes, either flip top or screw top.

| Item No. | Description | Qty |
|----------|--------------------------------|-----|
| PSC2592 | 5mL centrifuge tube rack, blue | 1 |



Gripper rack

2-Tiered Benchtop Pipetting Rack

Two tiered pipetting rack hold up to 16 flip-top or screw-top 5mL centrifuge tubes.

| Item No. | Description | Qty |
|----------|---|-----|
| PSC2590 | 2-tiered 5mL centrifuge tube rack, blue | 1 |



2-Tiered rack

PCR PRODUCTS

PureAmp™ 0.2mL Tubes and Strips

Available in 7 different configurations, PureAmp™ 0.2mL PCR tubes and strips adhere to tight dimensional tolerances with ultra-thin walls for better thermal transfer.

FEATURES:

- RNase, DNase, DNA, and PCR-inhibitor free
- Ultra-thin, uniform walls for optimal thermal transfer
- Flat, domed, or optical caps
- qPCR strips are available in clear or white for optimal fluorescence reflectivity

| Item No. | Description | Qty |
|------------|---|------|
| PSP3010-A | 8-Strips with attached individual flat caps | 120 |
| PSP3010-S | 8-Strips with separate flat cap strips | 120 |
| PSP3020 | 8-Strips with separate domed cap strips | 120 |
| PSP3030 | Individual tubes with attached flat caps | 1000 |
| PSP3040 | Individual tubes with attached domed caps | 1000 |
| PSP3802-Q | qPCR 8-Strips with separate optical strip caps, clear | 120 |
| PSP3802-QW | qPCR 8-Strips with separate optical strip caps, white | 120 |
| PSP0800-TL | Tool for opening and closing tubes | 2 |



PSP3010-A



PSP3010-S



PSP3802-Q



PSP3030



PSP3040



PSP3020



PSP3802-QW

PureAmp™ 0.1mL Low Profile qPCR Strips

Designed for qPCR applications, PureAmp™ 0.1mL Low Profile PCR strips are available in 3 different color configurations. They adhere to tight dimensional tolerances with ultra-thin walls for better thermal transfer.



PSP0800-TL

| Item No. | Description | Qty |
|------------|--|-----|
| PSP3801-Q | 8-Strips with separate optical strip caps, clear | 120 |
| PSP3801-QF | 8-Strips with separate optical strip caps, frosted | 120 |
| PSP3801-QW | 8-Strips with separate optical strip caps, white | 120 |
| PSP0800-TL | Tool for opening and closing tubes | 2 |

FEATURES:

- RNase, DNase, DNA, and PCR-inhibitor free
- Ultra-thin, uniform walls for optimal thermal transfer
- Clear, white, or frosted



PSP3801-Q

PSP3801-QW



PSP3801-QF



PureAmp™ 0.2mL Plates

Held to tight dimensional tolerances, PureAmp™ 0.2mL PCR plates are compatible with most popular thermal cyclers. Packaged in bags of 10 to reduce environmental exposure.

FEATURES:

- RNase, DNase, DNA, and PCR-inhibitor free
- Alpha-numeric reference grids
- Ultra-thin, uniform walls for optimal thermal transfer
- Non-skirted, semi-skirted, and raised rim configurations

| Item No. | Description | Qty |
|-------------|--|-----|
| PSP9602-N | 96-well, non-skirted | 50 |
| PSP9602-S | 96-well, semi-skirted | 50 |
| PSP9602-SRR | 96-well, semi-skirted with raised rim (ABI®) | 50 |



PSP9602-N



PSP9602-S



PSP9602-SRR

PureAmp™ 0.1mL Low Profile Plates

Ideal for qPCR applications, PureAmp™ 0.1mL Low Profile plates are compatible with most popular qPCR equipment. Precision manufacturing and uniform ultra-thin walls ensure rapid heat transfer and consistent results. Bags of 10 reduce environmental exposure.

FEATURES:

- RNase, DNase, DNA, and PCR-inhibitor free
- Ultra-thin, uniform walls for optimal thermal transfer
- Alpha-numeric reference grids
- Semi-skirted and raised rim configurations
- Semi-skirted plates available in white

| Item No. | Description | Qty |
|-------------|-----------------------------------|-----|
| PSP9601-S | 96-well, semi-skirted | 50 |
| PSP9601-SW | 96-well, semi-skirted, white | 50 |
| PSP9601-SRR | 96-well, semi-skirted, raised rim | 50 |



PSP9601-S



PSP9601-SW



PSP9601-SRR

PureAmp™ Precut Sealing Membranes

With 4 types, all compatible with standard PCR plates, PureAmp™ Membranes are guaranteed to keep evaporation below 5%. In packages of 10 to minimize exposure.

FEATURES:

- RNase, DNase, DNA, and PCR-inhibitor free
- For PCR and qPCR
- Less than 5% evaporation

| Item No. | Description | Qty |
|-------------|--|-----|
| PSP1001-PCR | Transparent film for PCR, Temp: -40° to 140°C | 100 |
| PSP1001-QPS | Optically clear film for qPCR, pressure-sensitive adhesive (ABI®), Temp: -40° to 120°C | 100 |
| PSP1001-Q | Optically clear film for qPCR, sticky adhesive (Bio-Rad®), Temp: -40° to 120°C | 100 |
| PSP1001-A | Aluminum for PCR or storage, Temp: -80° to 120°C | 100 |



PSP9602-N



PSP9602-N



PSP9602-N



PSP9602-N

SOLUTION RESERVOIRS

Multi-Channel Solution Reservoirs

Disposable reservoirs are compatible with standard 4, 8, and 12-channel pipettes. A wide base and thicker walls improve stability. Constructed of medical-grade polystyrene. Sterile or non-sterile bulk packages.

FEATURES:

- Molded graduation lines
- Dripless pour spout on each corner
- Tapered "V" bottoms minimize reagent loss

- Sterile packs are RNase, DNase, DNA, and PCR-inhibitor free
- Easy to separate, no-stick design
- Easy-open bags



| Item No. | Description | Qty |
|------------|--|-----|
| PSP8025 | 25mL reservoir, bulk pack | 100 |
| PSP8025-1S | 25mL reservoir, sterile, individually wrapped | 100 |
| PSP8025-5S | 25mL reservoir, sterile, 5 per bag | 200 |
| PSP8050 | 50mL reservoir, bulk pack | 100 |
| PSP8050-1S | 50mL reservoir, sterile, individually wrapped | 100 |
| PSP8050-5S | 50mL reservoir, sterile, 5 per bag | 200 |
| PSP8100 | 100mL reservoir, bulk pack | 100 |
| PSP8100-1S | 100mL reservoir, sterile, individually wrapped | 100 |
| PSP8100-5S | 100mL reservoir, sterile, 5 per bag | 200 |

8 PLUS 4™ Divided Multi-Channel Solution Reservoirs

The 8 PLUS 4™ 50mL divided reservoir is perfect for pipetting 2 different solutions with 12-channel pipettes, allowing for 8 channels on one side and 4 on the other. It also works to conserve reagent when using an 8-channel pipette.

| Item No. | Description | Qty |
|------------|---|-----|
| PSP8051 | 50mL divided reservoir, bulk pack | 100 |
| PSP8051-1S | 50mL divided reservoir, sterile, individually wrapped | 100 |
| PSP8051-5S | 50mL divided reservoir, sterile, 5 per bag | 200 |



ASPIR-8™ 8-Channel Pipette Reservoirs

Designed specifically for 8-channel pipettes, ASPIR-8™ reservoirs are ideal for conserving reagent.

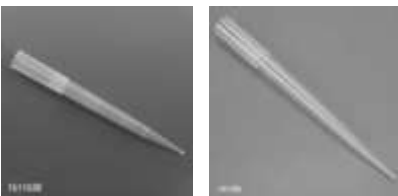
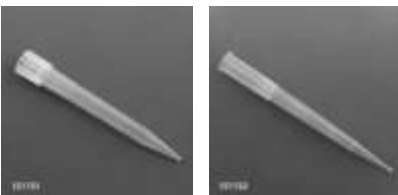
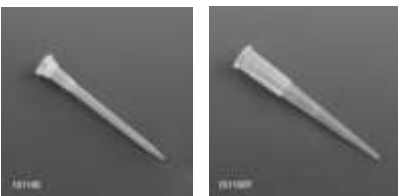
| Item No. | Description | Qty |
|------------|---|-----|
| PSP7005 | 5mL 8-channel reservoir, bulk pack | 300 |
| PSP7005-1S | 5mL 8-channel reservoir, sterile, individually wrapped | 100 |
| PSP7005-5S | 5mL 8-channel reservoir, sterile, 5 per bag | 200 |
| PSP8010 | 10mL 8-channel reservoir, bulk pack | 300 |
| PSP8010-1S | 10mL 8-channel reservoir, sterile, individually wrapped | 100 |
| PSP8010-5S | 10mL 8-channel reservoir, sterile, 5 per bag | 200 |
| PSP7025 | 25mL 8-channel reservoir, bulk pack | 300 |
| PSP7025-1S | 25mL 8-channel reservoir, sterile, individually wrapped | 100 |
| PSP7025-5S | 25mL 8-channel reservoir, sterile, 5 per bag | 200 |

General Purpose Certified Pipette Tips

Manufactured from medical grade virgin polypropylene, these certified pipette tips range in volume from 0.1 to 1300µL. Airtight fit on most brands of pipettors.

FEATURES:

- Certified free from RNase, DNase, human DNA, pyrogens, and PCR inhibitors
- No heavy metals
- USP Class IV and ISO 10993 certified
- Universal fit
- Self-standing bags, racks, or reloading stacks
- Sterile or non-sterile options



| Item No. | Description | Qty/Pkg |
|--------------|---|----------------------|
| 151154 | 0.1-10µL, 31mm long, non-sterile, bulk bag | Bag of 1000 |
| 151154R-96 | 0.1-10µL, 31mm long, non-sterile, racked | 960 (10 racks of 96) |
| 151154RF | 0.1-10µL, 31mm long, non-sterile, reloading stack | 960 (10 trays of 96) |
| 151154RS-96 | 0.1-10µL, 31mm long, sterile, racked | 960 (10 racks of 96) |
| 151156 | 0.1-10µL, 45mm long, non-sterile, bulk bag | Bag of 1000 |
| 151156R-96 | 0.1-10µL, 45mm long, non-sterile, racked | 960 (10 racks of 96) |
| 151156RF | 0.1-10µL, 45mm long, non-sterile, reloading stack | 960 (10 trays of 96) |
| 151156RS-96 | 0.1-10µL, 45mm long, sterile, racked | 960 (10 racks of 96) |
| 151145 | 0.1-20µL, 45mm long, non-sterile, bulk bag | Bag of 1000 |
| 151145R-96 | 0.1-20µL, 45mm long, non-sterile, racked | 960 (10 racks of 96) |
| 151145RF | 0.1-20µL, 45mm long, non-sterile, reloading stack | 960 (10 trays of 96) |
| 151145RS-96 | 0.1-20µL, 45mm long, sterile, racked | 960 (10 racks of 96) |
| 151150 | 1-200µL, 54mm long, non-sterile, bulk bag | Bag of 1000 |
| 151150R-96 | 1-200µL, 54mm long, non-sterile, racked | 960 (10 racks of 96) |
| 151150RF | 1-200µL, 54mm long, non-sterile, reloading stack | 960 (10 trays of 96) |
| 151150RS-96 | 1-200µL, 54mm long, sterile, racked | 960 (10 racks of 96) |
| 151150Y | 1-200µL, 54mm long, non-sterile, bulk bag, yellow | Bag of 1000 |
| 151150YR-96 | 1-200µL, 54mm long, non-sterile, racked, yellow | 960 (10 racks of 96) |
| 151150YRF | 1-200µL, 54mm long, non-sterile, reloading stack, yellow | 960 (10 trays of 96) |
| 151150YRS-96 | 1-200µL, 54mm long, sterile, racked, yellow | 960 (10 racks of 96) |
| 151151 | 1-300µL, 59mm long, non-sterile, bulk bag | Bag of 1000 |
| 151151R-96 | 1-300µL, 59mm long, non-sterile, racked | 960 (10 racks of 96) |
| 151151RF | 1-300µL, 59mm long, non-sterile, reloading stack | 960 (10 trays of 96) |
| 151151RS-96 | 1-300µL, 59mm long, sterile, racked | 960 (10 racks of 96) |
| 151153 | 100-1250µL, 84mm long, non-sterile, bulk bag | Bag of 1000 |
| 151153R-96 | 100-1250µL, 84mm long, non-sterile, racked | 576 (6 racks of 96) |
| 151153RF | 100-1250µL, 84mm long, non-sterile, reloading stack | 480 (5 trays of 96) |
| 151153RS-96 | 100-1250µL, 84mm long, sterile, racked | 576 (6 racks of 96) |
| 151153B | 100-1250µL, 84mm long, non-sterile, bulk bag, blue | Bag of 1000 |
| 151153BR-96 | 100-1250µL, 84mm long, non-sterile, racked, blue | 576 (6 racks of 96) |
| 151153BRF | 100-1250µL, 84mm long, non-sterile, reloading stack, blue | 480 (5 trays of 96) |
| 151153BRS-96 | 100-1250µL, 84mm long, sterile, racked, blue | 576 (6 racks of 96) |
| 151158 | 100-1300µL, 98mm long, non-sterile, bulk bag | Bag of 500 |
| 151158R-96 | 100-1300µL, 98mm long, non-sterile, racked | 576 (6 racks of 96) |
| 151158RF | 100-1300µL, 98mm long, non-sterile, reloading stack | 576 (6 trays of 96) |
| 151158RS-96 | 100-1300µL, 98mm long, sterile, racked | 576 (6 racks of 96) |

PIPETTE TIPS



Low Retention Graduated Certified Pipette Tips

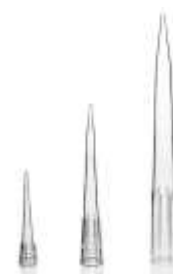
Ideal for minimum sample and reagent retention, these low retention pipette tips range in volume from 0.1 to 1300µL. Airtight fit on most brands of pipettors.

FEATURES:

- Super clear, ultra-low binding hydrophobic surface for minimal retention
- Certified free from RNase, DNase, human DNA, pyrogens, and PCR inhibitors
- No heavy metals
- USP Class IV and ISO 10993 certified
- Universal fit
- Self-standing bags, racks, or reloading stacks
- Sterile or non-sterile options



| Item No. | Description | Qty/Pkg |
|-----------|---|----------------------|
| 150030 | 0.1-10µL, 31mm long, non-sterile, bulk bag | Bag of 1000 |
| 150030RS | 0.1-10µL, 31mm long, sterile, racked | 960 (10 racks of 96) |
| 150030RFS | 0.1-10µL, 31mm long, sterile, reloading stack | 960 (10 trays of 96) |
| 150035 | 0.1-10µL, 45mm long, non-sterile, bulk bag | Bag of 1000 |
| 150035RS | 0.1-10µL, 45mm long, sterile, racked | 960 (10 racks of 96) |
| 150035RFS | 0.1-10µL, 45mm long, sterile, reloading stack | 960 (10 trays of 96) |
| 150040 | 0.1-20µL, 45mm long, non-sterile, bulk bag | Bag of 1000 |
| 150040RS | 0.1-20µL, 45mm long, sterile, racked | 960 (10 racks of 96) |
| 150040RFS | 0.1-20µL, 45mm long, sterile, reloading stack | 960 (10 trays of 96) |
| 150050 | 1-200µL, 54mm long, non-sterile, bulk bag | Bag of 1000 |
| 150050RS | 1-200µL, 54mm long, sterile, racked | 960 (10 racks of 96) |
| 150050RFS | 1-200µL, 54mm long, sterile, reloading stack | 960 (10 trays of 96) |
| 150051 | 1-300µL, 59mm long, non-sterile, bulk bag | Bag of 1000 |
| 150051RS | 1-300µL, 59mm long, sterile, racked | 960 (10 racks of 96) |
| 150051RFS | 1-300µL, 59mm long, sterile, reloading stack | 960 (10 trays of 96) |
| 150053 | 100-1250µL, 84mm long, non-sterile, bulk bag | Bag of 1000 |
| 150053RS | 100-1250µL, 84mm long, sterile, racked | 576 (6 racks of 96) |
| 150053RFS | 100-1250µL, 84mm long, sterile, reloading stack | 480 (5 trays of 96) |
| 150058 | 100-1300µL, 98mm long, non-sterile, bulk bag | Bag of 500 |
| 150058RS | 100-1300µL, 98mm long, sterile, racked | 576 (6 racks of 96) |
| 150058RFS | 100-1300µL, 98mm long, sterile, reloading stack | 576 (6 trays of 96) |



Empty Pipette Tip Racks

Fill these empties with pipette tip reloading stacks.

| Item No. | Description | Qty |
|----------|---|-----|
| 150010 | Empty rack for 10µL pipette tips and refill plates | 10 |
| 150012 | Empty rack for 200µL pipette tips and refill plates | 10 |
| 150013 | Empty rack for 300µL pipette tips and refill plates | 10 |
| 150014 | Empty rack for 1000-1250µL pipette tips and refill plates | 6 |
| 150016 | Empty rack for 1300µL pipette tips and refill plates | 10 |



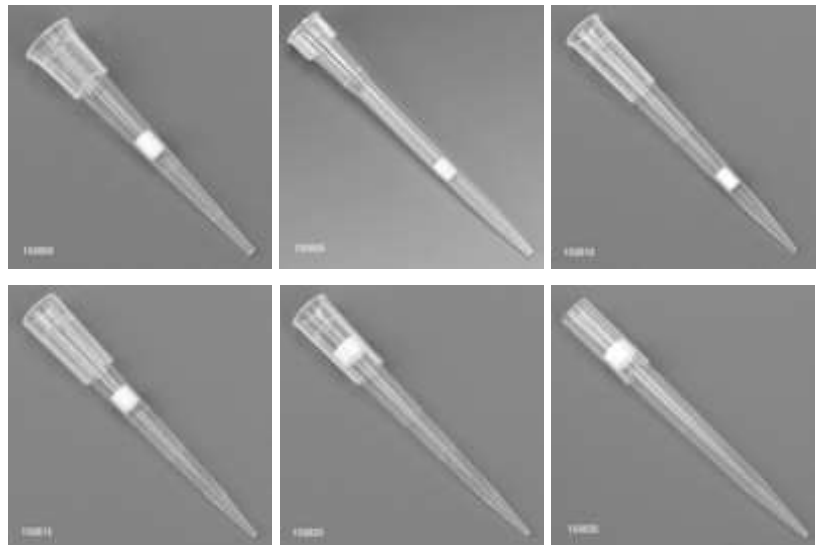
Low Retention Graduated Filter Certified Pipette Tips

With a specially designed filter to protect pipettors and samples from contamination, these filter pipette tips are the ideal choice for PCR and microbiology applications. They range from 0.1 to 1250µL.

FEATURES:

- Super clear and ultra-low binding hydrophobic surface for minimal retention
- High-quality filter protects pipettors and samples from contamination
- Certified free from RNase, DNase, human DNA, pyrogens, and PCR inhibitors
- No heavy metals
- USP Class IV and ISO 10993 certified
- Universal fit
- Sterile in racks

| Item No. | Description | Qty/Pkg |
|----------|--------------------------------------|----------------------|
| 150800 | 0.1-10µL, 31mm long, sterile, racked | 960 (10 racks of 96) |
| 150803 | 0.1-10µL, 45mm long, sterile, racked | 960 (10 racks of 96) |
| 150805 | 0.1-20µL, 45mm long, sterile, racked | 960 (10 racks of 96) |
| 150810 | 1-20µL, 54mm long, sterile, racked | 960 (10 racks of 96) |
| 150814 | 1-50µL, 54mm long, sterile, racked | 960 (10 racks of 96) |
| 150815 | 1-100µL, 54mm long, sterile, racked | 960 (10 racks of 96) |
| 150820 | 1-200µL, 54mm long, sterile, racked | 960 (10 racks of 96) |
| 150825 | 1-300µL, 59mm long, sterile, racked | 960 (10 racks of 96) |
| 150835 | 1-1000µL, 84mm long, sterile, racked | 576 (6 racks of 96) |
| 150838 | 1-1250µL, 98mm long, sterile, racked | 576 (6 racks of 96) |



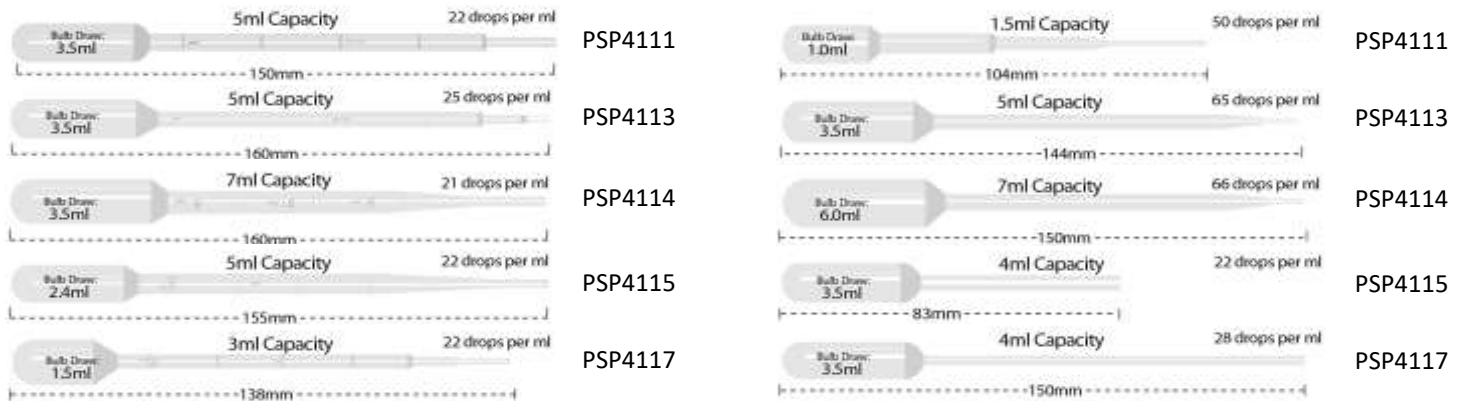
TRANSFER PIPETTES

Transfer Pipettes

Unbreakable one-piece pipettes eliminate contaminated rubber bulbs, broken glass, and exposure to infectious materials.

FEATURES:

- Transparent, non-toxic, and inert
- Precise, uniform drop size
- Low-affinity surface reduces loss
- Use with liquid nitrogen
- Heat sealable



| Item No. | Description | Qty/Pkg |
|------------|---|---------|
| PSP4111-00 | 5mL, large bulb, graduated, 22 drops per mL, non-sterile, bulk | 250 |
| PSP4111-11 | 5mL, large bulb, graduated, 22 drops per mL, sterile, individually wrapped | 500 |
| PSP4111-14 | 5mL, large bulb, graduated, 22 drops per mL, sterile, 20/pk | 500 |
| PSP4113-00 | 5mL, large bulb, graduated to 1mL, 25 drops per mL, non-sterile, bulk | 250 |
| PSP4113-11 | 5mL, large bulb, graduated to 1mL, 25 drops per mL, sterile, individually wrapped | 500 |
| PSP4114-00 | 7mL, large bulb, graduated to 3mL, 21 drops per mL, non-sterile, bulk | 250 |
| PSP4114-11 | 7mL, large bulb, graduated to 3mL, 21 drops per mL, sterile, individually wrapped | 500 |
| PSP4114-14 | 7mL, large bulb, graduated to 3mL, 21 drops per mL, sterile, 20/pk | 500 |
| PSP4115-00 | 5mL, blood bank, graduated to 2mL, 22 drops per mL, non-sterile, bulk | 250 |
| PSP4115-11 | 5mL, blood bank, graduated to 2mL, 22 drops per mL, sterile, individually wrapped | 500 |
| PSP4117-00 | 3mL, short bulb, graduated to 1mL, 22 drops per mL, non-sterile, bulk | 250 |
| PSP4117-11 | 3mL, short bulb, graduated to 1mL, 22 drops per mL, sterile, individually wrapped | 500 |
| PSP4121-00 | 1.5mL, small bulb, extended tip, 50 drops per mL, non-sterile, bulk | 500 |
| PSP4121-11 | 1.5mL, small bulb, extended tip, 50 drops per mL, sterile, individually wrapped | 500 |
| PSP4122-00 | 5mL, standard bulb, extended tip, 65 drops per mL, non-sterile, bulk | 500 |
| PSP4122-11 | 5mL, standard bulb, extended tip, 65 drops per mL, sterile, individually wrapped | 500 |
| PSP4123-00 | 7mL, large bulb, extended tip, 66 drops per mL, non-sterile, bulk | 400 |
| PSP4123-11 | 7mL, large bulb, extended tip, 66 drops per mL, sterile, individually wrapped | 500 |
| PSP4123-14 | 7mL, large bulb, extended tip, 66 drops per mL, sterile, 20/pk | 500 |
| PSP4132-00 | 4mL, short stem, 22 drops per mL, non-sterile, bulk | 250 |
| PSP4132-11 | 4mL, short stem, 22 drops per mL, sterile, individually wrapped | 500 |
| PSP4132-14 | 4mL, short stem, 22 drops per mL, sterile, 20/pk | 500 |
| PSP4133-00 | 4mL, long stem, 28 drops per mL, non-sterile, bulk | 250 |
| PSP4133-11 | 4mL, long stem, 28 drops per mL, sterile, individually wrapped | 500 |
| PSP4133-14 | 4mL, long stem, 28 drops per mL, sterile, 20/pk | 500 |

ProPette™ LE Pipettors

Accurate, reliable, ergonomic, and comfortable to use, ProPette™ LE Pipettors are the next generation of high precision liquid handling instruments. Perfect for prolonged and repetitive pipetting.

FEATURES:

- Light weight and well balanced with reduced forces
- Superior accuracy and reproducibility
- Adjustable with Roto-Lock™ volume lock
- Single, 8, and 12-channel pipettes
- Volume range 0.1µL-10mL
- Includes calibration tool
- Fully autoclavable



Roto-Lock™ Mechanism



Calibration Tool

| Item No. | Description |
|--------------|--|
| PSP5200-2U | 0.2-2µL, ProPette™ LE single channel pipettor |
| PSP5200-10U | 1-10µL, ProPette™ LE single channel pipettor |
| PSP5200-20U | 2-20µL, ProPette™ LE single channel pipettor |
| PSP5200-50U | 5-50µL, ProPette™ LE single channel pipettor |
| PSP5200-100U | 10-100µL, ProPette™ LE single channel pipettor |
| PSP5200-200U | 20-200µL, ProPette™ LE single channel pipettor |
| PSP5200-300U | 30-300µL, ProPette™ LE single channel pipettor |
| PSP5200-1M | 100-1000µL, ProPette™ LE single channel pipettor |
| PSP5200-5M | 1-5mL, ProPette™ LE single channel pipettor |
| PSP5200-10M | 1-10mL, ProPette™ LE single channel pipettor |
| PSP5208-10 | 1-10µL, ProPette™ LE 8-channel pipettor |
| PSP5208-20 | 2-20µL, ProPette™ LE 8-channel pipettor |
| PSP5208-50 | 5-50µL, ProPette™ LE 8-channel pipettor |
| PSP5208-200U | 20-200µL, ProPette™ LE 8-channel pipettor |
| PSP5208-300U | 30-300µL, ProPette™ LE 8-channel pipettor |
| PSP5212-10 | 1-10µL, ProPette™ LE 12-channel pipettor |
| PSP5212-20 | 2-20µL, ProPette™ LE 12-channel pipettor |
| PSP5212-50 | 5-50µL, ProPette™ LE 12-channel pipettor |
| PSP5212-200U | 20-200µL, ProPette™ LE 12-channel pipettor |
| PSP5212-300U | 30-300µL, ProPette™ LE 12-channel pipettor |

PIPETTE RACKS

SureStand™ Multi-Channel Capable Pipette Rack

Versatile with the unique ability to hold multi-channel pipettes. Patented window opening allows the multi-channel head to fit through the lower section of the rack, while the body of the pipette is held stable at two points: under the finger hook and at the bottom of the handle.

FEATURES:

- Holds standard or multi-channel pipettes
- Non-skid rubber feet for stability
- Sturdy, 5mm thick acrylic
- Universal—fits all popular pipette brands

Four versions:

- 3-place rack holds 1 multi-channel pipette
- 5-place rack holds 2 multi-channel pipettes
- 6-place rack holds 4 multi-channel pipettes
- 8-place rack holds 6 multi-channel pipettes



| Item No. | Description |
|----------|---|
| PSP4403 | SureStand™ rack for up to 3 pipettes including 1 multi-channel |
| PSP4405 | SureStand™ rack for up to 5 pipettes including 2 multi-channel |
| PSP4406 | SureStand™ rack for up to 6 pipettes including 4 multi-channel |
| PSP4408 | SureStand™ XL rack for up to 8 pipettes including 6 multi-channel |

nUVaClean™ UV Pipette Carousel

Protect and hold up to six pipettes while destroying up to 99% of contamination.

FEATURES:

- UV-C light destroys 99% of stray DNA
- Prevents cross-contamination in PCR procedures
- 28-minute automatic decontamination cycle
- Holds 6 standard pipettes - any brand
- Exposes all 360° of pipette shafts



| Item No. | Description |
|----------|---|
| PSP5590 | nUVaClean™ UV-C pipette carousel with 254nm UV lamp |

ProPette™ and ProPette REACH™ Electronic Pipette Controller

Lightweight and ergonomically designed, these fit in either the right or left hand. The ProPette REACH™ features an extended neck, allowing the user's elbow to rest on the surface... perfect for hood use.

FEATURES:

- Lightweight with computer-balanced weight distribution
- Ergonomic body design for a natural feel
- ProPette REACH™ extended neck eliminates fatigue
- Low pressure control buttons
- Fits right or left hand
- Retractable QuickStand™ reduces risk of contamination
- Variable speed control
- Cordless and rechargeable
- 8 hours of continuous operation
- Fits 1mL to 100mL pipettes



ProPette REACH™

| Item No. | Description | Qty |
|------------|---|-----|
| PSP6080 | ProPette™ electronic pipette controller | 1 |
| PSP6950 | ProPette REACH™ long-neck electronic pipette controller | 1 |
| PSP6080-FI | Replacement filters, 0.45µm | 5 |
| PSP6080-PF | LiquiLock™ premium pipette filter | 5 |
| PSP6080-NA | Silicone nosepiece adapter | 1 |
| PSP6080-BA | Replacement battery, 3.7V lithium | 1 |
| PSP6080-RC | Replacement charger | 1 |

ProPette™ Manual Pipette Controller

Precise and easy to use, this manual controller is always ready. Operate with a squeeze of the rubber bulb and aspirate with a touch of a lever. Filling speed is controlled based on firmness of the lever pressing.

FEATURES:

- Autoclavable lower body
- Single lever control
- Fits up to 100mL pipettes

| Item No. | Description |
|----------|-------------------------------------|
| PSP6420 | ProPette™ manual pipette controller |

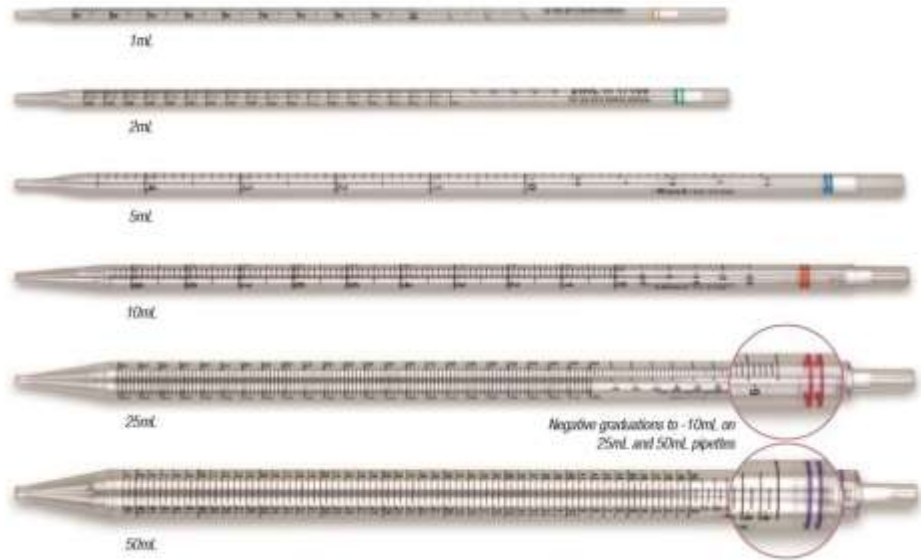


SEROLOGICAL PIPETTES



Plastic Serological Pipettes

Certified accurate calibrations on crystal clear polystyrene. Color coded for easy identification in sizes from 1mL to 50mL.



FEATURES:

- Calibrations are certified for accuracy
- Aerosol barrier filter plug prevents pipettor contamination
- Negative graduations
- Fit all major brands of pipette controllers
- Color coded for easy identification
- Anti-drip tips
- Calibrated to deliver (TD)
- ±2% accuracy at full volume
- Non-pyrogenic, non-cytotoxic, RNase- and DNase-free
- Sterilized by gamma irradiation
- Individually wrapped pipettes come in a convenient dispenser box



| Item No. | Description | Qty/Pkg |
|----------|--|---------|
| 1700 | 1mL serological pipette, standard tip, sterile, individually wrapped | 500 |
| 1710 | 1mL serological pipette, standard tip, sterile, 25 per pack, 40 packs/box | 1000 |
| 1705 | 1mL serological pipette, standard tip, non-sterile, 25 per pack, 40 packs/box | 1000 |
| 1720 | 2mL serological pipette, standard tip, sterile, individually wrapped | 500 |
| 1730 | 2mL serological pipette, standard tip, sterile, 25 per pack, 40 packs/box | 1000 |
| 1735 | 2mL serological pipette, standard tip, non-sterile, 25 per pack, 40 packs/box | 1000 |
| 1740 | 5mL serological pipette, standard tip, sterile, individually wrapped | 250 |
| 1750 | 5mL serological pipette, standard tip, sterile, 25 per pack, 15 packs/box | 375 |
| 1755 | 5mL serological pipette, standard tip, non-sterile, 25 per pack, 15 packs/box | 375 |
| 1760 | 10mL serological pipette, standard tip, sterile, individually wrapped | 200 |
| 1770 | 10mL serological pipette, standard tip, sterile, 25 per pack, 10 packs/box | 250 |
| 1775 | 10mL serological pipette, standard tip, non-sterile, 25 per pack, 10 packs/box | 250 |
| 1780 | 25mL serological pipette, standard tip, sterile, individually wrapped | 100 |
| 1782 | 25mL serological pipette, standard tip, sterile, 25 per pack, 4 packs/box | 100 |
| 1784 | 25mL serological pipette, standard tip, non-sterile, 25 per pack, 4 packs/box | 100 |
| 1820 | 50mL serological pipette, standard tip, sterile, individually wrapped | 100 |
| 1822 | 50mL serological pipette, standard tip, sterile, 25 per pack, 4 packs/box | 100 |

SEROLOGICAL PIPETTES



Shorty Serological Pipettes

Same features as standard pipettes above but shorter for improved ergonomics and more freedom of movement when used in confined spaces.

| Item No. | Description | Qty/Pkg |
|----------|--|---------|
| 1880 | 5mL shorty pipette, sterile, individually wrapped | 250 |
| 1884 | 10mL shorty pipette, sterile, individually wrapped | 200 |
| 1888 | 25mL shorty pipette, sterile, individually wrapped | 100 |

Open End Pipettes

Specially designed with an open end for use with high-viscosity liquids, these polystyrene pipettes are typically used with oils, food, and cell culture applications. Color coded for easy identification in sizes from 1mL to 10mL.

FEATURES:

- Fiber filter plug prevents pipettor contamination
- Negative graduations
- Color coded for easy identification
- Sterilized by gamma irradiation
- Sterility assurance level (SAL) 10^{-6}
- Calibrated to deliver (TD) at $\pm 2\%$ accuracy
- Non-pyrogenic
- Individually wrapped



| Item No. | Description | Qty/Pkg |
|----------|--|---------|
| 1860 | 1mL open end pipette, sterile, individually wrapped | 1000 |
| 1864 | 2mL open end pipette, sterile, individually wrapped | 800 |
| 1868 | 5mL open end pipette, sterile, individually wrapped | 300 |
| 1872 | 10mL open end pipette, sterile, individually wrapped | 200 |

Aspirating Pipettes

Completely transparent polystyrene pipettes designed for the transfer and mixing of liquids. Also used for applications such as vacuum or pipettor aspirating procedures. In sizes from 1mL to 50mL.



FEATURES:

- Non-plugged
- Sterilized by gamma irradiation
- Sterility assurance level (SAL) 10^{-6}
- Non-pyrogenic
- Individually wrapped
- No printing

| Item No. | Description | Qty/Pkg |
|----------|--|---------|
| 1830 | 1mL aspirating pipette, sterile, individually wrapped | 1000 |
| 1834 | 2mL aspirating pipette, sterile, individually wrapped | 800 |
| 1838 | 5mL aspirating pipette, sterile, individually wrapped | 300 |
| 1842 | 10mL aspirating pipette, sterile, individually wrapped | 200 |
| 1846 | 25mL aspirating pipette, sterile, individually wrapped | 200 |
| 1850 | 50mL aspirating pipette, sterile, individually wrapped | 100 |

COOLERS & ICE BUCKETS



Mini Coolers

Keep reagents, enzymes, and other temperature-sensitive items cool on the bench for up to an hour without ice.

FEATURES:

- Insulating gel ensures consistent temperature
- Durable polycarbonate
- Printed grid/key on lid for sample identification
- Non-skid feet
- 0°C (red) or -20°C (yellow)

| Item No. | Description |
|----------|---|
| 454001 | 0°C, 12-place (3x4), 1.5mL tubes |
| 454003 | 0°C, 32-place (4x8), 1.5mL tubes |
| 454003GC | 0°C, 32-place (4x8), 1.5mL tubes, gel cover |
| 454005 | 0°C, 12-place (3x4), 16mm and 15mL tubes |
| 454007 | 0°C, 12-place (3x4), 13mm tubes |
| 454021 | -20°C, 12-place (3x4), 1.5mL tubes |
| 454023 | -20°C, 32-place (4x8), 1.5mL tubes |
| 454023GC | -20°C, 32-place (4x8), 1.5mL tubes, gel cover |
| 454025 | -20°C, 20-place (4x5), 1.5mL tubes |
| 454027 | -20°C, 96-place (8x12), 0.2mL PCR tubes |



Cryogenic Cooler

Controlled cooling for cryogenic preservation and recovery of cells. Fill with 100% isopropyl alcohol and place in freezer to achieve 1°C per minute cooling.

FEATURES:

- Cools samples 1°C per minute
- Holds up to 18 - 1.0 or 2.0mL cryovials
- Polycarbonate



Rapid Chiller

Rapidly cool samples in this no-mess alternative to dry ice.

FEATURES:

- Chill or freeze samples in minutes
- 3x4 grid holds up to 12 - 1.5mL and 0.5mL tubes
- Polycarbonate
- Printed grid/key on lid for sample identification
- Non-skid feet
- Works for up to 45 minutes on benchtop



| Item No. | Description |
|----------|--------------------------------------|
| 454030 | Rapid chiller, 12-place, 1.5mL tubes |

| Item No. | Description |
|----------|---|
| 454000 | Cryogenic cooler, 18-place, 1-2mL cryovials |

CoolCaddy™ 5-Hour PCR Workstation

Designed to hold tubes, plates, strips, and a 50mL solution reservoir, CoolCaddy™ protects enzymes, reagents, and temperature-sensitive samples while on the lab bench. Simply chill in any standard freezer overnight and it will maintain temperatures between 2 and 4°C for up to 5 hours.



FEATURES:

- Maintains temperature at 2 to 4°C for up to 5 hours
- Does not freeze samples, reagents, or enzymes
- Protects from temperature fluctuations
- Holds vials, tubes, plates, strips, and 50mL solution reservoir

Capacity:

| | |
|----------------------|-----------------------|
| 1.5/2.0mL Microtubes | 9 Tubes |
| 2.0mL Cryotubes | 8 Tubes |
| 0.5mL Microtubes | 5 Tubes |
| PCR Plates | 1 Plate |
| PCR Tubes | 96 Tubes or 12 Strips |
| Reservoirs | 50mL Reservoir |

| Item No. | Description |
|----------|----------------------------|
| PSR4015 | CoolCaddy™ PCR Workstation |

CoolCube™ Microtube and PCR Plate Cooler

Designed to hold samples at a safe temperature on the lab bench, the CoolCube™ protects from degradation due to temperature increases or fluctuations. The two-sided chiller holds 36 microtubes on one side or flip to hold 10 microtubes and a 96-well plate or 0.2mL tubes/strips. Place in the freezer overnight and it maintains temperature at approximately 0°C for up to 4 hours.

FEATURES:

- Maintains 0°C for up to 4 hours
- Does not freeze samples
- Protects from temperature fluctuations
- Also for use as a PCR workstation
- Holds vials, tubes, strips, and plates

Side 1 Capacity:

1.5/2.0mL Microtubes 36 Tubes

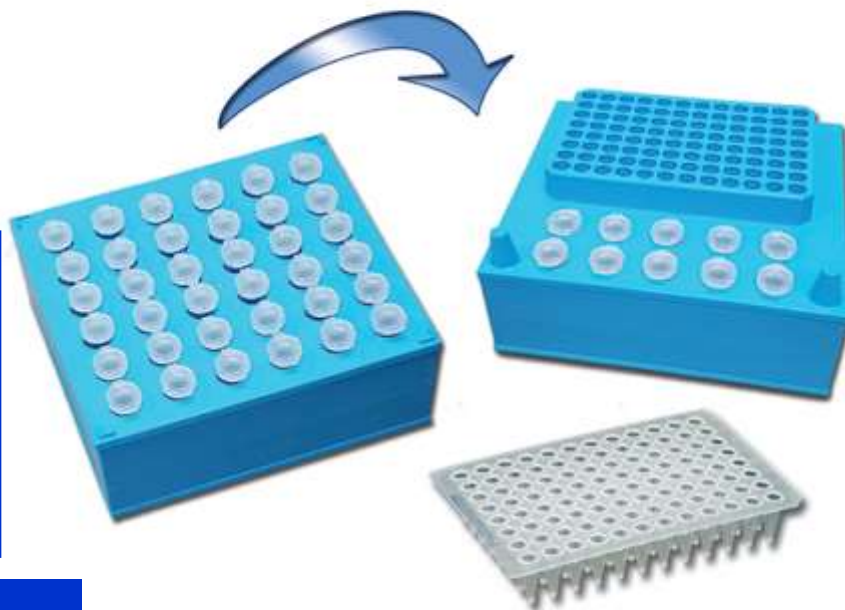
Side 2 Capacity:

1.5/2.0mL Microtubes 10 Tubes

0.2mL PCR Plates 96-Well Plate

or

0.2mL PCR Tubes/Strips 96 Tubes or 12 Strips



| Item No. | Description |
|----------|--|
| R1000 | CoolCube™ Microtube and PCR plate cooler |

COOLERS & ICE BUCKETS

COOLERS & ICE BUCKETS



BioBucket™ Collapsible Lab Bucket

Use as an ice bucket or a portable liquid container. Collapses to save storage space.

FEATURES:

- Collapsible to save storage space
- Use with ice or liquid
- Inner-lid access port for enhanced temperature retention
- Attached handle for easy transportation
- Molded grip on base for pouring

| Item No. | Description |
|----------|-----------------------------------|
| PSB8300 | BioBucket™ collapsible bucket, 5L |

Multi-Use Ice Buckets

Polyurethane foam ice trays and buckets for use with liquid nitrogen, dry ice, wet ice, and salt solutions. Molded handles provide a secure grip for carrying. Available in multiple volume and color options, with or without lids.

| Item No. | Description |
|----------|---------------------------------|
| 455020K | Ice tray without lid, 1L, black |
| 455020B | Ice tray without lid, 1L, blue |
| 455020G | Ice tray without lid, 1L, green |
| 455020R | Ice tray without lid, 1L, red |
| 455022K | Ice tray without lid, 4L, black |
| 455022B | Ice tray without lid, 4L, blue |
| 455022G | Ice tray without lid, 4L, green |
| 455022R | Ice tray without lid, 4L, red |
| 455024K | Ice tray without lid, 9L, black |
| 455024B | Ice tray without lid, 9L, blue |
| 455024G | Ice tray without lid, 9L, green |
| 455024R | Ice tray without lid, 9L, red |



| Item No. | Description |
|----------|--------------------------------------|
| 455021K | Ice tray with lid, 1L, black |
| 455021B | Ice tray with lid, 1L, blue |
| 455021G | Ice tray with lid, 1L, green |
| 455021R | Ice tray with lid, 1L, red |
| 455010K | Ice tray with lid, 2.5L, black |
| 455010B | Ice tray with lid, 2.5L, blue |
| 455010G | Ice tray with lid, 2.5L, green |
| 455010R | Ice tray with lid, 2.5L, red |
| 455023K | Ice tray with lid, 4L, black |
| 455023B | Ice tray with lid, 4L, blue |
| 455023G | Ice tray with lid, 4L, green |
| 455023R | Ice tray with lid, 4L, red |
| 455015K | Ice tray with lid, 4.5L, black |
| 455015B | Ice tray with lid, 4.5L, blue |
| 455015G | Ice tray with lid, 4.5L, green |
| 455015R | Ice tray with lid, 4.5L, red |
| 455025K | Ice tray with lid, 9L, black |
| 455025B | Ice tray with lid, 9L, blue |
| 455025G | Ice tray with lid, 9L, green |
| 455025R | Ice tray with lid, 9L, red |
| 601000* | Round ice bucket with lid, 4.5L, red |

*For dry ice, crushed ice, and cooling mixtures. Limited resistance to LN2.

High-Speed Microcentrifuge

Compact, powerful, and versatile with eleven available rotor options, the Z216-M microcentrifuge features an advanced microprocessor with easy-to-use controls.

FEATURES:

- Maximum speed: 15,000rpm / 2,1631xg
- Choose from 11 rotor options
- Select rotors feature 1/4-turn locking Quick-Seal™ lid
- Continuous mode or up to 99-hr 59-min timer
- Advanced microprocessor with LCD display
- Programmable storage of up to 99 runs
- Adjustable accel/decel rates
- Quiet operation (<60 dBA at 21,379xg)



Refrigerated High-Speed Microcentrifuge

All of the features of the Z216-M plus refrigeration. The Z216-MK can maintain temperatures as low as -20°C, dropping from room temperature to 4°C in less than 10 minutes.

ADDITIONAL FEATURES:

- Powerful CFC-free refrigeration
- Temperature range -20°C to 40°C



Z216-2420S



Z216-1205



Z216-24SC



Z216-1220H



Z216-4420



Z216-6405



Z216-3202

| Item No. | Description |
|------------|--|
| Z216-M | High-speed microcentrifuge without rotor |
| Z216-MK | High-speed refrigerated microcentrifuge without rotor |
| Z216-2420S | COMBI-rotor with Quick-Seal™ lid, 24-place for 1.5/2.0mL tubes and 4 PCR strips |
| Z216-2420 | Rotor with Quick-Seal™ lid, 24-place for 1.5/2.0mL tubes |
| Z216-2420H | Rotor with hermetically sealed lid, 24-place for 1.5/2.0mL tubes |
| Z216-3020H | Rotor with hermetically sealed lid, 30-place for 1.5/2.0mL tubes (13,500rpm) |
| Z216-4420 | Rotor with Quick-Seal™ lid, 44-place for 1.5/2.0mL tubes |
| Z216-24SC | Rotor with Quick-Seal™ lid, 24-place for 1.8mL spin column kits |
| Z216-6405 | Rotor, 64-place for 0.5mL tubes (13,500rpm) |
| Z216-3202 | Rotor, 4 PCR strips (32 x 0.2mL tubes) |
| Z216-1205 | Rotor, 12-place for 5mL centrifuge tubes (14,500rpm) |
| Z216-24HEM | Rotor, hematocrit, 24-place for capillary tubes (12,500rpm) |
| Z216-1220H | Rotor, swing-out, 12-place for 1.5/2.0mL tubes, 1mL HLA tube compatible (9,000rpm) |

CENTRIFUGES

High-Speed Microcentrifuge

The multi-flow air-cooled microcentrifuge with biosafety aerosol containment lid.

FEATURES:

- Maximum speed: 15,000rpm / 21,380xg
- Temperature monitoring for temp-sensitive samples
- Patented multi-flow air cooling for fast, efficient cooling and energy savings
- Includes aluminum alloy rotor for 1.5mL and 2.0mL tubes
- Optional rotors and adapters available
- Continuous mode or 30 second to 99-minute timer
- LCD display
- Quick spin/pulse operation
- Audible alert
- Dual door safety interlock
- Excessive speed detection
- Automatic internal diagnostics
- Quiet operation



GCM-24-2ML (Incl)



GCM-24-5ML



GCM-24-05ML



GCM-24-5MLR



GCM-24-PCR



GCM-24-AD5

GCM-24-AD2

| Item No. | Description | Qty/Pkg |
|-------------|---|---------|
| GCM-24 | Microcentrifuge, 24-place rotor (1.5 - 2.0mL tubes) | 1 |
| GCM-24-5MLR | Rotor, 18-place for 5mL culture tubes | 1 |
| GCM-24-5ML | Rotor, 12-place for 5mL Eppendorf tubes | 1 |
| GCM-24-05ML | Rotor, 36-place for 0.5mL microcentrifuge tubes | 1 |
| GCM-24-PCR | Rotor, 4-place for 8-position 0.2mL PCR strips | 1 |
| GCM-24-AD2 | Rotor adapters for 0.2mL tubes* | 24 |
| GCM-24-AD5 | Rotor adapters for 0.5mL tubes* | 24 |
| GCM-24-AD52 | Rotor adapters for 0.2mL tubes - use with 36-place rotor* | 36 |

*Optional rotors are aluminum alloy and come with lid, fixing clips, and O-ring

Low-Speed Benchtop Centrifuge

This 2-in-1 low-speed centrifuge with a six-position rotor can accommodate both 15mL and 50mL centrifuge tubes.

FEATURES:

- Maximum speed: 4,000rpm
- Holds six 15mL or 50mL tubes
- Large, one-touch button control panel
- LCD display
- 1 to 60-minute timer



| Item No. | Description |
|----------|-------------------------------|
| XC-2500 | Low-speed benchtop centrifuge |

MC-12™ High-Speed Microcentrifuge

Compact and powerful, the MC-12 benchtop microcentrifuge with a 12-position rotor reaches up to 15,000rpm.

FEATURES:

- Maximum speed: 15,000rpm / 16,100xg
- Holds twelve 1.5-2.0mL microtubes
- Optional adapters hold 0.5 and 0.2mL tubes
- Continuous mode or 20-second to 99-minute timer
- Whisper quiet operation
- Cold room safe

| Item No. | Description |
|------------|-----------------------------------|
| C1612 | MC-12™ high-speed microcentrifuge |
| C1008-A5-6 | 0.5mL adapter pack (6/pack) |
| C1008-A2-6 | 0.2mL adapter pack (6/pack) |



CENTRIFUGES

C1008-A5-6
0.5mL adapter



C1008-A2-6
0.5mL adapter

MC-24™ Touch High-Speed Microcentrifuge

With touchscreen control, speed up to 13,500rpm, and a unique COMBI-Rotor™, the compact MC-24™ centrifuge can hold 24 microtubes and 2 PCR strips.

FEATURES:

- Maximum speed: 13,500rpm / 16,800xg
- COMBI-rotor holds 24 1.5-2.0mL microtubes and 2 PCR strips
- Optional 8-place rotor for 5mL tubes and adapters to hold 0.5 and 0.2mL tubes
- Continuous mode or 20-second to 99-minute timer
- One-button program recall
- Quiet operation
- Air flow system keeps samples cool
- Cold room safe

| Item No. | Description |
|---------------|---|
| C2417 | MC-24™ high-speed microcentrifuge |
| C2417-R5 | Rotor, 8-place for 5mL tubes |
| C2417-R5-ADP2 | 2mL cryovial adapters for C2417-R5 rotor (8/pack) |



C2417-R5-ADP2

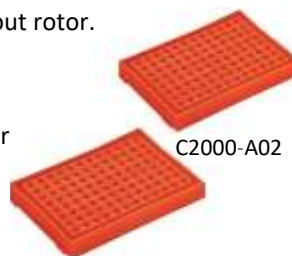
C2417-R5

PlateFuge™ Microcentrifuge

Spin down microplates in this small (9"x10") centrifuge with swing-out rotor.

FEATURES:

- Fixed speed: 2,550rpm / 600xg
- Holds 2 PCR plates (or 4 stacked skirted PCR plates), 2 microtiter plates, 24 0.2mL PCR strips
- Spins down most samples in less than 20 seconds
- Unique design prevents sample spillage



C2000-A02

| Item No. | Description |
|------------|---|
| C2000 | PlateFuge™ microcentrifuge with rotor and plate carriers |
| C2000-A02 | Tube adapter, holds 96 - 0.2mL tubes or 8 and 12-position PCR strips (2/pk) |
| C2000-DWMP | Rotor with carriers for deep well plates (1,500rpm) |



CENTRIFUGES

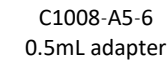
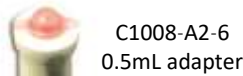
MyFuge™ 5 Mini Centrifuge

Benchtop microcentrifuge with a four-position rotor compatible with most 5mL tubes and four slots for 1.5 - 2.0mL microtubes. Adapters (included) allow for 5mL blood and culture tubes and cryovials. Optional adapters fit 0.5 and 0.2mL tubes.

FEATURES:

- Fixed speed: 5,500rpm / 2,000xg
- Holds four 5mL tubes (including conical) and four 1.5 - 2.0mL microtubes
- Includes adapters for 12x75mm tubes and cryovials
- Optional adapters hold 0.5 and 0.2mL tubes

| Item No. | Description |
|------------|---|
| C1005 | MyFuge™ 5 Mini centrifuge with adapters for blood tubes and cryovials |
| C1008-A5-6 | 0.5mL adapter pack (6/pack) |
| C1008-A2-6 | 0.2mL adapter pack (6/pack) |



MyFuge™ 12 Mini Centrifuge

No need to change rotors; the MyFuge™ 12 benchtop mini centrifuge holds 12 microtubes and 4 PCR strips.

FEATURES:

- Fixed speed: 5,500rpm / 2,000xg
- COMBI-rotor holds 12 microtubes and 4 PCR strips
- Optional adapters hold 0.5 and 0.2mL tubes
- Near silent operation

| Item No. | Description |
|------------|---|
| C1012 | MyFuge™ 12 Mini centrifuge with COMBI-rotor |
| C1008-A5-6 | 0.5mL adapter pack (6/pack) |
| C1008-A2-6 | 0.2mL adapter pack (6/pack) |



Unique COMBI-Rotor

MyFuge™ Mini Centrifuge

Palm-sized microcentrifuge comes with an 8-position microtube rotor and a 4-position PCR strip rotor.

FEATURES:

- Fixed speed: 6,000rpm / 2,000xg
- Holds 8 microtubes or 4 PCR strips
- Optional adapters (shown above) hold 0.5 and 0.2mL tubes
- Storage compartment for PCR rotor and 0.5mL adapters
- Near silent operation

| Item No. | Description |
|----------|---|
| C1008-B | MyFuge™ Mini centrifuge with 2 rotors, blue lid |
| C1008-C | MyFuge™ Mini centrifuge with 2 rotors, clear lid |
| C1008-G | MyFuge™ Mini centrifuge with 2 rotors, green lid |
| C1008-P | MyFuge™ Mini centrifuge with 2 rotors, purple lid |
| C1008-R | MyFuge™ Mini centrifuge with 2 rotors, red lid |



AUTOCLAVE BAGS

Autoclave Bags

Puncture and leak-resistant, high-temperature (up to 136°C) autoclavable bags. Available in red or clear. Benchtop stand for small bags is available separately or in kit.

FEATURES:

- Printed with "Hazardous Waste" and biohazard symbol
- OSHA compliant
- Heavy-gauge (2.25 mil) polypropylene
- Large white marking area
- Strong seamless bottom
- 3 sizes



| Item No. | Description | Qty/Pkg |
|------------|---|---------------|
| PSA9000C | Clear biohazard bag, 12.2 x 26 in. (3 gallon) | 4 packs of 50 |
| PSA9000R | Red biohazard bag, 12.2 x 26 in. (3 gallon) | 4 packs of 50 |
| PSA9002C | Clear biohazard bag, 24 x 32 in. (12 gallon) | 4 packs of 50 |
| PSA9002R | Red biohazard bag, 24 x 32 in. (12 gallon) | 4 packs of 50 |
| PSA9004R | Red biohazard bag, 8.5 x 11 in. (0.43 gallon) | 2 packs of 50 |
| PSA9004-WR | Wire rack stand for 8.5 x 11-in. bags | 1 |
| PSA9004-SK | Kit - 1 stand and 400 red 8.5 x 11 bags | 1 |



BowTie™ Biohazard Bags

Exclusive drawstring loops for an instant cinch closure and easy removal from stands.

FEATURES:

- Red with "Hazardous Waste" and biohazard symbol
- Color-changing sterile indicator area
- Heavy-gauge (2.25 mil) HDPE
- Large white marking area
- Drawstring loops allow for venting during sterilization and provide a handle for removal



| Item No. | Description | Qty/Pkg |
|----------|---|---------|
| PSA8001R | Red BowTie™ biohazard bag, 25 x 35 in. (12-16 gallon) | 100 |

CLEANING & PPE

Surface Sanitizer

Solucide hospital strength hard surface cleaner, disinfectant, and deodorizer kills most viruses and bacteria.



FEATURES:

- EPA registered
- Lemon-fresh scent
- NO alcohol, glutaraldehyde, ortho-phenyl phenol, or phenolic compounds

| Item No. | Description | Qty/Pkg |
|-----------|------------------------------|---------|
| 076B-16oz | Solucide spray bottles, 16oz | 12 |
| 076B-gal | Solucide refill, 1 gallon | 4 |

Hand Sanitizer

Medi-Fect spray or gel hand sanitizer. Gel is 70% alcohol v/v. Spray is based on World Health Organization formulation.

| Item No. | Description | Qty/Pkg |
|------------|---------------------------------------|---------|
| 1900A-8oz | Spray hand sanitizer, 8oz | 24 |
| 1900A-16oz | Spray hand sanitizer, 16oz | 12 |
| 1900A-1gal | Spray hand sanitizer refill, 1 gallon | 4 |
| 177E-4oz | Gel hand sanitizer, 4oz | 24 |
| 177E-16oz | Gel hand sanitizer, 16oz | 12 |
| 177E-1gal | Gel hand sanitizer refill, 1 gallon | 4 |

Isopropyl Alcohol - 99%

Purified for laboratory use. Case of four 1-gallon bottles.

| Item No. | Description | Qty/Pkg |
|----------|---------------------------------------|---------|
| 7725-GAL | Purified isopropyl alcohol, 99%, 1gal | 4 |



Lab Wipes & Towels

Low-lint, single-ply Adept wipes, push-up dispensing box, soft and absorbent PathSORBS, and Advantage surgical sponges.



| Item No. | Description | Qty/Pkg |
|-------------|---|---------|
| 152015-BOX | Adept non-abrasive, low-lint lab wipes, 8.3 x 4.5-in, 1-ply, 280/box | 1 |
| 152015-CASE | Adept non-abrasive, low-lint lab wipes, 8.3 x 4.5-in, 1-ply, 280/box | 60 |
| 50-2001 | Push-up dispensing box for lab wipes | 1 |
| 90-3200 | PathSORBS strong & absorbent, lint-free lab towels, 12.5 x 13-in, 60/pack | 12 |
| 3264 | Advantage surgical sponge-100% woven cotton gauze, non-sterile, 4 x 4-in, 8-ply, 200/sleeve | 20 |

| Item No. | Description | Qty/Pkg |
|----------|---------------------------------------|---------|
| 2521 | Black nitrile gloves, 100/box - S | 10 |
| 2522 | Black nitrile gloves, 100/box - M | 10 |
| 2523 | Black nitrile gloves, 100/box - L | 10 |
| 2524 | Black nitrile gloves, 100/box - XL | 10 |
| 2525 | Black nitrile gloves, 100/box - XXL | 10 |
| 2515 | DynaPlus nitrile gloves, 200/box - XS | 10 |
| 2516 | DynaPlus nitrile gloves, 200/box - S | 10 |
| 2517 | DynaPlus nitrile gloves, 200/box - M | 10 |
| 2518 | DynaPlus nitrile gloves, 200/box - L | 10 |
| 2519 | DynaPlus nitrile gloves, 180/box - XL | 10 |

Nitrile Gloves

Powder-free nitrile gloves for extra protection. Black nitrile exam gloves are 4 mil thick. DynaPlus™ nitrile exam gloves are 3 mil. More glove styles including latex are available upon request.

FEATURES:

- Textured fingertips for better grip
- Puncture resistant
- Beaded cuffs and polymer lining reduce tearing
- Powder-free and latex-free



Lab Coats

Disposable lab coats protect skin and clothing from splashes and spills. Additional styles are available upon request.

FEATURES:

- Triple-layered polymer material
- Knee length
- Front snaps
- Elastic wrists for secure fit
- With pockets



| Item No. | Description | Qty/Pkg |
|----------|--------------------------------------|---------|
| 2062 | Lab coat, 3 boxes of 10, white - S | 30 |
| 2063 | Lab coat, 3 boxes of 10, white - M | 30 |
| 2064 | Lab coat, 3 boxes of 10, white - L | 30 |
| 2065 | Lab coat, 3 boxes of 10, white - XL | 30 |
| 2066 | Lab coat, 3 boxes of 10, white - 2XL | 30 |
| 2072 | Lab coat, 3 boxes of 10, blue - S | 30 |
| 2073 | Lab coat, 3 boxes of 10, blue - M | 30 |
| 2074 | Lab coat, 3 boxes of 10, blue - L | 30 |
| 2075 | Lab coat, 3 boxes of 10, blue - XL | 30 |
| 2076 | Lab coat, 3 boxes of 10, blue - 2XL | 30 |



3-Ply Face Masks

Disposable Grade 1 (civilian use) face masks with ear loops and metal nosepiece for secure fit. Perfect for hospitals and medical facilities.

FEATURES:

- CE certified
- 88.5% filtration
- Manufactured in FDA-registered facility



Face Shield

Transparent face shields for spray and spatter protection.

| Item No. | Description | Qty/Pkg |
|----------|----------------------------------|---------|
| 97-2005 | Single-use adult face mask, blue | 50 |

| Item No. | Description | Qty/Pkg |
|----------|----------------------|---------|
| 97-2020 | Reusable face shield | 10 |

Anti-Fatigue Mats

Reduce injuries and boost productivity in the lab with anti-fatigue mats.

FEATURES:

- Anti-microbial
- Lightweight
- Chemical resistant
- Beveled, non-curling safety edges
- 3/4-Inch polyurethane
- Multiple sizes and colors available



MobilePro Portable Mat

| Item No. | Description |
|--------------|---|
| SS2515BLK | Supreme mat, 2.5 x 1.5 ft., black |
| SS32BLK | Supreme mat, 3 x 2 ft., black |
| SS32GRY | Supreme mat, 3 x 2 ft., grey |
| SS52BLK | Supreme mat, 5 x 2 ft., black |
| SS52GRY | Supreme mat, 5 x 2 ft., grey |
| SS53BLK | Supreme mat, 5 x 3 ft., black |
| SS53GRY | Supreme mat, 5 x 3 ft., grey |
| SS54BLK | Supreme mat, 5 x 4 ft., black |
| SS54GRY | Supreme mat, 5 x 4 ft., grey |
| SS62BLK | Supreme mat, 6 x 2 ft., black |
| SS62GRY | Supreme mat, 6 x 2 ft., grey |
| SS63BLK | Supreme mat, 6 x 3 ft., black |
| SS63GRY | Supreme mat, 6 x 3 ft., grey |
| 2218SSMP-BLK | MobilePro portable mat with carrying handle, 22 x 18 in., black |
| 2218SSMP-GRY | MobilePro portable mat with carrying handle, 22 x 18 in., grey |

LABEL PRINTERS



LinkLabel™ Bluetooth® Label Printer

Customize laboratory labels with the LinkLabel™ Bluetooth® enabled label printer.

FEATURES:

- Free app offers limitless customization
- Compact and portable
- Operates on battery or plug-in
- Prints barcodes and QR codes
- Over 400 scientific characters and symbols
- Memory function for saving labels or templates
- Prints serial and batch sequences
- Built-in cutter
- Ultra-low tapes available for -80°C and liquid nitrogen

| Item No. | Description |
|----------|--|
| L3000 | LinkLabel™ Lab Printer with universal power supply |

LABeler™ Handheld Label Printer

The LABeler™ label printer provides the convenience of a lab pen with the benefits of a large desktop printer.

FEATURES:

- Lightweight, handheld operation
- Powered by 6AA batteries or optional plug-in power supply
- Variety of label types and sizes
- Prints a variety of barcodes
- Built-in cutter
- Ultra-low tapes available for -196°C and liquid nitrogen



Printer Cassettes

Label cassettes for the LinkLabel™ and LABeler™ printer allow further customization of lab-printed labels. Available in multiple sizes and colors and for different uses.



| Item No. | Description |
|-------------|--|
| L9010-6WK | 6mm, white/black print, 26' |
| L9010-12WK | 12mm, white/black print, 26' |
| L9010-18WK | 18mm, white/black print, 26' |
| L9010-24WK | 24mm, white/black print, 26' |
| L9010-6CK | 6mm, clear/black print, 26' |
| L9010-12CK | 12mm, clear/black print, 26' |
| L9010-24CK | 24mm, clear/black print, 26' |
| L9010-12ULT | 12mm, white/black print, 20', ultra-low temp |
| L9010-24ULT | 24mm, white/black print, 20', ultra-low temp |
| L9010-12BW | 12mm, blue/white print, 26' |
| L9010-12RW | 12mm, red/white print, 26' |
| L9010-12GW | 12mm, green/white print, 26' |
| L9010-12YK | 12mm, yellow/black print, 26' |

| Item No. | Description |
|----------|--|
| L9010 | LABeler™ Handheld Lab Printer with power supply |
| L9010-A | LABeler™ Handheld Lab Printer without power supply |

Zebra Thermal Transfer/Direct Thermal Label Printers

Zebra Bluetooth® enabled label printers offer premium quality label printing with state-of-the-art features in either a thermal transfer or direct thermal model.

FEATURES:

- Print speed up to 8" per second depending on model and options
- Prints 1D and 2D barcodes
- High-resolution (up to 300 dpi) printing depending on model



ZD620



TLP-2824



ZD410



ZT230

| Item No. | Description |
|----------|--|
| ZD620 | Zebra Thermal Transfer / Direct Thermal Desktop Printer |
| ZD410 | Zebra Direct Thermal Compact Desktop Printer |
| TLP-2824 | Zebra TLP 2824™ Plus Thermal Transfer / Direct Thermal Compact Desktop Printer |
| ZT230 | Zebra Thermal Transfer / Direct Thermal Industrial Printer with intuitive user interface |

DYMO LabelWriter® Direct Thermal Label Printers

DYMO LabelWriter® printers offer efficient, convenient printing solutions with no ink or toner required.

FEATURES:

- Compact design
- Cryogenic labels available
- Compatible with PC and Mac



LabelWriter 450

LabelWriter 450 Turbo

| Item No. | Description |
|----------|---|
| 1752264 | DYMO LabelWriter 450 Direct Thermal Printer, 51 labels per minute |
| 1752265 | DYMO LabelWriter 450 Turbo Direct Thermal Printer, 72 labels per minute |

cab Thermal Transfer/Direct Thermal Label Printers

The cab MACH1 desktop printer is ideal for small to medium-volume label printing while the rugged SQUIX 4 is built to take on industrial label-printing jobs.

| Item No. | Description |
|----------|---|
| MACH1 | cab MACH1 Thermal Transfer/Direct Thermal Printer, 4" per second |
| SQUIX4 | cab SQUIX4 Industrial Thermal Transfer/Direct Thermal Printer, 11.8" per second |



MACH1



SQUIX4

CognitiveTPG Thermal Transfer/Direct Thermal Label Printer

The CognitiveTPG label printer offers a compact design with an industrial-sized capacity.

FEATURES:

- Compact design
- Up to 300 dpi resolution
- As fast as 8" per second



| Item No. | Description |
|----------|---|
| CXT2 | CognitiveTPG Thermal Transfer/Direct Thermal Printer, 8" per second |

PRINTER RIBBONS

Thermal Transfer Printer Ribbons

Smudge and alcohol-proof (RR-class) and xylene-resistant (XAR-class) thermal transfer printer ribbons are recommended for certain types of labels for optimal performance.

Smudge and Alcohol-Proof Ribbons (RR-Class)

| Item No. | Description | W(in) x L(ft) | W(mm) x L(m) |
|-------------------|---------------------------------|---------------|--------------|
| RR64X74C0.5-1iZ4 | RR-Class for Desktop Printer | 2.5 x 244 | 64 x 74 |
| RR84X74C0.5-1iZ4 | RR-Class for Desktop Printer | 3.3 x 244 | 84 x 74 |
| RR110X74C0.5-1iZ4 | RR-Class for Desktop Printer | 4.3 x 244 | 110 x 74 |
| RR40X450C1-1iZ4 | RR-Class for Industrial Printer | 1.57 x 1476 | 40 x 450 |
| RR60X450C1-1iZ4 | RR-Class for Industrial Printer | 2.36 x 1476 | 60 x 450 |
| RR110X450C1-1iZ4 | RR-Class for Industrial Printer | 4.3x 1476 | 110 x 450 |



Xylene-Resistant Ribbons (XAR-Class)

| Item No. | Description | W(in) x L(ft) | W(mm) x L(m) |
|-------------------|----------------------------------|---------------|--------------|
| XAR55X74C0.5-1JZ4 | XAR-Class for Desktop Printer | 2.17 x 244 | 55 x 74 |
| XAR84X74C0.5-1JZ4 | XAR-Class for Desktop Printer | 3.3 x 244 | 84 x 74 |
| XAR40X300C1-1JZ4 | XAR-Class for Industrial Printer | 1.57 x 984 | 40 x 300 |
| XAR60X300C1-1JZ4 | XAR-Class for Industrial Printer | 2.36 x 984 | 60 x 300 |



Uber Markers

PathSUPPLY Uber Markers are the ultimate laboratory marker. These no-smear, fine-tip permanent markers with black ink hold up in cryogenic and deep freeze conditions as well as aqueous solutions, alcohol, and xylene. (Not for use with xylene substitutes or recycled xylene.) Store horizontally for longest life.

FEATURES:

- Permanent black ink
- Fine tip for clear marking
- Cryogenic and deep-freeze compatible
- Resistant to aqueous solutions, alcohol, and xylene



| Item No. | Description | Quantity/Pack |
|------------|---------------------------------|---------------|
| 70-100-12B | Fine tip Uber Marker, black ink | 12 |

Cryo-LazrTAG™ Cryogenic Labels for Laser Printers

LABELS

Compatible with common desktop laser printers, Cryo-LazrTAG™ cryogenic labels are resistant to vapor-phase and liquid nitrogen and are able to withstand multiple freeze-thaw cycles.



Permanent | 8.5" x 11"

Permanent adhesive for long-term cryogenic storage on 8.5 x 11-inch sheets. Temperature range: -196°C to 120°C.

| Item No. | Inches (W x H) | mm (W x H) | Colors Available |
|----------|---------------------|--------------------|---|
| CL-48T1 | 0.433 | 11 | WH, SI, LE, YE, GA, PI, LA, BL, OR, MT, RE, BR, A |
| CL-51T1 | 0.75 | 19.1 | WH, LE |
| CL-16T1 | 0.75 x 0.75 | 19.1 x 19.1 | WH, OR |
| CL-12T1 | 0.94 x 0.5 | 23.9 x 12.7 | WH, SI, LE, YE, GA, PI, LA, BL, OR, MT, RE, GS, A |
| CL-4T1 | 0.94 x 0.77 | 23.9 x 19.6 | WH |
| CL-32T1 | 0.94 x 0.7813 | 23.9 x 19.8 | WH, GA |
| CL-71T1 | 1 x 1 | 25.4 x 25.4 | WH |
| CL-60T1 | 1.125 x 0.94 + 0.44 | 28.6 x 23.9 + 11.2 | WH |
| CL-59T1 | 1.2 x 0.63 | 30.5 x 16 | WH |
| CL-9T1 | 1.26 x 0.87 | 32 x 22.1 | WH, SI, LE, YE, GA, PI, LA, BL, OR, MT, RE, BE, A |
| CL-37T1 | 1.26 x 1.1 | 32 x 27.9 | WH, YE, BL |
| CL-23T1 | 1.28 x 0.5 | 32.5 x 12.7 | WH, SI, LE, YE, GA, PI, LA, BL, OR, MT, RE, BE, A |
| CL-114T1 | 1.28 x 0.5 | 32.5 x 12.7 | WH, YE, GA, PI, BL, OR, A |
| CL-47T1 | 1.3 x 1.3 | 33 x 33 | WH |
| CL-6T1 | 1.42 x 0.55 | 36 x 14 | WH, SI, LE, YE, GA, PI, LA, BL, OR, MT, RE, BE, A |
| CL-17T1 | 1.5 x 0.25 | 38.1 x 6.4 | WH |
| CL-13T1 | 1.75 x 0.5 | 44.5 x 12.7 | WH, SI, LE, YE, GA, PI, LA, BL, OR, MT, RE, BR, BE, A |
| CL-8T1 | 1.77 x 0.79 | 45 x 20 | WH, SI, LE, YE, GA, PI, LA, BL, OR, GS, RE, BR, BE, A |
| CL-33T1 | 1.97 x 0.97 | 50 x 24.6 | WH, GA, RE |
| CL-63T1 | 2 x 1.125 | 50.8 x 28.6 | WH |
| CL-3T1 | 2.63 x 1 | 66.7 x 25.4 | WH, YE, GA, PI, BL, OR, GS, RE, A |
| CL-29T1 | 2.83 x 1.57 | 71.9 x 39.9 | WH, YE, GA, PI, LA, BL, OR, RE |
| CL-30T1 | 3 x 2.375 | 76.2 x 60.3 | WH, YE |
| CL-7T1 | 4 x 2 | 101.6 x 50.8 | WH, OR, BR |
| CL-15T1 | 4 x 3.33 | 101.6 x 84.6 | WH, YE, GA, PI, LA, BL, OR |

| Color | Symbol |
|---------------|--------|
| White | WH |
| Beige | BE |
| Yellow | YE |
| Lemon | LE |
| Green Apple | GA |
| Mint | MT |
| Pink | PI |
| Lavender | LA |
| Blue | BL |
| Orange | OR |
| Mocha | BR |
| Red | RE |
| Violet | VI |
| Green Seafoam | GS |
| Silver | SI |
| Assorted | A |



Permanent | 4" x 6"

Permanent adhesive for long-term cryogenic storage on 4 x 6-inch sheets. Temperature range: -196°C to 120°C.

| Item No. | Inches (W x H) | mm (W x H) | Colors Available |
|----------|----------------|------------|---|
| CLH-2 | 0.79 x 0.2 | 20 x 5.1 | WH, SI, BE, YE, LE, GA, MT, PI, LA, BL, OR, BR, RE, VI, GS, A |
| CLH-1 | 1.02 x 0.4 | 26 x 10 | WH, SI, BE, YE, LE, GA, MT, PI, LA, BL, OR, BR, RE, VI, GS, A |



| Color | Symbol |
|---------------|--------|
| White | WH |
| Silver | SI |
| Beige | BE |
| Yellow | YE |
| Lemon | LE |
| Green Apple | GA |
| Mint | MT |
| Pink | PI |
| Lavender | LA |
| Blue | BL |
| Orange | OR |
| Mocha | BR |
| Red | RE |
| Violet | VI |
| Green Seafoam | GS |
| Assorted | A |

Removable | 8.5" x 11"

Removable, glove-friendly adhesive leaves no residue. Available in 8.5 x 11-inch sheets. Temperature range: -196°C to 120°C.

| Item No. | Inches (W x H) | mm (W x H) | Colors Available |
|----------|----------------|--------------|---|
| RCL-12T1 | 0.94 x 0.5 | 23.9 x 12.7 | WH, SI, BE, YE, GA, PI, LA, BL, OR, BR, RE, GS, A |
| RCL-9T1 | 1.26 x 0.887 | 32 x 22.1 | WH, SI, BE, YE, GA, PI, LA, BL, OR, RE, GS, A |
| RCL-37T1 | 1.26 x 1.1 | 32 x 27.9 | WH |
| RCL-23T1 | 1.28 x 0.5 | 32.5 x 12.7 | WH, LE, YE, GA, MT, PI, LA, BL, OR, RE, A |
| RCL-6T1 | 1.42 x 0.55 | 36 x 14 | WH, SI, BE, LE, YE, GA, PI, LA, BL, OR, MT, PU, RE, VI, GS, A |
| RCL-17T1 | 1.5 x 0.25 | 38.1 x 6.4 | WH, SI, YE, GA, MT, PI, LA, BL, OR, RE |
| RCL-13T1 | 1.75 x 0.5 | 44.5 x 12.7 | WH, GA, OR |
| RCL-76T1 | 1.75 x 2 | 44.5 x 50.8 | WH |
| RCL-8T1 | 1.77 x 0.79 | 45 x 20 | WH, SI, LE, YE, GA, MT, PI, LA, BL, OR, GS, RE, BR, BE, VI, A |
| RCL-33T1 | 1.97 x 0.97 | 50 x 24.6 | WH, GA, RE |
| RCL-20T1 | 2 x 2 | 50.8 x 50.8 | WH |
| RCL-3T1 | 2.63 x 1 | 66.8 x 25.4 | WH, SI, BE, YE, LE, GA, PI, LA, BL, OR, RE, GS, MT, A |
| RCL-11T1 | 2.64 x 0.277 | 67.1 x 7 | WH, SI, BE, YE, LE, GA, PI, LA, BL, OR, RE, GS, A |
| RCL-61T1 | 3.5 x 2 | 88.9 x 50.8 | WH |
| RCL-26T1 | 3.5 x 5 | 88.9 x 127 | WH |
| RCL-7T1 | 4 x 2 | 101.6 x 50.8 | WH, SI, BE, YE, GA, PI, LA, BL, OR, RE, GS, BR |
| RCL-15T1 | 4 x 3.33 | 101.6 x 84.6 | WH, YE, GA, PI, LA, BL, OR, RE, GS |



Permanent Wrap-Around Labels | 8.5" x 11"

Permanent adhesive on a self-laminating cryogenic label for long-term storage in harsh ultra-low temperature environments. Print is protected from abrasion and chemicals. Autoclavable. Available in 8.5 x 11-inch sheets. Temperature range: -196°C to 150°C.

| Item No. | Inches (W x H) | mm (W x H) | Colors Available | Labels/Pack |
|-----------|-----------------|--------------------|------------------|-------------|
| DFSL-13WH | 1 x 0.5 + 0.75 | 25.4 x 12.7 + 19.1 | WH | 3200 |
| DFSL-62WH | 1 x 0.6 + 0.625 | 25.4 x 15.2 + 15.9 | WH | 2560 |
| DFSL-65 | 1 x 0.6 + 1.6 | 25.4 x 15.2 + 40.6 | WH, YE, MT, PI | 1920 |
| DFSL-75WH | 1 x 0.625 + 2 | 25.4 x 15.9 + 50.8 | WH | 1280 |
| DFSL-77WH | 2 x 0.625 + 2 | 50.8 x 15.9 + 50.8 | WH | 1280 |



Cryo-LazrTAG™ Cryogenic Labels (continued)

LABELS



Removable Transparent | 8.5" x 11"

Waterproof and tear-proof labels with a glove-friendly, removable adhesive designed for use on flat surface containers. Temperature range: -196°C to 120°C.

| Item No. | Inches (W x H) | mm (W x H) | Labels/Pack |
|----------|----------------|--------------|-------------|
| TRCL-12 | 0.94 x 0.5 | 23.9 x 12.7 | 2688 |
| TRCL-9 | 1.26 x 0.87 | 32 x 22.1 | 1152 |
| TRCL-23 | 1.28 x 0.5 | 32.5 x 12.7 | 2016 |
| TRCL-6 | 1.42 x 0.55 | 36.1 x 14 | 1520 |
| TRCL-70 | 1.5 x 1 | 38.1 x 25.4 | 800 |
| TRCL-13 | 1.75 x 0.5 | 44.5 x 12.7 | 1280 |
| TRCL-8 | 1.77 x 0.79 | 45 x 20.1 | 832 |
| TRCL-71 | 1 x 1 | 25.4 x 25.4 | 1260 |
| TRCL-63 | 2 x 1.125 | 50.8 x 28.6 | 432 |
| TRCL-20 | 2 x 2 | 50.8 x 50.8 | 320 |
| TRCL-3 | 2.63 x 1 | 66.8 x 25.4 | 480 |
| TRCL-11 | 2.64 x 0.277 | 67.1 x 7 | 1824 |
| TRCL-53 | 3.125 Circle | 79.4 Circle | 96 |
| TRCL-7 | 4 x 2 | 101.6 x 50.8 | 160 |
| TRCL-24 | 4.8 x 0.276 | 121.9 x 7 | 832 |

Permanent Transparent | 8.5" x 11"

Transparent labels allow the container's contents to remain visible. Autoclavable. Temperature range: -196°C to 150°C.

| Item No. | Inches (W x H) | mm (W x H) | Labels/Pack |
|----------|----------------|--------------|-------------|
| DFLT-62 | 1.625 x 0.6 | 41.3 x 15.2 | 1024 |
| DFLT-13 | 1.75 x 0.5 | 44.5 x 12.7 | 1280 |
| DFLT-65 | 2.6 x 0.6 | 66 x 15.2 | 768 |
| DFLT-75 | 3 x 0.625 | 76.2 x 15.9 | 512 |
| DFLT-77 | 4 x 0.625 | 101.6 x 15.9 | 512 |



LABELS

LabTAG™ Color Coding Cryogenic Labels

Color-code tubes, vials, and other items with LabTAG™ color labels for cryogenic storage. Designed to fit tubes caps as small as 0.2mL, these writable labels are resistant to vapor-phase and liquid nitrogen. Temperature range: -196°C to 110°C (subject to testing with vial/surface). Round or rectangular shapes with a permanent adhesive. Available in 15 waterproof colors in rolls or 4 x 6 sheets.

Sheet Format | 4" x 6"

| Item No. | Inches | mm | Labels/Pack | Colors Available |
|-----------|------------|---------|-------------|--|
| WRPLT-7* | 0.28 | 7 | 800 | WH, SI, BE, YE, LE, GA, MT, PI, LA, BL, OR, BR, RE, VI, GS |
| WRPLT-A* | 0.28 | 7 | 2400 | 15 Assorted Colors |
| LT-9 | 0.35 | 9 | 520 | WH, SI, BE, YE, LE, GA, MT, PI, LA, BL, OR, BR, RE, VI, GS |
| LT-9A | 0.35 | 9 | 1560 | 15 Assorted Colors |
| LT-9X8A | 0.35 | 9 | 520 | Multicolor Sheets (WH, YE, GA, PI, BL, LA, SI, RE) |
| LT-11 | 0.44 | 11 | 462 | WH, SI, BE, YE, LE, GA, MT, PI, LA, BL, OR, BR, RE, VI, GS |
| LT-11A | 0.44 | 11 | 1155 | 15 Assorted Colors |
| LT-11X7A | 0.44 | 11 | 462 | Multicolor Sheets (YE, GA, PI, BL, LA, OR, RE) |
| LT-13 | 0.5 | 13 | 420 | WH, SI, BE, YE, LE, GA, MT, PI, LA, BL, OR, BR, RE, VI, GS |
| LT-13A | 0.5 | 13 | 900 | 15 Assorted Colors |
| JTA-13X6A | 0.5 | 13 | 420 | Multicolor Sheets (YE, GA, PI, BL, OR, RE) |
| JTA-2610 | 1.02 x 0.4 | 26 x 10 | 420 | WH, SI, BE, YE, LE, GA, MT, PI, LA, BL, OR, BR, RE, VI, GS |
| JTA-2610A | 1.02 x 0.4 | 26 x 10 | 630 | 15 Assorted Colors |

* WRPLT labels are for 0.2mL PCR tubes at -80°C



| Color | Symbol |
|---------------|--------|
| White | WH |
| Silver | SI |
| Beige | BE |
| Yellow | YE |
| Lemon | LE |
| Green Apple | GA |
| Mint | MT |
| Pink | PI |
| Lavender | LA |
| Blue | BL |
| Orange | OR |
| Mocha | BR |
| Red | RE |
| Violet | VI |
| Green Seafoam | GS |
| Assorted | A |

Roll Format

| Item No. | Inches | mm | Labels/Pack | Colors Available |
|------------|------------|---------|-------------|--|
| JTRA-9 | 0.35 | 9 | 1100 | WH, SI, BE, YE, LE, GA, MT, PI, LA, BL, OR, BR, RE, VI, GS |
| LTR-9X8A | 0.35 | 9 | 5200 | Multicolor Box (WH, YE, GA, PI, BL, LA, SI, RE) |
| JTRA-11 | 0.44 | 11 | 1100 | WH, SI, BE, YE, LE, GA, MT, PI, LA, BL, OR, BR, RE, VI, GS |
| LTR-11X7A | 0.44 | 11 | 5236 | Multicolor Box (YE, GA, PI, BL, LA, OR, RE) |
| JTRA-13 | 0.5 | 13 | 1100 | WH, SI, BE, YE, LE, GA, MT, PI, LA, BL, OR, BR, RE, VI, GS |
| JTRA-13X6A | 0.5 | 13 | 5040 | Multicolor Box (YE, GA, PI, BL, OR, RE) |
| JTRA-2610 | 1.02 x 0.4 | 26 x 10 | 1000 | WH, SI, BE, YE, LE, GA, MT, PI, LA, BL, OR, BR, RE, VI, GS |



PikaTAG™ Label Applicator

Pick up and apply small round labels easily with PikaTAG™ applicator.

FEATURES:

- Prevents cross contamination
- Glove-friendly
- Replaceable tips
- Compatible with round labels 0.25 to 0.354 inches (6.4 to 9 mm) in diameter



Patent Pending

| Item No. | Description | Qty/Pkg |
|------------|---|----------------------------|
| PIKKIT-2 | PikaTAG applicator and 1 sheet (48) tip refills | 1 applicator 48 refills |
| PIK-2WH-1 | PikaTAG applicator | 1 |
| PIK-2WH-6 | PikaTAG applicator (pack of 6) | 6 |
| PIKTIP-2-1 | PikaTAG tip refills—48 tips per sheet | 48 |

NitroTAG™ Cryogenic Labels

NitroTAG™ labels tolerate the most extreme cryogenic temperatures. Compatible with liquid helium, liquid nitrogen, deep freezers, and dry ice, these permanent adhesive, waterproof labels adhere to wet surfaces and can withstand multiple freeze-thaw cycles. Resistant to detergents and chemicals including alcohols, bleach, and DMSO. For thermal-transfer printers. Available in rolls with rectangular or round labels. Recommended for use with alcohol and smudge-proof ribbons (RR-class). Temperature range: -269°C to 110°C.



Rectangular Labels

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels/Roll | Colors Available |
|-----------------|----------------|--------------|-----------|-------------|--|
| JTTA-204C1-2WH | 0.47 x 0.47 | 11.9 x 11.9 | 1 | 2000 | WH |
| JTTA-204C3-4WH | 0.47 x 0.47 | 11.9 x 11.9 | 3 | 4000 | WH |
| JTTA-277C1-1WH | 0.625 x 1.2 | 15.9 x 30.5 | 1 | 1000 | WH |
| JTTA-277C3-3WH | 0.625 x 1.2 | 15.9 x 30.5 | 3 | 3000 | WH |
| JTTA-51NPC1-2WH | 0.75 x 0.4 | 19.1 x 10.2 | 1 | 2000 | WH |
| JTTA-51NPC3-6WH | 0.75 x 0.4 | 19.1 x 10.2 | 3 | 6000 | WH |
| JTTA-49C1-2WH | 0.75 x 0.625 | 19.1 x 15.9 | 1 | 2000 | WH |
| JTTA-49C3-2WH | 0.75 x 0.625 | 19.1 x 15.9 | 3 | 2000 | WH |
| JTTA-117C1-3WH | 0.866 x 0.59 | 22 x 15 | 1 | 3000 | WH |
| JTTA-117C3-4WH | 0.866 x 0.59 | 22 x 15 | 3 | 4000 | WH |
| JTTA-160C1-2 | 0.875 x 0.438 | 22.2 x 11.1 | 1 | 2000 | WH |
| JTTA-160C3-6 | 0.875 x 0.438 | 22.2 x 11.1 | 3 | 6000 | WH |
| JTTA-98C1-1WH | 0.875 x 0.875 | 22.2 x 22.2 | 1 | 1000 | WH |
| JTTA-98C3-3WH | 0.875 x 0.875 | 22.2 x 22.2 | 3 | 3000 | WH |
| JTTA-152C1-1WH | 0.9 x 0.75 | 22.9 x 19.1 | 1 | 1000 | WH |
| JTTA-152C3-6WH | 0.9 x 0.75 | 22.9 x 19.1 | 3 | 6000 | WH |
| JTTA-209C1-4WH | 1 x 0.25 | 25.4 x 6.4 | 1 | 4000 | WH |
| JTTA-209C3-10WH | 1 x 0.25 | 25.4 x 6.4 | 3 | 10000 | WH |
| JTTA-225C1-3 | 1 x 0.375 | 25.4 x 9.5 | 1 | 3000 | WH |
| JTTA-225C3-6 | 1 x 0.375 | 25.4 x 9.5 | 3 | 6000 | WH |
| JTTA-1C1-1WH | 1 x 0.4375 | 25.4 x 11.1 | 1 | 1000 | WH, LE, PI |
| JTTA-1C3-6WH | 1 x 0.4375 | 25.4 x 11.1 | 3 | 6000 | WH, LE, PI |
| JTTA-7C1-1 | 1 x 0.5 | 25.4 x 12.7 | 1 | 1000 | WH, YE, LE, GA, BL, OR, MT, LA, GS, RE, VI |
| JTTA-7C3-5 | 1 x 0.5 | 25.4 x 12.7 | 3 | 5000 | WH, YE, LE, GA, BL, OR, MT, LA, GS, RE, VI |
| JTTA-4C1-1 | 1 x 0.75 | 25.4 x 19.1 | 1 | 1000 | WH |
| JTTA-4C3-1 | 1 x 0.75 | 25.4 x 19.1 | 3 | 1000 | WH |
| JTTA-29C1-1 | 1 x 1 | 25.4 x 25.4 | 1 | 1000 | WH, YE, PI, GA, BL, RE |
| JTTA-29C3-3 | 1 x 1 | 25.4 x 25.4 | 3 | 3000 | WH, YE, PI, GA, BL, RE |
| JTTA-118C1-1WH | 1 x 1.25 | 25.4 x 31.8 | 1 | 1000 | WH |
| JTTA-118C3-4WH | 1 x 1.25 | 25.4 x 31.8 | 3 | 4000 | WH |
| JTTA-169C1-4 | 1.25 x 0.25 | 31.8 x 6.35 | 1 | 4000 | WH |
| JTTA-169C3-8 | 1.25 x 0.25 | 31.8 x 6.35 | 3 | 8000 | WH |
| JTTA-18C1-2 | 1.25 x 0.5 | 31.75 x 12.7 | 1 | 2000 | WH |
| JTTA-18C3-2 | 1.25 x 0.5 | 31.75 x 12.7 | 3 | 2000 | WH |
| JTTA-9C1-1 | 1.25 x 0.875 | 31.8 x 22.2 | 1 | 1000 | WH, YE, GA, OR, MT, RE |
| JTTA-9C3-1 | 1.25 x 0.875 | 31.8 x 22.2 | 3 | 1000 | WH, YE, GA, OR, MT, RE |

| Color | Symbol |
|---------------|--------|
| White | WH |
| Black | BK |
| Silver | SI |
| Yellow | YE |
| Lemon | LE |
| Green Apple | GA |
| Mint | MT |
| Pink | PI |
| Lavender | LA |
| Blue | BL |
| Orange | OR |
| Mocha | BR |
| Red | RE |
| Violet | VI |
| Green Seafoam | GS |
| Light Pink | LPI |
| Light Blue | LBL |
| Assorted | A |



Rectangular Labels (Continued)

| Color | Symbol |
|---------------|--------|
| White | WH |
| Black | BK |
| Silver | SI |
| Yellow | YE |
| Lemon | LE |
| Green Apple | GA |
| Mint | MT |
| Pink | PI |
| Lavender | LA |
| Blue | BL |
| Orange | OR |
| Mocha | BR |
| Red | RE |
| Violet | VI |
| Green Seafoam | GS |
| Light Pink | LPI |
| Light Blue | LBL |
| Assorted | A |

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels/Roll | Colors Available |
|----------------|----------------|--------------|-----------|-------------|--|
| JTTA-97C1-1WH | 1.28 x 0.625 | 32.5 x 15.9 | 1 | 1000 | WH |
| JTTA-97C3-2WH | 1.28 x 0.625 | 32.5 x 15.9 | 3 | 2000 | WH |
| JTTA-19C1-1WH | 1.3 x 0.625 | 33 x 15.9 | 1 | 1000 | WH |
| JTTA-19C3-2WH | 1.3 x 0.625 | 33 x 15.9 | 3 | 2000 | WH |
| JTTA-168C1-2WH | 1.4 x 0.5 | 35.6 x 12.7 | 1 | 2000 | WH |
| JTTA-168C3-4WH | 1.4 x 0.5 | 35.6 x 12.7 | 3 | 4000 | WH |
| JTTA-10C1-1 | 1.5 x 0.75 | 38.1 x 19.1 | 1 | 1000 | WH, OR |
| JTTA-10C3-2 | 1.5 x 0.75 | 38.1 x 19.1 | 3 | 2000 | WH, OR |
| JTTA-240C1-1WH | 1.5 x 0.5 | 38.1 x 12.7 | 1 | 1000 | WH |
| JTTA-240C3-3WH | 1.5 x 0.5 | 38.1 x 12.7 | 3 | 3000 | WH |
| JTTA-107C1-1WH | 1.5 x 0.875 | 38.1 x 22.2 | 1 | 1000 | WH |
| JTTA-107C3-3WH | 1.5 x 0.875 | 38.1 x 22.2 | 3 | 3000 | WH |
| JTTA-504C1-1WH | 1.5 x 1 | 38.1 x 25.4 | 1 | 1000 | WH |
| JTTA-504C3-3WH | 1.5 x 1 | 38.1 x 25.4 | 3 | 3000 | WH |
| JTTA-272C1-1WH | 1.5 x 1.25 | 38.1 x 31.8 | 1 | 1000 | WH |
| JTTA-272C3-4WH | 1.5 x 1.25 | 38.1 x 31.8 | 3 | 4000 | WH |
| JTTA-232C1-2WH | 1.625 x 0.625 | 41.3 x 15.9 | 1 | 2000 | WH |
| JTTA-232C3-4WH | 1.625 x 0.625 | 41.3 x 15.9 | 3 | 4000 | WH |
| JTTA-38C1-2WH | 1.75 x 0.5 | 44.5 x 12.7 | 1 | 2000 | WH |
| JTTA-38C3-6WH | 1.75 x 0.5 | 44.5 x 12.7 | 3 | 6000 | WH |
| JTTA-242C1-1WH | 1.75 x 0.75 | 44.5 x 19.1 | 1 | 1000 | WH |
| JTTA-242C3-3WH | 1.75 x 0.75 | 44.5 x 19.1 | 3 | 3000 | WH |
| JTTA-24C1-2WH | 1.75 x 1 | 44.5 x 25.4 | 1 | 2000 | WH |
| JTTA-24C3-2WH | 1.75 x 1 | 44.5 x 25.4 | 3 | 2000 | WH |
| JTTA-128C1-1WH | 2 x 0.75 | 50.8 x 19.1 | 1 | 1000 | WH |
| JTTA-128C3-2WH | 2 x 0.75 | 50.8 x 19.1 | 3 | 2000 | WH |
| JTTA-28C1-2 | 2 x 1 | 50.8 x 25.4 | 1 | 2000 | WH, YE, GA, BL, OR, LA, RE, BK, SI, BR |
| JTTA-28C3-2 | 2 x 1 | 50.8 x 25.4 | 3 | 2000 | WH, YE, GA, BL, OR, LA, RE, BK, SI, BR |
| JTTA-14C1-1WH | 2 x 1.5 | 50.8 x 38.1 | 1 | 1000 | WH |
| JTTA-14C3-2WH | 2 x 1.5 | 50.8 x 38.1 | 3 | 2000 | WH |
| JTTA-27C1-1WH | 2 x 2 | 50.8 x 50.8 | 1 | 1000 | WH |
| JTTA-27C3-1WH | 2 x 2 | 50.8 x 50.8 | 3 | 1000 | WH |
| JTTA-32C1-1WH | 2.5 x 0.5 | 63.5 x 12.7 | 1 | 1000 | WH |
| JTTA-32C3-3WH | 2.5 x 0.5 | 63.5 x 12.7 | 3 | 3000 | WH |
| JTTA-181C1-1 | 2.75 x 1.5 | 69.9 x 38.1 | 1 | 1000 | WH, GA, OR, RE, LPI, LBL |
| JTTA-181C3-2 | 2.75 x 1.5 | 69.9 x 38.1 | 3 | 2000 | WH, GA, OR, RE, LPI, LBL |
| JTTA-36C1-1 | 3 x 1 | 76.2 x 25.4 | 1 | 1000 | WH, YE, GA, BL, OR, LA, RE, PI, SI, BR |
| JTTA-36C3-1 | 3 x 1 | 76.2 x 25.4 | 3 | 1000 | WH, YE, GA, BL, OR, LA, RE, PI, SI, BR |
| JTTA-127C1-1 | 4 x 1 | 101.6 x 25.4 | 1 | 1000 | WH |
| JTTA-127C3-1 | 4 x 1 | 101.6 x 25.4 | 3 | 1000 | WH |



Rectangular + Round Labels

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Label Sets/Roll | Colors Available |
|----------------|-----------------------|--------------------|-----------|-----------------|--------------------------------|
| JTTA-52NOTC1-2 | 0.94 x 0.5 + 0.437 | 23.9 x 12.7 + 11.1 | 1 | 2000 | WH, YE, GA, BL, OR, PI, LA, RE |
| JTTA-52NOTC3-4 | 0.94 x 0.5 + 0.437 | 23.9 x 12.7 + 11.1 | 3 | 4000 | WH, YE, GA, BL, OR, PI, LA, RE |
| JTTA-183C1-2WH | 1 x 0.5 + 0.375 | 25.4 x 12.7 + 9.5 | 1 | 2000 | WH |
| JTTA-183C3-4WH | 1 x 0.5 + 0.375 | 25.4 x 12.7 + 9.5 | 3 | 4000 | WH |
| JTTA-70C1-2 | 1.125 x 0.75 + 0.437 | 28.6 x 19.1 + 11.1 | 1 | 2000 | WH, PI |
| JTTA-70C3-4 | 1.125 x 0.75 + 0.437 | 28.6 x 19.1 + 11.1 | 3 | 4000 | WH, PI |
| JTTA-161C1-2 | 1.1875 x 1 + 0.375 | 30.2 x 25.4 + 9.5 | 1 | 2000 | WH, GA, YE |
| JTTA-161C3-2 | 1.1875 x 1 + 0.375 | 30.2 x 25.4 + 9.5 | 3 | 2000 | WH, GA, YE |
| JTTA-158C1-2WH | 1.25 x 0.5 + 0.437 | 31.8 x 12.7 + 11.1 | 1 | 2000 | WH |
| JTTA-158C3-4WH | 1.25 x 0.5 + 0.437 | 31.8 x 12.7 + 11.1 | 3 | 4000 | WH |
| JTTA-274C1-2WH | 1.25 x 0.5 + 0.375 | 31.8 x 12.7 + 9.5 | 1 | 2000 | WH |
| JTTA-274C3-4WH | 1.25 x 0.5 + 0.375 | 31.8 x 12.7 + 9.5 | 3 | 4000 | WH |
| JTTA-172C1-2WH | 1.25 x 0.625 + 0.4375 | 31.8 x 15.9 + 11.1 | 1 | 2000 | WH |
| JTTA-172C3-4WH | 1.25 x 0.625 + 0.4375 | 31.8 x 15.9 + 11.1 | 3 | 4000 | WH |
| JTTA-103C1-2WH | 1.25 x 0.625 + 0.375 | 31.8 x 16 + 9.5 | 1 | 2000 | WH |
| JTTA-103C3-4WH | 1.25 x 0.625 + 0.375 | 31.8 x 16 + 9.5 | 3 | 4000 | WH |

| Color | Symbol |
|---------------|--------|
| White | WH |
| Black | BK |
| Silver | SI |
| Yellow | YE |
| Lemon | LE |
| Green Apple | GA |
| Mint | MT |
| Pink | PI |
| Lavender | LA |
| Blue | BL |
| Orange | OR |
| Mocha | BR |
| Red | RE |
| Violet | VI |
| Green Seafoam | GS |
| Light Pink | LPI |
| Light Blue | LBL |
| Assorted | A |



Round Labels

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels Across | Label Sets/Roll | Colors Available |
|-------------------|----------------|------------|-----------|---------------|-----------------|---|
| JTTA-59NPNOTC1-2* | 0.25 | 6.4 | 1 | 2 | 2000 | WH, YE, LE, GA, PI, BL |
| JTTA-59NPNOTC3-2* | 0.25 | 6.4 | 3 | 2 | 2000 | WH, YE, LE, GA, PI, BL |
| JTTA-61NPNOTC1-4 | 0.354 | 9 | 1 | 2 | 4000 | WH, YE, BL, OR, LA, SI |
| JTTA-61NPNOTC3-4 | 0.354 | 9 | 3 | 2 | 4000 | WH, YE, BL, OR, LA, SI |
| JTTA-22NOTC1-2 | 0.438 | 11.1 | 1 | 2 | 2000 | WH, YE, RE, GA, PI, BL, MT, OR |
| JTTA-22NOTC3-4 | 0.438 | 11.1 | 3 | 2 | 4000 | WH, YE, RE, GA, PI, BL, MT, OR |
| JTTA-500NOTC1-4 | 0.5 | 12.7 | 1 | 4 | 4000 | MC (YE, RE, BR, LA), MC1 (WH, BL, LE, SI) |
| JTTA-500NOTC3-8 | 0.5 | 12.7 | 3 | 4 | 8000 | MC (YE, RE, BR, LA), MC1 (WH, BL, LE, SI) |
| JTTA-293NOTC1-3 | 0.5 | 12.7 | 1 | 3 | 3000 | MC (BR, SI, RE), MC1 (BL, LA, YE), MC2 (RE, OR, BL), MC3 (PI, GA, YE) |
| JTTA-293NOTC3-6 | 0.5 | 12.7 | 3 | 3 | 6000 | MC (BR, SI, RE), MC1 (BL, LA, YE), MC2 (RE, OR, BL), MC3 (PI, GA, YE) |
| JTTA-53NOTC1-2 | 0.5 | 12.7 | 1 | 2 | 2000 | WH, YE, RE, GA, PI, BL, OR, LA |
| JTTA-53NOTC3-2 | 0.5 | 12.7 | 3 | 2 | 2000 | WH, YE, RE, GA, PI, BL, OR, LA |
| JTTA-106C1-2 | 0.75 | 19.1 | 1 | 1 | 2000 | WH, YE, BL |
| JTTA-106C3-2 | 0.75 | 19.1 | 3 | 1 | 2000 | WH, YE, BL |
| JTTA-115C1-1 | 1 | 25.4 | 1 | 1 | 1000 | WH, YE, RE, GA, PI, BL, OR |
| JTTA-115C3-1 | 1 | 25.4 | 3 | 1 | 1000 | WH, YE, RE, GA, PI, BL, OR |

* Not recommended for use in liquid nitrogen

LABELS

Cryo DTermo™ DYMO-Compatible Cryogenic Labels

Specifically designed for DYMO LabelWriter direct thermal printers, Cryo DTermo™ waterproof labels can withstand cryogenic temperatures, gamma irradiation, and multiple freeze-thaw cycles. These labels have a permanent adhesive and are available for cryogenic use or with the addition of chemical-resistance. Temperature range: -196°C to 70°C.



Cryogenic Labels

| Item No. | Inches (W x H) | mm (W x H) | Labels Across | Labels/Roll | Colors Available |
|------------|--------------------------|-------------------------|---------------|-------------|--|
| ED1F-030WH | 0.35 round | 9 round | 2 | 2000 | WH |
| EF1F-030 | 0.35 round | 9 round | 2 | 2000 | YE, GA, BL, OR, RE |
| ED1F-050WH | 0.5 round | 13 round | 2 | 2000 | WH |
| EF1F-050 | 0.5 round | 13 round | 2 | 2000 | YE, GA, BL, OR, RE |
| ED1F-040WH | 0.5 x 1 | 12.7 x 25.4 | 2 | 1000 | WH |
| EF1F-040 | 0.5 x 1 | 12.7 x 25.4 | 2 | 1000 | YE, GA, BL, OR, RE |
| ED1F-060WH | 0.56 x 3.44 | 14.2 x 87.4 | 1 | 250 | WH |
| ED1F-073WH | 0.7 x 1.49 | 17.8 x 37.9 | 1 | 500 | WH |
| EF1F-073RE | 0.7 x 1.49 | 17.8 x 37.9 | 1 | 500 | RE |
| ED1F-071WH | 0.79 x 1.77 | 20.1 x 45 | 1 | 500 | WH |
| ED1F-070WH | 1 x 1 | 25.4 x 25.4 | 1 | 750 | WH |
| EF1F-070GR | 1 x 1 | 25.4 x 25.4 | 1 | 750 | GR |
| ED1F-010WH | 1 x 2.125 | 25.4 x 54 | 1 | 500 | WH |
| EF1F-010 | 1 x 2.125 | 25.4 x 54 | 1 | 500 | YE, PI, GA, BL, OR, RE |
| EC1F-072WH | 0.5 x 1.04 + 0.375 round | 12.7 x 26 + 9.5 round | 1 set | 500 | WH |
| EG1F-072 | 0.5 x 1.04 + 0.375 round | 12.7 x 26 + 9.5 round | 1 set | 500 | YE, LE, GA, BL, OR, BE, GR, BR, RE, VI |
| ED1F-020WH | 1.125 x 3.5 | 28.6 x 89 | 1 | 350 | WH |
| EF1F-020 | 1.125 x 3.5 | 28.6 x 89 | 1 | 350 | YE, GA, BL, OR, RE |
| ED1F-075WH | 2 x 0.25 | 50.8 x 6.35 | 1 | 3000 | WH |
| EF1F-075 | 2 x 0.25 | 50.8 x 6.35 | 1 | 3000 | YE, GA, BL, OR, RE, PI, PU |
| ED1F-080WH | 0.75 x 1.5 | 19.1 x 38.1 | 1 | 750 | WH |
| ED1F-079WH | 0.79 x 0.2 + 0.25 round | 20.1 x 5.1 + 6.4 round | 1 set | 1000 | WH |
| EC1F-081WH | 1.04 x 0.5 + 0.375 round | 26.4 x 12.7 + 9.5 round | 1 set | 500 | WH |
| EG1F-081 | 1.04 x 0.5 + 0.375 round | 26.4 x 12.7 + 9.5 round | 1 set | 500 | YE, LE, GA, BL, OR, BE, GR, BR, RE, VI |
| ED1F-083WH | 2.125 x 3.976 | 54 x 101 | 1 | 300 | WH |
| ED1F-082WH | 2.25 x 1.25 | 57.2 x 31.8 | 1 | 1000 | WH |

Cryogenic and Chemical-Resistant Labels

These Cryo DTermo™ labels are resistant to harsh chemicals and solvents. They tolerate alcohols, toluene, MIK, xylene, and sanitizing wipes and can handle up to 3 minutes immersed in alcohols and xylene.



| Item No. | Inches (W x H) | mm (W x H) | Labels/ Roll |
|------------|--------------------|-------------------|--------------|
| EDCC-040WH | 0.5 x 1 | 12.7 x 25.4 | 1000 |
| EDCC-050WH | 0.5 circle | 12.7 circle | 2000 |
| EDCC-072WH | 0.5 x 1.04 + 0.375 | 12.7 x 26.4 + 9.5 | 500 |
| EDCC-070WH | 1 x 1 | 25.4 x 25.4 | 750 |
| EDCC-082WH | 2.25 x 1.25 | 57.2 x 31.8 | 1000 |

CryoSTUCK® Cryogenic Labels for Frozen Surfaces

CryoSTUCK® labels are designed to stick to frozen objects without the need to thaw. Resistant to vapor-phase and liquid nitrogen, they are perfect for long-term cryogenic storage. For thermal-transfer printers. Overlap at least 0.25-inch to ensure proper adherence to frozen tubes or vials. Recommended for use with XAR-class ribbons. Temperature range: -196°C to 100°C.

White Labels with Clear Overlap Area

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels/ Roll |
|------------------|---------------------------|-------------------------|-----------|--------------|
| L2FS-5C1-1WH | 0.875 x 2 | 22.2 x 50.8 | 1 | 1000 |
| L2FS-5C3-1WH | 0.875 x 2 | 22.2 x 50.8 | 3 | 1000 |
| L2FS-1C1-1WH | 1 x 0.5 | 25.4 x 12.7 | 1 | 1000 |
| L2FS-1C3-1WH | 1 x 0.5 | 25.4 x 12.7 | 3 | 1000 |
| FIX-312NOTC1-1WH | 1 x 0.625 + 1.375 wrap | 25.4 x 15.9 + 35 wrap | 1 | 1000 |
| FIX-312NOTC3-3WH | 1 x 0.625 + 1.375 wrap | 25.4 x 15.9 + 35 wrap | 3 | 3000 |
| L2FS-2C1-2WH | 1 x 1 | 25.4 x 25.4 | 1 | 2000 |
| L2FS-2C3-4WH | 1 x 1 | 25.4 x 25.4 | 3 | 4000 |
| L2FS-4C1-2WH | 1.25 x 0.875 | 31.75 x 22.2 | 1 | 2000 |
| L2FS-4C3-2WH | 1.25 x 0.875 | 31.75 x 22.2 | 3 | 2000 |
| FIX-329NOTC1-1WH | 1.5 x 1 + 1.5 wrap | 38.1 x 25.4 + 38.1 wrap | 1 | 1000 |
| FIX-329NOTC3-2WH | 1.5 x 1 + 1.5 wrap | 38.1 x 25.4 + 38.1 wrap | 3 | 2000 |
| FSA-334C1-1WH | 2.75 x 1.1875 + 1.25 wrap | 69.8 x 30.1 + 31.7 wrap | 1 | 1000 |
| FSA-334C3-1WH | 2.75 x 1.1875 + 1.25 wrap | 69.8 x 30.1 + 31.7 wrap | 3 | 1000 |
| FSA-332C1-1WH | 2.75 x 1 + 1.25 wrap | 69.8 x 25.4 + 31.7 wrap | 1 | 1000 |
| FSA-332C3-1WH | 2.75 x 1 + 1.25 wrap | 69.8 x 25.4 + 31.7 wrap | 3 | 1000 |
| L2FS-3C1-1WH | 3 x 0.55 | 76.2 x 13.9 | 1 | 1000 |
| L2FS-3C3-1WH | 3 x 0.55 | 76.2 x 13.9 | 3 | 1000 |



Transparent Labels

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels/ Roll |
|-------------------|----------------|--------------|-----------|--------------|
| AHA-268NOTC1-2 | 1.75 x 0.75 | 44.5 x 19.1 | 1 | 2000 |
| AHA-268NOTC3-4 | 1.75 x 0.75 | 44.5 x 19.1 | 3 | 4000 |
| AHA-224NOTC1-2 | 1.75 x 1 | 44.5 x 25.4 | 1 | 2000 |
| AHA-224NOTC3-2 | 1.75 x 1 | 44.5 x 25.4 | 3 | 2000 |
| AHA-501NOTC1-0.25 | 3 x 4.75 | 76.2 x 120.7 | 1 | 250 |
| AHA-501NOTC3-0.5 | 3 x 4.75 | 76.2 x 120.7 | 3 | 500 |



Blackout Labels

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels/ Roll |
|-----------------|----------------------|--------------------|-----------|--------------|
| AEA-5NOTC1-1WH | 0.875 x 1.125 + 0.75 | 22.2 x 28.6 + 19.1 | 1 | 1000 |
| AEA-5NOTC3-1WH | 0.875 x 1.125 + 0.75 | 22.2 x 28.6 + 19.1 | 3 | 1000 |
| AEA-2NOTC1-1WH | 0.875 x 1.375 + 0.75 | 22.2 x 34.9 + 19.1 | 1 | 1000 |
| AEA-2NOTC3-1WH | 0.875 x 1.375 + 0.75 | 22.2 x 34.9 + 19.1 | 3 | 1000 |
| AEA-1C1-1WH* | 1.57 x 0.75 + 0.93 | 39.9 x 19.1 + 23.6 | 1 | 1000 |
| AEA-1C3-2WH* | 1.57 x 0.75 + 0.93 | 39.9 x 19.1 + 23.6 | 3 | 2000 |
| AEA-7C1-1WH | 1.57 x 0.75 + 0.93 | 39.9 x 19.1 + 23.6 | 1 | 1000 |
| AEA-7C3-2WH | 1.57 x 0.75 + 0.93 | 39.9 x 19.1 + 23.6 | 3 | 2000 |
| L2FC-5C1-1WH | 1.625 x 2 | 41.3 x 50.8 | 1 | 1000 |
| L2FC-5C3-1WH | 1.625 x 2 | 41.3 x 50.8 | 3 | 1000 |
| AEA-4C1-1WH | 2 x 0.875 + 0.375 | 50.8 x 22.2 + 9.5 | 1 | 1000 |
| AEA-4C3-1WH | 2 x 0.875 + 0.375 | 50.8 x 22.2 + 9.5 | 3 | 1000 |
| AEA-3C1-1WH | 2 x 1 + 0.5 | 50.8 x 25.4 + 12.7 | 1 | 1000 |
| AEA-3C3-1WH | 2 x 1 + 0.5 | 50.8 x 25.4 + 12.7 | 3 | 1000 |
| L2FC-7C1-1WH | 2.5 x 1.5 | 63.5 x 38.1 | 1 | 1000 |
| L2FC-7C3-1WH | 2.5 x 1.5 | 63.5 x 38.1 | 3 | 1000 |
| AEA-6C1-1WH | 2.75 x 1 + 1.25 | 69.9 x 25.4 + 31.8 | 1 | 1000 |
| AEA-6C3-1WH | 2.75 x 1 + 1.25 | 69.9 x 25.4 + 31.8 | 3 | 1000 |
| L2FC-11C1-1WH | 3 x 1.25 | 76.2 x 31.8 | 1 | 1000 |
| L2FC-11C3-1WH | 3 x 1.25 | 76.2 x 31.8 | 3 | 1000 |
| L2FC-8C1-0.25WH | 3.5 x 4 | 88.9 x 101.6 | 1 | 250 |
| L2FC-8C3-0.5WH | 3.5 x 4 | 88.9 x 101.6 | 3 | 500 |
| L2FC-9C1-0.25WH | 3.5 x 5 | 88.9 x 127 | 1 | 250 |
| L2FC-9C3-0.5WH | 3.5 x 5 | 88.9 x 127 | 3 | 500 |



* Black frame with 1" x 0.5" / 25.4mm x 12.7mm printable area

MetalTAG™ Cryogenic Labels for Metal Surfaces

MetalTAG™ labels withstand extreme cryogenic temperatures while adhering to metal surfaces. Resistant to liquid and vapor phase liquid nitrogen and deep freezers, these labels will adhere to surfaces such as metal racks, aluminum cassettes, and metal sleeves. For thermal-transfer printers. Recommended for use with XAR-class ribbons. Temperature range: -196°C to 100°C.



| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels/Roll | Colors Available |
|-----------------|--------------------------|--------------------------|-----------|-------------|--|
| AWA-236C1-4WH | 0.31 x 0.5 | 7.9 x 12.7 | 1 | 4000 | WH |
| AWA-236C3-8WH | 0.31 x 0.5 | 7.9 x 12.7 | 3 | 8000 | WH |
| AWA-52NOTC1-2WH | 0.94 x 0.5 + 0.437 round | 23.9 x 12.7 + 11.1 round | 1 | 2000 | WH |
| AWA-52NOTC3-4WH | 0.94 x 0.5 + 0.437 round | 23.9 x 12.7 + 11.1 round | 3 | 4000 | WH |
| AWA-4C1-1WH | 1 x 0.75 | 25.4 x 19.1 | 1 | 1000 | WH |
| AWA-4C3-4WH | 1 x 0.75 | 25.4 x 19.1 | 3 | 4000 | WH |
| AWA-29C1-2WH | 1 x 1 | 25.4 x 25.4 | 1 | 2000 | WH |
| AWA-29C3-2WH | 1 x 1 | 25.4 x 25.4 | 3 | 2000 | WH |
| AWA-94C1-0.5WH | 1 x 2 | 25.4 x 50.8 | 1 | 500 | WH |
| AWA-94C3-2WH | 1 x 2 | 25.4 x 50.8 | 3 | 2000 | WH |
| AWA-48NPC1-1WH | 1.5 x 2.5 | 38.1 x 63.5 | 1 | 1000 | WH |
| AWA-48NPC3-1WH | 1.5 x 2.5 | 38.1 x 63.5 | 3 | 1000 | WH |
| AWA-232C1-2WH | 1.625 x 0.625 | 41.3 x 15.9 | 1 | 2000 | WH |
| AWA-232C3-4WH | 1.625 x 0.625 | 41.3 x 15.9 | 3 | 4000 | WH |
| AWA-38C1-2WH | 1.75 x 0.5 | 44.5 x 12.7 | 1 | 2000 | WH |
| AWA-38C3-6WH | 1.75 x 0.5 | 44.5 x 12.7 | 3 | 6000 | WH |
| AWA-24C1-2WH | 1.75 x 1 | 44.5 x 25.4 | 1 | 2000 | WH |
| AWA-24C3-2WH | 1.75 x 1 | 44.5 x 25.4 | 3 | 2000 | WH |
| AWA-28C1-1 | 2 x 1 | 50.8 x 25.4 | 1 | 1000 | WH, BE, LYE, LMT, LBL, LPI, OR, RE, VI, BR |
| AWA-28C3-1 | 2 x 1 | 50.8 x 25.4 | 3 | 1000 | WH, BE, LYE, LMT, LBL, LPI, OR, RE, VI, BR |
| AWC-28NOTC1-1 | 2 x 1 | 50.8 x 25.4 | 1 | 1000 | CLEAR |
| AWC-28NOTC3-3 | 2 x 1 | 50.8 x 25.4 | 3 | 3000 | CLEAR |
| AWA-36C1-1WH | 3 x 1 | 76.2 x 25.4 | 1 | 1000 | WH |
| AWA-36C3-1WH | 3 x 1 | 76.2 x 25.4 | 3 | 1000 | WH |
| AWA-56C1-1 | 3 x 2 | 76.2 x 50.8 | 1 | 1000 | WH, GA |
| AWA-56C3-1 | 3 x 2 | 76.2 x 50.8 | 3 | 1000 | WH, GA |
| AWA-122C1-0.3WH | 4 x 4 | 101.6 x 101.6 | 1 | 300 | WH |
| AWA-122C3-0.5WH | 4 x 4 | 101.6 x 101.6 | 3 | 500 | WH |

| Color | Symbol |
|--------------|--------|
| White | WH |
| Beige | BE |
| Green Apple | GA |
| Orange | OR |
| Mocha | BR |
| Red | RE |
| Violet | VI |
| Light Yellow | LYE |
| Light Mint | LMT |
| Light Pink | LPI |
| Light Blue | LBL |



LABELS

Cryo-WrapTAG™ Wrap-Around Cryogenic Labels



Cryo-WrapTAG™ labels feature a clear wrap-around that self-laminates the printed portion. Designed to withstand extreme cryogenic temperatures and to protect the print from harsh chemicals, abrasion and scratching. Resistant to alcohol, bleach, DMSO, and detergents. For thermal-transfer printers. Recommended for use with alcohol and smudge-proof (RR-class) ribbons. Available for temperature range of -196°C to 100°C (cryogenic) or -196°C to 150°C (cryogenic and autoclave-resistant).

Cryogenic Labels—Temperature range: -196°C to 100°C



| Item No. | Inches (W x H) + Wrap | mm (W x H) + Wrap | Core (in) | Perforation | Labels/Roll |
|---------------------|-----------------------|--------------------|-----------|-------------|-------------|
| HBTT-337NPNOTC1-1WH | 0.59 x 1.06 + 1.38 | 15 x 26.9 + 35.1 | 1 | NO | 1000 |
| HBTT-337NPNOTC3-1WH | 0.59 x 1.06 + 1.38 | 15 x 26.9 + 35.1 | 3 | NO | 1000 |
| HBTT-338NPNOTC1-1WH | 0.59 x 1.06 + 0.59 | 15 x 26.9 + 15 | 1 | NO | 1000 |
| HBTT-338NPNOTC3-2WH | 0.59 x 1.06 + 0.59 | 15 x 26.9 + 15 | 3 | NO | 2000 |
| HBTT-344NOTC1-1WH | 0.866 x 0.866 + 0.866 | 22 x 22 + 22 | 1 | YES | 1000 |
| HBTT-344NOTC3-2WH | 0.866 x 0.866 + 0.866 | 22 x 22 + 22 | 3 | YES | 2000 |
| HBTT-311NOTC1-2WH | 1 x 0.625 + 1 | 25.4 x 15.9 + 25.4 | 1 | YES | 2000 |
| HBTT-311NOTC3-4WH | 1 x 0.625 + 1 | 25.4 x 15.9 + 25.4 | 3 | YES | 4000 |
| HBTT-312NOTC1-1WH | 1 x 0.625 + 1.375 | 25.4 x 15.9 + 34.9 | 1 | YES | 1000 |
| HBTT-312NOTC3-3WH | 1 x 0.625 + 1.375 | 25.4 x 15.9 + 34.9 | 3 | YES | 3000 |
| HBTT-322NOTC1-2WH | 1 x 0.75 + 1.75 | 25.4 x 19.1 + 44.5 | 1 | YES | 2000 |
| HBTT-322NOTC3-4WH | 1 x 0.75 + 1.75 | 25.4 x 19.1 + 44.5 | 3 | YES | 4000 |
| HBTT-342NPNOTC1-1WH | 1 x 1 + 1.625 | 25.4 x 25.4 + 41.3 | 1 | NO | 1000 |
| HBTT-342NPNOTC3-1WH | 1 x 1 + 1.625 | 25.4 x 25.4 + 41.3 | 3 | NO | 1000 |
| HBTT-317NOTC1-1WH | 1 x 1 + 1.72 | 25.4 x 25.4 + 43.7 | 1 | YES | 1000 |
| HBTT-317NOTC3-2WH | 1 x 1 + 1.72 | 25.4 x 25.4 + 43.7 | 1 | YES | 1000 |

Cryogenic and Autoclavable Labels—Temperature range: -196°C to 150°C

| Item No. | Inches (W x H) + Wrap | mm (W x H) + Wrap | Core (in) | Labels/Roll | Colors Available |
|-------------------|-----------------------|---------------------|-----------|-------------|------------------|
| CATT-318NOTC1-1WH | 1 x 0.25 + 0.75 | 25.4 x 12.7 + 19.05 | 1 | 1000 | WH |
| CATT-318NOTC3-2WH | 1 x 0.25 + 0.75 | 25.4 x 12.7 + 19.05 | 3 | 2000 | WH |
| CATT-312NOTC1-1WH | 1 x 0.625 + 1.375 | 25.4 x 15.9 + 35 | 1 | 1000 | WH |
| CATT-312NOTC3-2WH | 1 x 0.625 + 1.375 | 25.4 x 15.9 + 35 | 3 | 2000 | WH |
| CATT-311NOTC1-2WH | 1 x 0.625 + 1 | 25.4 x 15.9 + 25.4 | 1 | 2000 | WH |
| CATT-311NOTC3-4WH | 1 x 0.625 + 1 | 25.4 x 15.9 + 25.4 | 3 | 4000 | WH |
| CATT-321NOTC1-3 | 1 x 1.18 + 1.69 | 25.4 x 30 + 42.9 | 1 | 3000 | WH, YE, GA, PI |
| CATT-321NOTC3-3 | 1 x 1.18 + 1.69 | 25.4 x 30 + 42.9 | 3 | 3000 | WH, YE, GA, PI |
| CATT-319NOTC1-1 | 1.18 x 1 + 0.75 | 30 x 25.4 + 19 | 1 | 1000 | WH, YE, GA, PI |
| CATT-319NOTC3-1 | 1.18 x 1 + 0.75 | 30 x 25.4 + 19 | 3 | 1000 | WH, YE, GA, PI |
| CATT-303NOTC1-1WH | 1.125 x 1 + 1.595 | 28.6 x 25.4 + 40.5 | 1 | 1000 | WH |
| CATT-303NOTC3-1WH | 1.125 x 1 + 1.595 | 28.6 x 25.4 + 40.5 | 3 | 1000 | WH |
| CATT-308NOTC1-1WH | 1.34 x 1 + 1.38 | 34 x 25.4 + 35 | 1 | 1000 | WH |
| CATT-308NOTC3-1WH | 1.34 x 1 + 1.38 | 34 x 25.4 + 35 | 3 | 1000 | WH |



| Color | Symbol |
|-------------|--------|
| White | WH |
| Yellow | YE |
| Green Apple | GA |
| Pink | PI |

Cryo-StrawTAG™ Cryogenic Labels for IVF Straws

LABELS



Designed to meet the specialized needs of IVF facilities, Cryo-StrawTAG™ labels for IVF cryo-preservation straws feature a clear wrap-around that self-laminates the printed area protecting it from chemicals, abrasion, and scratching. For thermal-transfer printers. Recommended for use with alcohol and smudge-proof (RR-class) ribbons. Temperature range: -196°C to 80°C.



| Item No. | Straw Size (mL) | Inches (W x H) | mm (W x H) | Printable Area Inches (W x H) | Printable Area mm (W x H) | Core (in) | Labels/Roll | Colors Available |
|------------------------|-----------------|----------------|-------------|-------------------------------|---------------------------|-----------|-------------|------------------------|
| CST-29NPNOT0.25C1-1 | 0.25 | 1 x 1 | 25.4 x 25.4 | 1 x 0.25 | 25.4 x 6.35 | 1 | 1000 | WH, YE, BL, GA, PI, RE |
| CST-29NPNOT0.25C3-1 | 0.25 | 1 x 1 | 25.4 x 25.4 | 1 x 0.25 | 25.4 x 6.35 | 3 | 1000 | WH, YE, BL, GA, PI, RE |
| CST-79NPNOT0.25C1-1WH | 0.25 | 1.375 x 0.875 | 35 x 22.2 | 1.375 x 0.25 | 35 x 6.35 | 1 | 1000 | WH |
| CST-79NPNOT0.25C3-1WH | 0.25 | 1.375 x 0.875 | 35 x 22.2 | 1.375 x 0.25 | 35 x 6.35 | 3 | 1000 | WH |
| CSTA-24NPNOT0.25C1-1WH | 0.25 | 1.75 x 1 | 44.5 x 25.4 | 1.75 x 0.25 | 44.5 x 6.35 | 1 | 1000 | WH |
| CSTA-24NPNOT0.25C3-1WH | 0.25 | 1.75 x 1 | 44.5 x 25.4 | 1.75 x 0.25 | 44.5 x 6.35 | 3 | 1000 | WH |
| CST-28NPNOT0.25C1-1WH | 0.25 | 2 x 1 | 50.8 x 25.4 | 2 x 0.25 | 50.8 x 6.35 | 1 | 1000 | WH |
| CST-28NPNOT0.25C3-1WH | 0.25 | 2 x 1 | 50.8 x 25.4 | 2 x 0.25 | 50.8 x 6.35 | 3 | 1000 | WH |
| CST-29NPNOT0.5C1-1 | 0.5 | 1 x 1 | 25.4 x 25.4 | 1 x 0.375 | 25.4 x 9.35 | 1 | 1000 | WH, RE, PI |
| CST-29NPNOT0.5C3-1 | 0.5 | 1 x 1 | 25.4 x 25.4 | 1 x 0.375 | 25.4 x 9.35 | 3 | 1000 | WH, RE, PI |
| CST-79NPNOT0.5C1-1WH | 0.5 | 1.375 x 0.875 | 35 x 22.2 | 1.375 x 0.375 | 35 x 9.35 | 1 | 1000 | WH |
| CST-79NPNOT0.5C3-1WH | 0.5 | 1.375 x 0.875 | 35 x 22.2 | 1.375 x 0.375 | 35 x 9.35 | 3 | 1000 | WH |
| CSTA-24NPNOT0.5C1-1WH | 0.5 | 1.75 x 1 | 44.5 x 25.4 | 1.75 x 0.375 | 44.5 x 9.35 | 1 | 1000 | WH |
| CSTA-24NPNOT0.5C3-1WH | 0.5 | 1.75 x 1 | 44.5 x 25.4 | 1.75 x 0.375 | 44.5 x 9.35 | 3 | 1000 | WH |
| CST-28NPNOT0.5C1-1WH | 0.5 | 2 x 1 | 50.8 x 25.4 | 2 x 0.375 | 50.8 x 9.35 | 1 | 1000 | WH |
| CST-28NPNOT0.5C3-1WH | 0.5 | 2 x 1 | 50.8 x 25.4 | 2 x 0.375 | 50.8 x 9.35 | 3 | 1000 | WH |



| Color | Symbol |
|-------------|--------|
| White | WH |
| Yellow | YE |
| Green Apple | GA |
| Pink | PI |
| Blue | BL |
| Red | RE |

LABELS

Cryo C-KurTAG™ Tamper-Evident & Destructible Cryogenic Labels



Waterproof Cryo C-KurTAG™ labels are designed to tear with any attempt to remove them. Tamper-evident labels clearly indicate if a container has been opened or tampered with. Destructible labels feature an aggressive adhesive that cannot be removed without the label being destroyed. For thermal-transfer printers. Recommended for use with alcohol and smudge-proof ribbons (RR-class). Temperature range: -196°C to 110°C.

Tamper-Evident Labels

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels/ Roll |
|----------------|----------------|-------------|-----------|--------------|
| TELA-1NPC1-1WH | 0.75 x 1.8125 | 19.1 x 46 | 1 | 1000 |
| TELA-1NPC3-3WH | 0.75 x 1.8125 | 19.1 x 46 | 3 | 3000 |
| TELA-3NPC1-1WH | 1.5 round | 38.1 round | 1 | 1000 |
| TELA-3NPC3-1WH | 1.5 round | 38.1 round | 3 | 1000 |
| TELA-2C1-1WH | 2.75 x 2.125 | 69.9 x 54 | 1 | 1000 |
| TELA-2C3-1WH | 2.75 x 2.125 | 69.9 x 54 | 3 | 1000 |
| TELA-5C1-1WH | 3.81 x 1.375 | 96.8 x 34.9 | 1 | 1000 |
| TELA-5C3-1WH | 3.81 x 1.375 | 96.8 x 34.9 | 3 | 1000 |

Destructible Labels

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels/ Roll |
|----------------|----------------|-------------|-----------|--------------|
| CTDA-7C1-1WH | 1 x 0.5 | 25.4 x 12.7 | 1 | 1000 |
| CTDA-7C3-1WH | 1 x 0.5 | 25.4 x 12.7 | 3 | 1000 |
| CTDA-232C1-1WH | 1.625 x 0.625 | 41.3 x 15.9 | 1 | 1000 |
| CTDA-232C3-1WH | 1.625 x 0.625 | 41.3 x 15.9 | 3 | 1000 |
| CTDA-28C1-1WH | 2 x 1 | 50.8 x 25.4 | 1 | 1000 |
| CTDA-28C3-1WH | 2 x 1 | 50.8 x 25.4 | 3 | 1000 |
| CTDA-5C1-1WH | 2.5 x 1 | 63.5 x 25.4 | 1 | 1000 |
| CTDA-5C3-1WH | 2.5 x 1 | 63.5 x 25.4 | 3 | 1000 |



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Cryo-OmniTAG™ Transparent Cryogenic Labels

Waterproof, weatherproof, and tear-proof, Cryo-OmniTAG™ clear labels allow the contents of a container to be remain visible. Designed to withstand cryogenic temperatures, gamma irradiation, and multiple freeze-thaw cycles, these labels are available for either cryogenic or cryogenic and autoclave use. For thermal-transfer barcode printers. Recommended for use with alcohol and smudge-proof ribbons (RR-class). Temperature range: -196°C to 100°C (cryogenic) or -196°C to 150°C (cryogenic and autoclave-resistant).

Cryogenic—Temperature range: -196°C to 100°C

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Perforation | Labels/ Roll |
|-------------------|----------------|-------------|-----------|-------------|--------------|
| HBCL-254NOTC1-2 | 0.875 x 0.433 | 22.2 x 11 | 1 | YES | 2000 |
| HBCL-254NOTC3-4 | 0.875 x 0.433 | 22.2 x 11 | 3 | YES | 4000 |
| HBCL-7NPNOTC1-2 | 1 x 0.5 | 25.4 x 12.7 | 1 | NO | 2000 |
| HBCL-7NPNOTC3-2 | 1 x 0.5 | 25.4 x 12.7 | 3 | NO | 2000 |
| HBCL-240NOTC1-2.5 | 1.5 x 0.5 | 38.1 x 12.7 | 1 | YES | 2500 |
| HBCL-240NOTC3-2.5 | 1.5 x 0.5 | 38.1 x 12.7 | 3 | YES | 2500 |
| HBCL-107NOTC1-1 | 1.5 x 0.875 | 38.1 x 22.2 | 1 | YES | 1000 |
| HBCL-107NOTC3-1 | 1.5 x 0.875 | 38.1 x 22.2 | 3 | YES | 1000 |
| HBCL-242NOTC1-1 | 1.75 x 0.75 | 44.5 x 19.1 | 1 | YES | 1000 |
| HBCL-242NOTC3-3 | 1.75 x 0.75 | 44.5 x 19.1 | 3 | YES | 3000 |
| HBCL-227NOTC1-2 | 2 x 0.25 | 50.8 x 6.4 | 1 | YES | 2000 |
| HBCL-227NOTC3-5 | 2 x 0.25 | 50.8 x 6.4 | 3 | YES | 5000 |
| HBCL-28NOTC1-1 | 2 x 1 | 50.8 x 25.4 | 1 | YES | 1000 |
| HBCL-28NOTC3-1 | 2 x 1 | 50.8 x 25.4 | 3 | YES | 1000 |



Cryogenic and Autoclavable Temperature range: -196°C to 150°C

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels/ Roll |
|-----------------|--------------------------|--------------------------|-----------|--------------|
| GANA-52NOTC1-2 | 0.94 x 0.5 + 0.437 round | 23.9 x 12.7 + 11.1 round | 1 | 2000 |
| GANA-52NOTC3-2 | 0.94 x 0.5 + 0.437 round | 23.9 x 12.7 + 11.1 round | 3 | 2000 |
| GANA-158NOTC1-2 | 1.25 x 0.5 + 0.437 round | 31.8 x 12.7 + 11.1 round | 1 | 2000 |
| GANA-158NOTC3-2 | 1.25 x 0.5 + 0.437 round | 31.8 x 12.7 + 11.1 round | 3 | 2000 |
| GANA-9NOTC1-1 | 1.25 x 0.875 | 31.8 x 22.2 | 1 | 1000 |
| GANA-9NOTC3-2 | 1.25 x 0.875 | 31.8 x 22.2 | 3 | 2000 |
| GANA-19NOTC1-1 | 1.3 x 0.625 | 33 x 15.9 | 1 | 1000 |
| GANA-19NOTC3-2 | 1.3 x 0.625 | 33 x 15.9 | 3 | 2000 |
| GANA-10NOTC1-1 | 1.5 x 0.75 | 38.1 x 19.1 | 1 | 1000 |
| GANA-10NOTC3-2 | 1.5 x 0.75 | 38.1 x 19.1 | 3 | 2000 |
| GANA-107NOTC1-1 | 1.5 x 0.875 | 38 x 22.2 | 1 | 1000 |
| GANA-107NOTC3-3 | 1.5 x 0.875 | 38 x 22.2 | 3 | 3000 |
| GANA-28NOTC1-1 | 2 x 1 | 50.8 x 25.4 | 1 | 1000 |
| GANA-28NOTC3-2 | 2 x 1 | 50.8 x 25.4 | 3 | 2000 |
| GANA-210NOTC1-1 | 2.72 x 1 | 69 x 25.4 | 1 | 1000 |
| GANA-210NOTC3-1 | 2.72 x 1 | 69 x 25.4 | 3 | 1000 |

LABELS

Cryo-DirectTAG™ Direct Thermal Cryogenic Labels

Compatible with direct thermal printers, Cryo-DirectTAG™ labels have a permanent adhesive designed to adhere to glass and plastic surfaces. These waterproof labels tolerate most cryogenic storage systems and will withstand multiple freeze-thaw cycles without cracking or peeling. For direct thermal printers. Temperature range: -196°C to 70°C.

| Color | Symbol |
|-------------|--------|
| White | WH |
| Green Apple | GA |
| Blue | BL |
| Violet | VI |



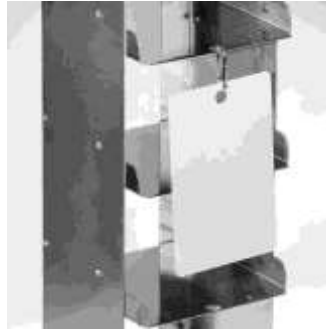
| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels Across | Labels/Roll | Available Colors |
|-----------------|----------------|-------------|-----------|---------------|-------------|------------------|
| DFP-204C1-2WH | 0.47 x 0.47 | 11.9 x 11.9 | 1 | 1 | 2000 | WH |
| DFP-204C3-2WH | 0.47 x 0.47 | 11.9 x 11.9 | 3 | 1 | 2000 | WH |
| DFP-177C1-1WH | 0.75 x 1.5 | 19 x 38 | 1 | 1 | 1000 | WH |
| DFP-177C3-3WH | 0.75 x 1.5 | 19 x 38 | 3 | 1 | 3000 | WH |
| DFP-95C1-8WH | 0.875 x 0.875 | 22.2 x 22.2 | 1 | 4 | 8000 | WH |
| DFP-95C3-8WH | 0.875 x 0.875 | 22.2 x 22.2 | 3 | 4 | 8000 | WH |
| DFP-116C1-6WH | 1 x 0.27 | 25.4 x 6.9 | 1 | 2 | 6000 | WH |
| DFP-116C3-6WH | 1 x 0.27 | 25.4 x 6.9 | 3 | 2 | 6000 | WH |
| DFP-7C1-1WH | 1 x 0.5 | 25.4 x 12.7 | 1 | 1 | 1000 | WH |
| DFP-7C3-1WH | 1 x 0.5 | 25.4 x 12.7 | 3 | 1 | 1000 | WH |
| DFP-4C1-1WH | 1 x 0.75 | 25.4 x 19.1 | 1 | 1 | 1000 | WH |
| DFP-4C3-5WH | 1 x 0.75 | 25.4 x 19.1 | 3 | 1 | 5000 | WH |
| DFP-29C1-1WH | 1 x 1 | 25.4 x 25.4 | 1 | 1 | 1000 | WH |
| DFP-29C3-1WH | 1 x 1 | 25.4 x 25.4 | 3 | 1 | 1000 | WH |
| DFP-25C1-1WH | 1 x 1.5 | 25.4 x 38.1 | 1 | 1 | 1000 | WH |
| DFP-25C3-2WH | 1 x 1.5 | 25.4 x 38.1 | 3 | 1 | 2000 | WH |
| DFP-57C1-2WH | 1.125 x 1.75 | 28.6 x 19.1 | 1 | 1 | 2000 | WH |
| DFP-57C3-2WH | 1.125 x 1.75 | 28.6 x 19.1 | 3 | 1 | 2000 | WH |
| DFP-257C1-3WH | 1.125 x 1.125 | 29 x 29 | 1 | 3 | 3000 | WH |
| DFP-257C3-7.5WH | 1.125 x 1.125 | 29 x 29 | 3 | 3 | 7500 | WH |
| DFP-18C1-2WH | 1.25 x 0.5 | 31.8 x 12.7 | 1 | 1 | 2000 | WH |
| DFP-18C3-2WH | 1.25 x 0.5 | 31.8 x 12.7 | 3 | 1 | 2000 | WH |
| DFP-9C1-1WH | 1.25 x 0.875 | 31.8 x 22.2 | 1 | 1 | 1000 | WH |
| DFP-9C3-1WH | 1.25 x 0.875 | 31.8 x 22.2 | 3 | 1 | 1000 | WH |
| DFP-271C1-3WH | 1.25 x 1.25 | 31.8 x 31.8 | 1 | 3 | 3000 | WH |
| DFP-271C3-6WH | 1.25 x 1.25 | 31.8 x 31.8 | 3 | 3 | 6000 | WH |
| DFP-97C1-1WH | 1.28 x 0.625 | 32.5 x 15.9 | 1 | 1 | 1000 | WH |
| DFP-97C3-1WH | 1.28 x 0.625 | 32.5 x 15.9 | 3 | 1 | 1000 | WH |
| DFP-6C1-1WH | 1.375 x 0.5 | 34.9 x 12.7 | 1 | 1 | 1000 | WH |
| DFP-6C3-3WH | 1.375 x 0.5 | 34.9 x 12.7 | 3 | 1 | 3000 | WH |
| DFP-504C1-1WH | 1.5 x 1 | 38.1 x 25.4 | 1 | 1 | 1000 | WH |
| DFP-504C3-3WH | 1.5 x 1 | 38.1 x 25.4 | 3 | 1 | 3000 | WH |
| DFP-202NPC1-1WH | 1.5 round | 38.1 round | 1 | 1 | 1000 | WH |
| DFPC-202NPC1-1 | 1.5 round | 38.1 round | 1 | 1 | 1000 | GA, BL, VI |
| DFP-202NPC3-1WH | 1.5 round | 38.1 round | 3 | 1 | 1000 | WH |
| DFPC-202NPC3-1 | 1.5 round | 38.1 round | 3 | 1 | 1000 | GA, BL, VI |
| DFP-28C1-1WH | 2 x 1 | 50.8 x 25.4 | 1 | 1 | 1000 | WH |
| DFPC-28C1-1 | 2 x 1 | 50.8 x 25.4 | 1 | 1 | 1000 | GA, BL |
| DFP-28C3-2WH | 2 x 1 | 50.8 x 25.4 | 3 | 1 | 2000 | WH |
| DFPC-28C3-2 | 2 x 1 | 50.8 x 25.4 | 3 | 1 | 2000 | GA, BL |

Cryo-ID-Kit™ Cryogenic Tags for Metal Racks

Designed for use in extreme cryogenic temperatures, Cryo-ID-Kit™ tags are hung from metal racks, resistant to liquid or vapor phase liquid nitrogen.

FEATURES:

- Designed to hang from metal racks
- Temperature range: -196°C to 80°C
- Kit includes 12 plastic Cryo-Cards with connection hooks and thermal-transfer (NitroTAG™) cryogenic labels



LABELS

| Color | Symbol |
|--------|--------|
| White | WH |
| Yellow | YE |
| Pink | PI |
| Blue | BL |
| Green | GG |
| Purple | PU |
| Orange | OR |
| Mint | MT |
| Gold | GD |
| Red | RE |

| Item No. | Inches (W x H) | mm (W x H) | Tags/Pack | Colors/Pack |
|----------|----------------|-------------|-----------|------------------------------------|
| CID-01WH | 3.39 x 2.13 | 86.1 x 54.1 | 12 | WH |
| CID-02WH | 2.13 x 1.18 | 54.1 x 30 | 12 | WH |
| CID-02YE | 2.13 x 1.18 | 54.1 x 30 | 12 | YE |
| CID-02A | 2.13 x 1.18 | 54.1 x 30 | 12 | PI, BL, YE |
| CID-02A2 | 2.13 x 1.18 | 54.1 x 30 | 12 | PU, GG, OR |
| CID-02A3 | 2.13 x 1.18 | 54.1 x 30 | 12 | PI, BL, YE, PU, GG, OR |
| CID-02A4 | 2.13 x 1.18 | 54.1 x 30 | 12 | MT, GD, RE |
| CID-02A5 | 2.13 x 1.18 | 54.1 x 30 | 18 | PI, BL, YE, PU, GG, OR, MT, GD, RE |



CID-02YE



PCR-TAG™ Deep Freeze Labels for High-Profile PCR Tube Strips

Specifically designed for high-profile 8-well PCR tube strips, PCR-TAG™ permanent labels have perforations for easy application to the tubes. Safe for use in thermocyclers and low-temperature freezers. For thermal-transfer printers. Recommended for use with alcohol and smudge-proof (RR-class) ribbons. Temperature range: -80°C to 100°C.



| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels/Roll | Colors Available |
|----------------|----------------|------------|-----------|-------------|------------------|
| FJT-269C1-2 | 3 x 0.25 | 76.2 x 6.4 | 1 | 2000 | WH, LYE, LMT, A |
| FJT-269C3-4 | 3 x 0.25 | 76.2 x 6.4 | 3 | 4000 | WH, LYE, LMT, A |
| AYA-269NOTC1-2 | 3 x 0.25 | 76.2 x 6.4 | 1 | 2000 | Transparent |
| AYA-269NOTC3-4 | 3 x 0.25 | 76.2 x 6.4 | 3 | 4000 | Transparent |

| Color | Symbol |
|--------------|--------|
| White | WH |
| Light Yellow | LYE |
| Light Mint | LMT |
| Assorted | A |



LABELS

FreezerTAG™ Deep Freeze Labels

FreezerTAG™ waterproof labels are designed to withstand ultra-low and high temperatures, wet, humid conditions, and gamma irradiation sterilization. For thermal-transfer printers. Recommended for use with alcohol and smudge-proof (RR-class) ribbons. Permanent, removable or permanent blackout.



Permanent Adhesive

A thermoplastic film with a permanent adhesive, these labels adhere to wet surfaces and are resistant to alcohols. Temperature range: -80°C to 110°C.

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels Across | Labels/Roll | Colors Available |
|---------------|--------------------------|--------------------------|-----------|---------------|-------------|--------------------------------|
| FJT-52NOTC1-2 | 0.94 x 0.5 + 0.437 round | 23.9 x 12.7 + 11.1 round | 1 | 1 | 2000 | WH, YE, GA, PI, LA, BL, OR, RE |
| FJT-52NOTC3-4 | 0.94 x 0.5 + 0.437 round | 23.9 x 12.7 + 11.1 round | 3 | 1 | 4000 | WH, YE, GA, PI, LA, BL, OR, RE |
| FJT-7C1-1 | 1 x 0.5 | 25.4 x 12.7 | 1 | 1 | 1000 | WH, SI, YE, LE, GA, PI, BL, RE |
| FJT-7C3-5 | 1 x 0.5 | 25.4 x 12.7 | 3 | 1 | 5000 | WH, SI, YE, LE, GA, PI, BL, RE |
| FJT-29C1-1 | 1 x 1 | 25.4 x 25.4 | 1 | 1 | 1000 | WH, YE, GA, PI, BL, RE |
| FJT-29C3-3 | 1 x 1 | 25.4 x 25.4 | 3 | 1 | 3000 | WH, YE, GA, PI, BL, RE |
| FJT-225C1-3WH | 1 x 0.375 | 25.4 x 9.5 | 1 | 1 | 3000 | WH |
| FJT-225C3-6WH | 1 x 0.375 | 25.4 x 9.5 | 3 | 1 | 6000 | WH |
| FJT-2C1-1WH | 1.125 x 0.75 | 28.6 x 19.1 | 1 | 2 | 1000 | WH |
| FJT-2C3-4WH | 1.125 x 0.75 | 28.6 x 19.1 | 3 | 2 | 4000 | WH |
| FJT-18C1-2WH | 1.25 x 0.5 | 31.8 x 12.7 | 1 | 1 | 2000 | WH |
| FJT-18C3-2WH | 1.25 x 0.5 | 31.8 x 12.7 | 3 | 1 | 2000 | WH |
| FJT-158C1-2WH | 1.25 x 0.5 + 0.437 round | 31.8 x 12.7 + 11.1 round | 1 | 1 | 2000 | WH |
| FJT-158C3-4WH | 1.25 x 0.5 + 0.437 round | 31.8 x 12.7 + 11.1 round | 3 | 1 | 4000 | WH |
| FJT-169C1-4WH | 1.25 x 0.25 | 31.8 x 6.4 | 1 | 1 | 4000 | WH |
| FJT-169C3-8WH | 1.25 x 0.25 | 31.8 x 6.4 | 3 | 1 | 8000 | WH |
| FJT-97C1-1WH | 1.28 x 0.625 | 32.5 x 15.9 | 1 | 1 | 1000 | WH |
| FJT-97C3-2WH | 1.28 x 0.625 | 32.5 x 15.9 | 3 | 1 | 2000 | WH |
| FJT-240C1-1WH | 1.5 x 0.5 | 38.1 x 12.7 | 1 | 1 | 1000 | WH |
| FJT-240C3-3WH | 1.5 x 0.5 | 38.1 x 12.7 | 3 | 1 | 3000 | WH |

| Color | Symbol |
|-------------|--------|
| White | WH |
| Black | BK |
| Silver | SI |
| Yellow | YE |
| Lemon | LE |
| Green Apple | GA |
| Pink | PI |
| Lavender | LA |
| Blue | BL |
| Orange | OR |
| Mocha | BR |
| Red | RE |
| Light Blue | LBL |

Permanent Adhesive (continued)

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels Across | Labels/ Roll | Colors Available | Color | Sym- bol |
|---------------|----------------|--------------|-----------|---------------|--------------|--|------------|----------|
| FJT-30C1-2WH | 1.5 x 0.75 | 38.1 x 19.1 | 1 | 2 | 2000 | WH | | |
| FJT-30C3-4WH | 1.5 x 0.75 | 38.1 x 19.1 | 3 | 2 | 4000 | WH | | |
| FJT-242C1-1WH | 1.75 x 0.75 | 44.5 x 19.1 | 1 | 1 | 1000 | WH | | |
| FJT-242C3-3WH | 1.75 x 0.75 | 44.5 x 19.1 | 3 | 1 | 3000 | WH | | |
| FJT-28C1-2 | 2 x 1 | 50.8 x 25.4 | 1 | 1 | 2000 | WH, SI, YE, GA, PI, LA, BL, OR, BR, RE, BK | White | WH |
| FJT-28C3-2 | 2 x 1 | 50.8 x 25.4 | 3 | 1 | 2000 | WH, SI, YE, GA, PI, LA, BL, OR, BR, RE, BK | Black | BK |
| FJT-27C1-1WH | 2 x 2 | 50.8 x 50.8 | 1 | 1 | 1000 | WH | Silver | SI |
| FJT-27C3-3WH | 2 x 2 | 50.8 x 50.8 | 3 | 1 | 3000 | WH | Yellow | YE |
| FJT-179C1-1WH | 2.75 x 1.25 | 69.9 x 31.8 | 1 | 1 | 1000 | WH | Lemon | LE |
| FJT-179C3-4WH | 2.75 x 1.25 | 69.9 x 31.8 | 3 | 1 | 4000 | WH | Green | GA |
| FJT-35C1-1WH | 2.75 x 1.625 | 69.9 x 41.3 | 1 | 1 | 1000 | WH | Apple | |
| FJT-35C3-2WH | 2.75 x 1.625 | 69.9 x 41.3 | 3 | 1 | 2000 | WH | Pink | PI |
| FJT-36C1-1 | 3 x 1 | 76.2 x 25.4 | 1 | 1 | 1000 | WH, SI, YE, GA, PI, LA, BL, OR, BR, RE | Lavender | LA |
| FJT-36C3-1 | 3 x 1 | 76.2 x 25.4 | 3 | 1 | 1000 | WH, SI, YE, GA, PI, LA, BL, OR, BR, RE | Blue | BL |
| FJT-42C1-1 | 4 x 0.5 | 101.6 x 12.7 | 1 | 1 | 1000 | WH, GA, LBL | Orange | OR |
| FJT-42C3-3 | 4 x 0.5 | 101.6 x 12.7 | 3 | 1 | 3000 | WH, GA, LBL | Mocha | BR |
| | | | | | | | Red | RE |
| | | | | | | | Light Blue | LBL |



Removable Labels

Removable, glove-friendly adhesive leaves no residue. Temperature range: -80°C to 120°C.

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels/ Roll |
|---------------|----------------|-------------|-----------|--------------|
| RMTT-7C1-1WH | 1 x 0.5 | 25.4 x 12.7 | 1 | 1000 |
| RMTT-7C3-3WH | 1 x 0.5 | 25.4 x 12.7 | 3 | 3000 |
| RMTT-4C1-1WH | 1 x 0.75 | 25.4 x 19.1 | 1 | 1000 |
| RMTT-4C3-5WH | 1 x 0.75 | 25.4 x 19.1 | 3 | 5000 |
| RMTT-29C1-2WH | 1 x 1 | 25.4 x 25.4 | 1 | 2000 |
| RMTT-29C3-2WH | 1 x 1 | 25.4 x 25.4 | 3 | 2000 |
| RMTT-97C1-1WH | 1.28 x 0.625 | 32.5 x 15.9 | 1 | 1000 |
| RMTT-97C3-1WH | 1.28 x 0.625 | 32.5 x 15.9 | 3 | 1000 |
| RMTT-38C1-2WH | 1.75 x 0.5 | 44.5 x 12.7 | 1 | 2000 |
| RMTT-38C3-6WH | 1.75 x 0.5 | 44.5 x 12.7 | 3 | 6000 |
| RMTT-28C1-1WH | 2 x 1 | 50.8 x 25.4 | 1 | 1000 |
| RMTT-28C3-1WH | 2 x 1 | 50.8 x 25.4 | 3 | 1000 |

Blackout Permanent Labels

Permanent adhesive on a blackout label conceals pre-existing print. Temperature range: -80°C to 100°C.

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels/ Roll |
|----------------|----------------|-------------|-----------|--------------|
| BOC-7C1-1WH | 1 x 0.5 | 25.4 x 12.7 | 1 | 1000 |
| BOC-7C3-5WH | 1 x 0.5 | 25.4 x 12.7 | 3 | 5000 |
| BOC-97C1-1WH | 1.28 x 0.625 | 32.5 x 15.9 | 1 | 1000 |
| BOC-97C3-2WH | 1.28 x 0.625 | 32.5 x 15.9 | 3 | 2000 |
| BOC-243C1-1WH | 1.4 x 1 | 35.6 x 25.4 | 1 | 1000 |
| BOC-243C3-2WH | 1.4 x 1 | 35.6 x 25.4 | 3 | 2000 |
| BOC-28C1-1WH | 2 x 1 | 50.8 x 25.4 | 1 | 1000 |
| BOC-28C3-2WH | 2 x 1 | 50.8 x 25.4 | 3 | 2000 |
| BOC-27C1-0.5WH | 2 x 2 | 50.8 x 50.8 | 1 | 500 |
| BOC-27C3-1WH | 2 x 2 | 50.8 x 50.8 | 3 | 1000 |

LABELS

CryoRFID™ Labels for Deep Freeze

CryoRFID™ labels solve the problem of line-of-sight scanning. These radio frequency identification (RFID) labels with a flexible UHF inlay can encode up to 32 hexadecimal characters of information for reading with an RF scanner. Resistant to alcohol spray and swabbing when printed with smudge-proof RR-class ribbons. For thermal-transfer printers. Recommended for use with alcohol and smudge-proof (RR-class) ribbons.

Temperature range:
-80°C to 110°C.



| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels/Roll |
|-----------------|----------------|------------|-----------|-------------|
| CRF-510NPC1-1WH | 1.378 x 0.866 | 35 x 22 | 1 | 1000 |
| CRF-510NPC3-1WH | 1.378 x 0.866 | 35 x 22 | 3 | 1000 |

RFID-PlateTAG™ Plate Labels for Deep Freeze



Line-of-sight is not necessary with CryoRFID™ labels and the proper scanner. Designed for plates, including PCR and qPCR, microplates, and cell culture plates, these RFID labels with a flexible UHF inlay can encode up to 32 hexadecimal characters of information. Resistant to alcohol spray and swabbing when printed with smudge-proof RR-class ribbons. For thermal-transfer printers. Recommended for use with alcohol and smudge-proof (RR-class) ribbons. Temperature range: -80°C to 110°C.



| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels/Roll |
|------------------|----------------|------------|-----------|-------------|
| RFP-550NPC1-.5WH | 2.5 x 0.24 | 64 x 6 | 1 | 500 |
| RFP-550NPC3-1WH | 2.5 x 0.24 | 64 x 6 | 3 | 1000 |

Plate-TAG™ Deep Freeze Labels for Microplates

Plate-TAG™ removable labels are designed to retain their shape for easy application to surfaces such as PCR plates, multi-well plates, or Petri dishes. Waterproof, glove-friendly, and repositionable, they can be removed without leaving a residue. For thermal-transfer printers. Recommended for use with alcohol and smudge-proof (RR-class) ribbons. Temperature range: -80°C to 72°C.

| Item No. | Inches (W x H) | mm (W x H) | Core (in) | Labels/Roll |
|------------------|----------------|------------|-----------|-------------|
| AMA-227NPC1-4WH | 2 x 0.25 | 50.8 x 6.4 | 1 | 4000 |
| AMA-227NPC3-10WH | 2 x 0.25 | 50.8 x 6.4 | 3 | 10000 |
| AMA-223C1-2WH | 2 x 0.275 | 50.8 x 7 | 1 | 2000 |
| AMA-223C3-4WH | 2 x 0.275 | 50.8 x 7 | 3 | 4000 |
| AMA-11C1-2WH | 2.64 x 0.27 | 67.1 x 6.9 | 1 | 2000 |
| AMA-11C3-4WH | 2.64 x 0.27 | 67.1 x 6.9 | 3 | 4000 |



CryoSTUCK® Cryogenic Tape

TAPE

CryoSTUCK® cryogenic tape is designed to stick to frozen objects even in the presence of ice or frost. Writable and resistant to vapor-phase and liquid nitrogen. Temperature range: -196°C to 110°C.

| Item No. | Size W(in) x L(ft) | Size W(mm) x L(m) | Core (in) | Available Colors |
|-------------|--------------------|-------------------|-----------|------------------------|
| TFS-13C1-50 | 0.5 x 50 | 13 x 15 | 1 | WH, YE, GA, BL, OR, RE |
| TFS-19C1-50 | 0.75 x 50 | 19 x 15 | 1 | WH, YE, GA, BL, OR, RE |
| TFS-25C1-50 | 1 x 50 | 25.4 x 15 | 1 | WH, YE, GA, BL, OR, RE |
| TAQ-13C1-50 | 0.5 x 50 | 13 x 15 | 1 | TR |
| TAQ-19C1-50 | 0.75 x 50 | 19 x 15 | 1 | TR |
| TAQ-25C1-50 | 1 x 50 | 25.4 x 15 | 1 | TR |



| Color | Symbol |
|-------------|--------|
| Transparent | TR |
| White | WH |
| Yellow | YE |
| Green Apple | GA |
| Green | GG |
| Blue | BL |
| Orange | OR |
| Red | RE |
| Pink | PI |
| Violet | VI |
| Silver | SI |



Cryo C-Kur™ Cryogenic Tamper-Evident & Destructible Tape

Cryo C-Kur™ cryogenic tape is designed to tear with any attempt to remove it from most surfaces. Tamper-evident tape clearly indicates if a container has been opened or tampered with. Destructible tape has an extra-strong adhesive that prevents it from being removed without it breaking. Temperature range: -196°C to 110°C.



Tamper-Evident Tape

| Item No. | Size W(in) x L(ft) | Size W(mm) x L(m) | Core (in) | Available Colors |
|--------------|--------------------|-------------------|-----------|----------------------------|
| TETA-22C1-50 | 0.875 x 50 | 22.2 x 15 | 1 | WH, SI, YE, GA, BL, OR, RE |

Destructible Tape

| Item No. | Size W(in) x L(ft) | Size W(mm) x L(m) | Core (in) | Available Colors |
|---------------|--------------------|-------------------|-----------|------------------|
| DST-13C1-50WH | 0.5 x 50 | 13 x 15 | 1 | WH |
| DST-19C1-50WH | 0.75 x 50 | 19 x 15 | 1 | WH |

TransluTAPE™ Translucent Color Freezer Tape

Translucent and ultra-thin, TransluTAPE™ writable freezer tape is perfect for sealing containers for long-term storage in ultra-low temperature freezers or for dry ice transportation. Temperature range: -80°C to 120°C.

| Item No. | Size W(in) x L(ft) | Size W(mm) x L(m) | Core (in) | Available Colors |
|----------|--------------------|-------------------|-----------|--------------------------------|
| FTP-13 | 0.5 x 180 | 13 x 55 | 3 | WH, YE, GG, BL, OR, RE, PI, VI |
| FTP-18 | 0.71 x 180 | 18 x 55 | 3 | WH, YE, GG, BL, OR, RE, PI, VI |
| FTP-24 | 0.94 x 180 | 24 x 55 | 3 | WH, YE, GG, BL, OR, RE, PI, VI |



TAPE



NitroTAPE™ Cryogenic Tape

NitroTAPE™ waterproof, writable tape is designed for use in deep freeze and cryogenic conditions. It adheres to wet surfaces and can be used in liquid or vapor phase liquid nitrogen. Temperature range: -196°C to 110°C.

| Item No. | Size W(in) x L(ft) | Size W(mm) x L(m) | Core (in) | Available Colors |
|--------------|--------------------|-------------------|-----------|------------------------|
| TJTA-13C1-50 | 0.5 x 50 | 13 x 15 | 1 | WH, YE, GA, BL, OR, RE |
| TJTA-19C1-50 | 0.75 x 50 | 19 x 15 | 1 | WH, YE, GA, BL, OR, RE |
| TJTA-25C1-50 | 1 x 50 | 25 x 15 | 1 | WH, YE, GA, BL, OR, RE |

MetaliTAPE™ Cryogenic Tape for Metal Racks

MetaliTAPE™ is designed to stick to metal surfaces in long-term deep freeze or cryogenic storage or for dry ice transportation. Temperature range: -196°C to 100°C.



| Item No. | Size W(in) x L(ft) | Size W(mm) x L(m) | Core (in) | Available Colors |
|-------------|--------------------|-------------------|-----------|------------------------|
| TWA-13C1-50 | 0.5 x 50 | 13 x 15 | 1 | WH, YE, GA, BL, OR, RE |
| TWA-19C1-50 | 0.75 x 50 | 19 x 15 | 1 | WH, YE, GA, BL, OR, RE |
| TWA-25C1-50 | 1 x 50 | 25 x 15 | 1 | WH, YE, GA, BL, OR, RE |

| Color | Symbol |
|-------------|--------|
| Transparent | TR |
| White | WH |
| Yellow | YE |
| Green Apple | GA |
| Green | GG |
| Blue | BL |
| Orange | OR |
| Red | RE |



Cryo-Laminate™ Cryogenic Lamination Tape

Cryo-Laminate™ ultra-thin cryogenic laminating tape adds a layer of protection against abrasion and long term liquid nitrogen storage. Temperature range: -196°C to 80°C.

| Item No. | Size W(in) x L(ft) | Size W(mm) x L(m) | Core (in) |
|---------------|--------------------|-------------------|-----------|
| CLAM-19C3-200 | 0.75 x 200 | 19 x 60 | 3 |
| CLAM-25C3-200 | 1 x 200 | 25 x 60 | 3 |
| CLAM-50C3-200 | 2 x 200 | 50.8 x 60 | 3 |

CryoHUG™ Adhesive-Free Cryogenic Seal Tape

Ideal for wrapping containers such as vials, plates, or bottles, CryoHUG™ adhesive-free, elastic tape bonds to itself. Perfect for wrapping containers after they've been sprayed with alcohol or other disinfectants. Temperature range: -196°C to 260°C.

| Item No. | Size W(in) x L(ft) | Size W(mm) x L(m) | Core (in) | Available Colors |
|-------------|--------------------|-------------------|-----------|----------------------------|
| THG-25C1-10 | 1 x 10 | 25 x 3 | 1 | TR, WH, YE, GG, BL, OR, RE |



Color Lab-TAPE™ General Use Laboratory Tape

Available in an assortment of colors, Color Lab-TAPE™ is perfect for color-coding and easy identification in the lab or office. Writable with permanent markers or ball-point pen. For use in ambient temperature conditions.

Standard Lab Tape

| Item No. | Size W(in) x L(ft) | Size W(mm) x L(m) | Core (in) | Available Colors |
|----------|--------------------|-------------------|-----------|--|
| PAT-13 | 0.5 x 180 | 13 x 55 | 3 | WH, YE, GA, BL, OR, RE, PI, GS, PU, GR |
| PAT-18 | 0.71 x 180 | 18 x 55 | 3 | WH, YE, GA, BL, OR, RE, PI, GS, PU, GR |
| PAT-24 | 0.94 x 180 | 24 x 55 | 3 | WH, YE, GA, BL, OR, RE, PI, GS, PU, GR |



TAPE

| Color | Symbol |
|---------------|--------|
| White | WH |
| Yellow | YE |
| Green | GG |
| Green Apple | GA |
| Green Seafoam | GS |
| Gray | GR |
| Blue | BL |
| Orange | OR |
| Red | RE |
| Pink | PI |
| Purple | PU |

Ultra Removable Lab Tape

Removable, glove-friendly adhesive can be removed from glass, metal, plastic, and wood surface with no residue. In eye-catching green.

| Item No. | Size W(in) x L(ft) | Size W(mm) x L(m) | Core (in) | Available Colors |
|----------|--------------------|-------------------|-----------|------------------|
| TUR-18 | 0.71 x 180 | 18 x 55 | 3 | GG |

TapePAL™ Tape Dispensers

Keep tape organized and the bench clear with TapePAL™ tape dispensers. Dispensers accommodate multiple rolls (up to 6) or just one.

| Item No. | Width (in) | Width (mm) |
|----------|------------|------------|
| TDSP-1 | 1 | 25.4 |
| TDMC-2 | 2 | 50.8 |
| TDMC-3 | 3 | 76.2 |
| TDSP-6 | 6 | 152.4 |



REFRIGERATORS & FREEZERS

Ultra-Low Temperature Freezers

Ultra-low temperature laboratory freezers are ideal for short or long-term storage of samples at temperatures as low as -85°C.

FEATURES:

- Battery-operated alarm system
- Automatic timer for restart in event of power failure
- Digital temperature control with tamper-proof lockout
- Energy-saving stage operates on demand
- CFC-free
- Heavy-gauge, cold-rolled steel outer shell with corrosion-resistant zinc-coated galvanized steel inner chamber

Ultra-Low Chest Freezers

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| C85-2 | -40 to -85 | 2 | 56 | 17 x 14 x 14 | 43 x 35 x 35 | 25 x 26 x 38.5 | 63 x 66 x 97 |
| C85-3 | -40 to -85 | 3 | 83 | 24 x 12 x 18 | 60.9 x 30.5 x 45.7 | 34.5 x 26 x 47 | 87.6 x 66 x 119.4 |
| C85-5 | -40 to -85 | 5 | 142 | 30 x 18 x 16 | 76.2 x 45.7 x 40.6 | 40.5 x 32 x 47 | 102.9 x 81.3 x 119.4 |
| C85-9 | -40 to -85 | 9 | 255 | 47 x 16 x 20 | 119.4 x 40.6 x 50.8 | 58 x 29.5 x 47 | 147.3 x 74.9 x 119.4 |
| C85-12 | -40 to -85 | 12 | 340 | 55 x 19 x 20 | 139.7 x 48.3 x 50.8 | 66 x 32.5 x 48 | 167.6 x 82.5 x 121.9 |
| C85-14 | -40 to -85 | 14 | 400 | 62 x 20 x 20 | 157.5 x 50.8 x 50.8 | 73 x 34 x 48 | 185.4 x 86.3 x 121.9 |
| C85-17 | -40 to -85 | 17 | 480 | 69 x 20 x 21 | 175.3 x 50.8 x 50.8 | 81 x 34.5 x 49 | 205.7 x 87.6 x 124.4 |
| C85-22 | -40 to -85 | 22 | 626 | 67 x 19 x 30 | 170.2 x 48.3 x 76.2 | 98 x 36 x 44 | 248.9 x 91.4 x 111.8 |
| C80-27 | -40 to -80 | 27 | 766 | 67 x 23 x 31 | 170.2 x 57.2 x 78.7 | 98 x 36 x 44 | 248.9 x 91.4 x 111.8 |



Ultra-Low Upright Freezers

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| U85-13 | -40 to -85 | 13 | 370 | 20 x 22 x 51.25 | 50.8 x 55.9 x 130 | 36 x 33.5 x 79.5 | 91.4 x 85.1 x 201.9 |
| U85-18 | -40 to -85 | 18 | 505 | 23 x 26 x 51.25 | 58.4 x 66.1 x 130 | 36.5 x 36.5 x 79.5 | 92.7 x 92.7 x 201.9 |
| U85-22 | -40 to -85 | 22 | 626 | 28.5 x 26 x 51.25 | 72.4 x 66.1 x 130 | 42 x 36.5 x 79.5 | 106.6 x 92.7 x 201.9 |
| U85-25 | -40 to -85 | 25 | 710 | 34 x 25 x 51.25 | 86.4 x 63.5 x 130 | 49.5 x 36.5 x 79.5 | 125.7 x 92.7 x 201.9 |
| U80-28 | -40 to -80 | 28 | 792 | 38 x 25 x 51.25 | 96.5 x 63.5 x 130 | 53 x 36.5 x 79.5 | 134.6 x 92.7 x 201.9 |
| U80-30 | -40 to -80 | 31 | 877 | 42 x 25 x 51.25 | 106 x 63 x 130 | 60.5 x 37 x 79.5 | 153 x 93 x 201 |

Dual Cascade Ultra-Low Upright Freezer

The dual cascade ultra-low freezer features two independent temperature controls and two independent electrical systems on two individual power grids with two power cords. If one system were to have a mechanical failure, the other system would continue to operate.



| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| U80-30D | -40 to -80 | 31 | 843 | 42 x 25 x 51.25 | 106.7 x 63.5 x 130 | 59.5 x 36.25 x 79.5 | 151.1 x 92 x 201.9 |

Platinum Series Ultra-Low Lab Freezers

Touch-screen controlled Platinum Series laboratory freezers come with an advanced PID control systems for worry-free storage of samples at temperatures as low as -85°C.

FEATURES:

- Multi-level security
- 4.3-inch color touch screen temperature control with battery backup
- Temperature graph and downloadable data
- VNC remote access
- Battery-operated alarm system
- SMS and email alarm notifications
- CFC and HCFC-free
- Hermetic compressors
- Heavy-gauge steel outer shell with corrosion-resistant zinc-coated galvanized steel inner chamber



Platinum Series Ultra-Low Chest Freezers

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| NC85-3 | -40 to -85 | 3 | 83 | 24 x 12 x 18 | 60.9 x 30.5 x 45.7 | 34.5 x 25.25 x 48 | 87 x 64 x 121 |
| NC85-5 | -40 to -85 | 5 | 142 | 30 x 18 x 16 | 76 x 46 x 40 | 40.5 x 31 x 47 | 102 x 81 x 119 |
| NC85-9 | -40 to -85 | 9 | 255 | 46 x 16 x 20 | 115 x 40 x 50 | 57.5 x 29 x 46.5 | 146 x 73 x 116 |
| NC85-12 | -40 to -85 | 12 | 340 | 55 x 19 x 20 | 139 x 48 x 50 | 65.5 x 32 x 47.5 | 166 x 81 x 120 |
| NC85-14 | -40 to -85 | 14 | 400 | 62 x 20 x 20 | 157 x 50 x 50 | 72.5 x 33 x 47.5 | 184 x 83 x 120 |
| NC85-17 | -40 to -85 | 17 | 480 | 69 x 20 x 21 | 175 x 50 x 53 | 81.25 x 35.5 x 48.5 | 206 x 85 x 123 |
| NC85-22 | -40 to -85 | 22 | 626 | 67 x 19 x 30 | 170 x 48 x 76 | 98 x 36 x 43.5 | 248 x 91 x 110 |
| NC80-27 | -40 to -80 | 27 | 766 | 67 x 23 x 31 | 170 x 57 x 79 | 98 x 36 x 43.5 | 248 x 91 x 110 |

Platinum Series Ultra-Low Upright Freezers

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| NU85-13 | -40 to -85 | 13 | 370 | 20 x 22 x 51.25 | 50 x 55 x 130 | 35 x 34.5 x 79.5 | 88 x 87 x 201 |
| NU85-18 | -40 to -85 | 18 | 505 | 23 x 26 x 51.25 | 58 x 66 x 130 | 40 x 36 x 79.5 | 101 x 91 x 200 |
| NU85-22 | -40 to -85 | 22 | 626 | 28.5 x 26 x 51.25 | 72 x 66 x 130 | 43 x 37 x 79.5 | 109 x 93 x 201 |
| NU85-25 | -40 to -85 | 25 | 710 | 34 x 25 x 51.25 | 86 x 63 x 130 | 50 x 37 x 79.5 | 127 x 93 x 201 |
| NU80-28 | -40 to -80 | 28 | 792 | 38 x 25 x 51.25 | 96 x 63 x 130 | 54 x 37 x 79.5 | 137 x 93 x 201 |
| NU80-30 | -40 to -80 | 31 | 877 | 42 x 25 x 51.25 | 106 x 63 x 130 | 60.5 x 37 x 79.5 | 153 x 93 x 201 |

REFRIGERATORS & FREEZERS

Lab Freezers

Durable laboratory freezers ideal for short or long-term storage of samples at temperatures as low as -40°C.

FEATURES:

- Battery-operated alarm system
- Automatic timer for restart in event of power failure
- Minimal frost and ice buildup
- Digital temperature control with tamper-proof lockout
- Energy-saving stage operates on demand
- CFC-free
- Hermetic compressor
- Quick pull-down to operating temperature
- Heavy-gauge steel outer shell with corrosion-resistant zinc-coated galvanized steel inner chamber



Chest Freezers

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| C40-3 | 0 to -40 | 3 | 83 | 24 x 12 x 18 | 60.9 x 30.5 x 45.7 | 34.5 x 26 x 47 | 87.6 x 66 x 119.4 |
| C40-5 | 0 to -40 | 5 | 142 | 30 x 18 x 16 | 76.2 x 45.7 x 40.6 | 40.5 x 32 x 47 | 102.9 x 81.3 x 119.4 |
| C40-9 | 0 to -40 | 9 | 255 | 47 x 16 x 20 | 119.4 x 40.6 x 50.8 | 58 x 29.5 x 47 | 147.3 x 74.9 x 119.4 |
| C40-12 | 0 to -40 | 12 | 340 | 55 x 19 x 20 | 139.7 x 48.3 x 50.8 | 66 x 32.5 x 48 | 167.6 x 82.5 x 121.9 |
| C40-14 | 0 to -40 | 14 | 400 | 62 x 20 x 20 | 157.5 x 50.8 x 50.8 | 73 x 34 x 48 | 185.4 x 86.3 x 121.9 |
| C40-17 | 0 to -40 | 17 | 480 | 69 x 20 x 21 | 175.3 x 50.8 x 50.8 | 81 x 34.5 x 49 | 205.7 x 87.6 x 124.4 |
| C40-22 | 0 to -40 | 22 | 626 | 67 x 19 x 30 | 170.2 x 48.3 x 76.2 | 98 x 36 x 44 | 248.9 x 91.4 x 111.8 |
| C40-27 | 0 to -40 | 27 | 766 | 67 x 23 x 31 | 170.2 x 57.2 x 78.7 | 98 x 36 x 44 | 248.9 x 91.4 x 111.8 |

Upright Freezers

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| U40-13 | 0 to -40 | 13 | 370 | 20 x 22 x 51.25 | 50.8 x 55.9 x 130 | 36 x 33.5 x 79.5 | 91.4 x 85.1 x 201.9 |
| U40-18 | 0 to -40 | 18 | 505 | 23 x 26 x 51.25 | 58.4 x 66.1 x 130 | 36.5 x 36.5 x 79.5 | 92.7 x 92.7 x 201.9 |
| U40-22 | 0 to -40 | 22 | 626 | 28.5 x 26 x 51.25 | 72.4 x 66.1 x 130 | 42 x 36.5 x 79.5 | 106.6 x 92.7 x 201.9 |
| U40-25 | 0 to -40 | 25 | 710 | 34 x 25 x 51.25 | 86.4 x 63.5 x 130 | 49.5 x 36.5 x 79.5 | 125.7 x 92.7 x 201.9 |
| U40-28 | 0 to -40 | 28 | 792 | 38 x 25 x 51.25 | 96.5 x 63.5 x 130 | 53 x 36.5 x 79.5 | 134.6 x 92.7 x 201.9 |

Platinum Series Lab Freezers

Touch-screen controlled Platinum Series laboratory freezers come with an advanced PID control systems for worry-free storage of samples at temperatures as low as -40°C.

FEATURES:

- Multi-level security
- 4.3-inch color touch screen temperature control with battery backup
- Temperature graph and downloadable data
- VNC remote access
- Battery-operated alarm system
- SMS and email alarm notifications
- CFC and HCFC-free
- Hermetic compressor
- Heavy-gauge steel outer shell with corrosion-resistant zinc-coated galvanized steel inner chamber



Platinum Series Chest Freezers

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| NC40-3 | 0 to -40 | 3 | 83 | 24 x 12 x 18 | 61 x 31 x 46 | 34.5 x 25.25 x 48 | 87 x 64 x 121 |
| NC40-5 | 0 to -40 | 5 | 142 | 30 x 18 x 16 | 76 x 46 x 40 | 40.5 x 31 x 47 | 102 x 81 x 119 |
| NC40-9 | 0 to -40 | 9 | 255 | 45.5 x 16 x 20 | 115 x 40 x 50 | 57.5 x 29 x 46.5 | 146 x 73 x 116 |
| NC40-12 | 0 to -40 | 12 | 340 | 55 x 19 x 20 | 139 x 48 x 50 | 65.5 x 32 x 47.5 | 166 x 81 x 120 |
| NC40-14 | 0 to -40 | 14 | 400 | 62 x 20 x 20 | 157 x 50 x 50 | 72.5 x 33 x 47.5 | 184 x 83 x 120 |
| NC40-17 | 0 to -40 | 17 | 480 | 69 x 20 x 21 | 175 x 50 x 53 | 81.25 x 35.5 x 48.5 | 206 x 85 x 123 |
| NC40-22 | 0 to -40 | 22 | 626 | 67 x 19 x 30 | 170 x 48 x 76 | 98 x 36 x 43.5 | 248 x 91 x 110 |
| NC40-27 | 0 to -40 | 27 | 766 | 67 x 23 x 31 | 170 x 57 x 79 | 98 x 36 x 43.5 | 248 x 91 x 110 |

Platinum Series Upright Freezers

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| NU40-13 | 0 to -40 | 13 | 370 | 20 x 22 x 51.25 | 50 x 55 x 130 | 35 X 34.5 X 79.5 | 88 X 87 X 201 |
| NU40-18 | 0 to -40 | 18 | 505 | 23 x 26 x 51.25 | 58 x 66 x 130 | 40 X 36 X 79.5 | 101 X 91 X 201 |
| NU40-22 | 0 to -40 | 22 | 626 | 28.5 x 26 x 51.25 | 72 x 66 x 130 | 43 x 37 x 79.5 | 109 x 93 x 201 |
| NU40-25 | 0 to -40 | 25 | 710 | 34 x 25 x 51.25 | 86 x 63 x 130 | 50 x 37 x 79.5 | 127 x 93 x 201 |
| NU40-28 | 0 to -40 | 28 | 792 | 38 x 25 x 51.25 | 96 x 63 x 130 | 54 x 37 x 79.5 | 137 x 93 x 201 |

REFRIGERATORS & FREEZERS

Lab Chest Freezers

Chest-style laboratory freezers for storage at temperatures down to -45°C.



FEATURES:

- Temperature range: 0°C to -25°C, -40°C, or -45°C
- Battery-operated alarm system
- Cooling starts as soon as plugged in to power supply—no additional setup needed
- Manual defrost
- CFC-free
- Digital, tamper-proof temperature control
- Hermetic compressor
- 4 swivel casters included for mobility

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| CH25-3 | 0 to -25 | 3.5 | 99 | 15.75 x 17 x 25.87 | 40 x 43.2 x 65.7 | 22 x 23.5 x 34 | 55.9 x 59.7 x 86.4 |
| CH25-5 | 0 to -25 | 5 | 142 | 30 x 18 x 16 | 76.2 x 45.7 x 40.6 | 40.5 x 32 x 47 | 102.9 x 81.3 x 119.4 |
| CH25-9 | 0 to -25 | 9 | 255 | 37.5 x 16.5 x 17.5 | 95.3 x 41.9 x 44.5 | 43.75 x 24.75 x 34.88 | 111.1 x 62.9 x 88.6 |
| CH25-15 | 0 to -25 | 15 | 424 | 49.25 x 21.63 x 25.75 | 125.1 x 54.9 x 65.4 | 55.5 x 29.75 x 34.38 | 140.1 x 75.6 x 87.3 |
| CH25-20 | 0 to -25 | 20 | 566 | 67 x 21.5 x 25 | 170.1 x 54.6 x 63.5 | 74 x 30 x 34 | 188 x 76.2 x 86.4 |
| CH25-25 | 0 to -25 | 25 | 707 | 76.75 x 23.5 x 24.88 | 194.9 x 59.7 x 63.2 | 83.25 x 32 x 33.75 | 211.5 x 81.3 x 85.7 |
| CH40-3 | 0 to -40 | 3.5 | 99 | 15.75 x 17 x 25.87 | 40 x 43.2 x 65.7 | 22 x 23.5 x 34 | 55.9 x 59.7 x 86.4 |
| CH40-5 | 0 to -40 | 5 | 142 | 24 x 15.25 x 26 | 60.1 x 38.7 x 66 | 29 x 24 x 33.63 | 73.7 x 61 x 85.4 |
| CH40-9 | 0 to -40 | 9 | 255 | 37.5 x 16.5 x 17.5 | 95.3 x 41.9 x 44.5 | 43.75 x 24.75 x 34.88 | 111.1 x 62.9 x 88.6 |
| CH40-15 | 0 to -40 | 15 | 424 | 49.25 x 21.63 x 25.75 | 125.1 x 54.9 x 65.4 | 55.5 x 29.75 x 34.38 | 140.1 x 75.6 x 87.3 |
| CH40-20 | 0 to -40 | 20 | 566 | 67 x 21.5 x 25 | 170.1 x 54.6 x 63.5 | 74 x 30 x 34 | 188 x 76.2 x 86.4 |
| CH40-25 | 0 to -40 | 25 | 707 | 76.75 x 23.5 x 24.88 | 194.9 x 59.7 x 63.2 | 83.25 x 32 x 33.75 | 211.5 x 81.3 x 85.7 |
| CH45-3 | 0 to -45 | 3.5 | 99 | 15.75 x 17 x 25.87 | 40 x 43.2 x 65.7 | 22 x 23.5 x 34 | 55.9 x 59.7 x 86.4 |
| CH45-5 | 0 to -45 | 5 | 142 | 24 x 15.25 x 26 | 60.1 x 38.7 x 66 | 29 x 24 x 33.63 | 73.7 x 61 x 85.4 |

Economy Lab Freezers

Upright, economy laboratory freezer for storage at temperatures down to -30°C.

FEATURES:

- Temperature range: -15°C to -30°C
- High/Low alarm with power failure relay
- White coated steel interior and exterior finish
- 5 adjustable shelves
- Manual defrost
- Digital temperature control
- 1/5 HP compressor
- CFC-free
- 4 locking casters included for mobility
- Single locking door



| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| DHK30-10SD | -15 to -30 | 10 | 283 | 19.5 x 17 x 50 | 49 x 43 x 127 | 24 x 22 x 60 | 60 x 55 x 152 |



Undercounter Solid Door Freezers and Ultra-Low

Features high/low alarm, locking door, and digital temperature control.*

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| MV20-2UCF | 0 to -20 | 2.5 | 71 | 17 x 15 x 17 | 43 x 38 x 43 | 20 x 21.5 x 25 | 50 x 54 x 63 |
| MV30-4UCF | 0 to -30 | 4 | 113 | 20 x 17.75 x 24.5 | 51 x 45 x 62 | 23.75 x 21.5 x 32 | 60 x 64 x 84 |
| MV40-4UCF | -30 to -40 | 4 | 113 | 17.5 x 15.5 x 24.75 | 44 x 39 x 62 | 24 x 24 x 33 | 61 x 61 x 83 |
| MV85-2 | -45 to -85 | 2 | 54 | 14 x 18 x 12.5 | 35 x 45 x 31 | 23 x 27 x 32 | 58 x 68 x 81 |
| MV20-1.5UCF* | -20 | 1.5 | 42 | 14 x 13.25 x 14.5 | 35 x 33 x 36 | 18.5 x 19.5 x 19.5 | 46 x 49 x 49 |

*MV20-1.5UCF is an economy freezer with a mechanical thermostat, manual defrost, and locking door.

Undercounter Refrigerators

Features high/low alarm, automatic defrost, and digital temperature control.

| Item No./Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| MV4-2UCRGDDA* | 2 to 8 | 2.5 | 70 | 17 x 15 x 17 | 43 x 38 x 43 | 20 x 21.5 x 25 | 50 x 54 x 63 |
| MV4-6UCRGDDA* | 2 to 8 | 6.1 | 173 | 20.25 x 17.75 x 24.5 | 51 x 45 x 62 | 23.75 x 25.5 x 33.375 | 60 x 64 x 84 |
| MV4-2UCRDA** | 2 to 8 | 2.5 | 70 | 17 x 15 x 17 | 43 x 38 x 43 | 20 x 21.5 x 25 | 50 x 54 x 63 |
| MV4-6UCRDA** | 2 to 8 | 6.1 | 173 | 20 x 17 x 24.25 | 50 x 43 x 61 | 23.75 x 23.5 x 33.375 | 60 x 59 x 84 |

*Glass door models

**Solid door models

Pass-Through Lab Refrigerators

Front and back glass doors allow for access from either side.

FEATURES:

- High/low alarm
- Digital display
- Locking front and back doors
- Stainless steel interior and exterior



| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| DH4-25PT | 2 to 8 | 25 | 708 | 23 x 30 x 59 | 58 x 76 x 149 | 26 x 37.5 x 81.5 | 66 x 95 x 207 |
| DH4-50PT | 2 to 8 | 50 | 1416 | 48 x 30 x 59 | 121 x 76 x 149 | 52 x 37.5 x 81.5 | 132 x 95 x 207 |
| DH4-80PT | 2 to 8 | 80 | 2265 | 75 x 30 x 59 | 190 x 76 x 149 | 78 x 37.5 x 81.5 | 198 x 95 x 207 |

REFRIGERATORS & FREEZERS

Lab Refrigerators

Solid or glass door laboratory refrigerators protect contents from temperature fluctuations.



FEATURES:

- High/low temperature alarm
- Digital temperature control
- Locking doors
- Automatic defrost
- Locking casters for mobility
- Models with SGD suffix have sliding glass doors

Glass Door Lab Refrigerators

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| DH4-23GD | 2 to 8 | 23 | 651 | 24 x 28.5 x 54 | 60 x 72 x 137 | 27 x 32 x 81.5 | 68 x 81 x 207 |
| DH4-27GD | 2 to 8 | 27 | 764 | 27 x 28.5 x 55 | 69 x 72 x 140 | 30 x 32 x 81.5 | 76 x 81 x 207 |
| DH4-38SGD | 2 to 8 | 38 | 1076 | 40.5 x 25.5 x 55 | 102 x 65 x 140 | 43.5 x 32 x 81.5 | 110 x 81 x 207 |
| DH4-45SGD | 2 to 8 | 45 | 1286 | 49 x 25.5 x 55 | 125 x 65 x 140 | 52 x 32 x 81.5 | 132 x 81 x 207 |
| DH4-49GD | 2 to 8 | 49 | 1387 | 49 x 28.5 x 55 | 125 x 72 x 140 | 52 x 32 x 81.5 | 132 x 81 x 207 |
| DH4-66SGD | 2 to 8 | 66 | 1868 | 72 x 27 x 55 | 183 x 68 x 140 | 75 x 32 x 81.5 | 191 x 81 x 207 |
| DH4-74GD | 2 to 8 | 74 | 2095 | 72 x 28.5 x 55 | 183 x 72 x 140 | 75 x 32 x 81.5 | 191 x 81 x 207 |

Solid Door Refrigerators

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| DH4-23SD | 2 to 8 | 23 | 651 | 24 x 28.5 x 55 | 60 x 72 x 140 | 27 x 34 x 81.5 | 68 x 86 x 207 |
| DH4-27SD | 2 to 8 | 27 | 764 | 27 x 28.5 x 55 | 69 x 72 x 140 | 30 x 33.75 x 81.5 | 76 x 85 x 207 |
| DH4-49SD | 2 to 8 | 49 | 1387 | 49 x 28.5 x 55 | 125 x 72 x 140 | 52 x 32 x 81.5 | 132 x 81 x 207 |
| DH4-74SD | 2 to 8 | 74 | 2095 | 72 x 28.5 x 55 | 183 x 72 x 140 | 75 x 32 x 81.5 | 191 x 81 x 207 |

Stainless Steel Glass Door Refrigerators

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| DH4-23GDSS | 2 to 8 | 23 | 651 | 24 x 28.5 x 54 | 60 x 72 x 137 | 27 x 33.75 x 81.5 | 68 x 85 x 207 |
| DH4-27GDSS | 2 to 8 | 27 | 764 | 27 x 28.5 x 55 | 69 x 72 x 140 | 30 x 33.75 x 81.5 | 76 x 85 x 207 |
| DH4-49GDSS | 2 to 8 | 49 | 1387 | 49 x 28.5 x 55 | 125 x 72 x 140 | 52 x 33.75 x 81.5 | 132 x 85 x 207 |
| DH4-72GDSS | 2 to 8 | 72 | 2038 | 72 x 28.5 x 55 | 183 x 72 x 140 | 75 x 33.75 x 81.5 | 191 x 85 x 207 |

Stainless Steel Solid Door Refrigerators

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| DH4-23SDSS | 2 to 8 | 23 | 651 | 24 x 28.5 x 54 | 60 x 72 x 137 | 27 x 33.75 x 81.5 | 68 x 85 x 207 |
| DH4-27SDSS | 2 to 8 | 27 | 764 | 27 x 28.5 x 55 | 69 x 72 x 140 | 30 x 33.75 x 81.5 | 76 x 85 x 207 |
| DH4-49SDSS | 2 to 8 | 49 | 1387 | 49 x 28.5 x 55 | 125 x 72 x 140 | 52 x 33.75 x 81.5 | 132 x 85 x 207 |
| DH4-72SDSS | 2 to 8 | 72 | 2038 | 72 x 28.5 x 55 | 183 x 72 x 140 | 75 x 33.75 x 81.5 | 191 x 85 x 207 |

Platinum Series Refrigerators

Touch-screen controlled Platinum Series laboratory refrigerators come with an advanced PID control systems for worry-free storage of samples requiring refrigeration.

FEATURES:

- Multi-level security
- 4.3-inch color touch screen temperature control with battery backup
- Temperature graph and downloadable data
- VNC remote access
- Battery-operated alarm system
- SMS and email alarm notifications
- CFC-free
- Coated steel inner and exterior finish



Platinum Series Glass Door Lab Refrigerators

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| DHP4-23GD | 2 to 8 | 23 | 651 | 24 x 28.5 x 55 | 61 x 72 x 140 | 27 x 32 x 81 | 68 x 81 x 206 |
| DHP4-27GD | 2 to 8 | 27 | 764 | 27 x 28.5 x 55 | 69 x 72 x 140 | 30 x 34 x 81 | 76 x 86 x 206 |
| DHP4-38SGD | 2 to 8 | 38 | 1076 | 40.5 x 27 x 55 | 102 x 68 x 140 | 43.5 x 32 x 81 | 110 x 81 x 206 |
| DHP4-45SGD | 2 to 8 | 45 | 1286 | 49 x 27 x 55 | 125 x 69 x 140 | 52 x 32 x 81 | 132 x 81 x 206 |
| DHP4-49GD | 2 to 8 | 49 | 1387 | 47.5 x 28.5 x 55 | 120 x 72 x 140 | 52 x 32 x 81 | 132 x 81 x 206 |
| DHP4-66SGD | 2 to 8 | 66 | 1868 | 72 x 27 x 55 | 182 x 69 x 140 | 75 x 32 x 81 | 190 x 81 x 206 |
| DHP4-74GD | 2 to 8 | 74 | 2095 | 72 x 27 x 55 | 183 x 69 x 140 | 75 x 32 x 81 | 190 x 81 x 206 |

Platinum Series Solid Door Refrigerators

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| DHP4-23SD | 2 to 8 | 23 | 651 | 24 x 28.5 x 55 | 61 x 72 x 140 | 27 x 34 x 81 | 68 x 86 x 206 |
| DHP4-27SD | 2 to 8 | 27 | 764 | 27 x 28.5 x 55 | 69 x 72 x 140 | 30 x 34 x 81 | 76 x 86 x 206 |
| DHP4-49SD | 2 to 8 | 49 | 1387 | 47.5 x 28.5 x 55 | 120 x 72 x 140 | 52 x 32 x 81 | 132 x 81 x 206 |
| DHP4-74SD | 2 to 8 | 74 | 2095 | 72 x 27 x 55 | 183 x 69 x 140 | 75 x 32 x 81 | 190 x 81 x 206 |

REFRIGERATORS & FREEZERS



Economy Lab Refrigerators

Economy lab refrigerators for smaller budgets.

FEATURES:

- High/low temperature alarm
- Locking doors
- DHK4-10SD has a solid door

| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| DH4-8GD | 2 to 8 | 8 | 227 | 15.9 x 14.5 x 53 | 40 x 36 x 134 | 19 x 21 x 74.5 | 48 x 53 x 189 |
| DHK4-10GD | 2 to 8 | 10 | 283 | 19.5 x 17 x 50 | 49 x 43 x 127 | 24 x 22 x 60 | 60 x 55 x 152 |
| DHK4-10SD | 2 to 8 | 10 | 283 | 19.5 x 17 x 50 | 49 x 43 x 127 | 24 x 22 x 60 | 60 x 55 x 152 |
| DH4-12GD | 2 to 8 | 12 | 340 | 20.75 x 21 x 45.75 | 52 x 53 x 116 | 24 x 24 x 73 | 60 x 60 x 185 |
| DH4-15GD | 2 to 8 | 15 | 425 | 25.5 x 21.25 x 50.5 | 64 x 53 x 125 | 29.5 x 26.25 x 81 | 74 x 66 x 205 |
| DH4-30GD | 2 to 8 | 30 | 850 | 43 x 22 x 54 | 109 x 55 x 137 | 47.25 x 30.25 x 81 | 120 x 76 x 205 |
| DH4-30SGD | 2 to 8 | 30 | 850 | 43 x 22 x 54 | 109 x 55 x 137 | 47.25 x 30.25 x 81 | 120 x 76 x 205 |

Combination Lab Refrigerator/Freezers

Convenient refrigerator/freezer combos for the lab protect temperature-sensitive contents from temperature fluctuations.

FEATURES:

- High/low temperature alarm
- Digital temperature control
- Locking doors
- Automatic defrost
- Locking casters for mobility
- DH-10RFDA features glass door refrigerator



| Item No./ Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|-----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| DH-20RF | 2 to 8 (R) | 10 | 283 | 28 x 28 x 20 | 71 x 71 x 51 | 33 x 34.75 x 84.5 | 85 x 88 x 214 |
| | -12 to -22 (F) | 10 | 283 | 28 x 28 x 20 | 71 x 71 x 51 | -- | -- |
| DH-48RF | 2 to 8 (R) | 23 | 651 | 22 x 28 x 60 | 56 x 71 x 152 | 52 x 34.75 x 84.5 | 132 x 88 x 214 |
| | -12 to -22 (F) | 23 | 651 | 22 x 28 x 60 | 56 x 71 x 152 | -- | -- |
| DH-70RF | 2 to 8 (R) | 47 | 1331 | 48 x 28 x 60 | 122 x 71 x 152 | 78 x 34.75 x 84.5 | 198 x 88 x 214 |
| | -12 to -22 (F) | 23 | 651 | 22 x 28 x 60 | 56 x 71 x 152 | --- | -- |
| DH-9RFDA | 2 to 8 (R) | 4.6 | 130 | 20 x 19.5 x 24.25 | 50 x 49 x 61 | 23.75 x 25.5 x 66.75 | 60 x 65 x 170 |
| | -10 to -25 (F) | 4.4 | 125 | 20 x 17 x 24.25 | 50 x 43 x 61 | -- | -- |
| DH-10RFDA | 2 to 8 (R) | 6.2 | 176 | 20.25 x 18.5 x 28.75 | 51.44 x 47 x 73 | 23.75 x 25.5 x 66.75 | 60 x 65 x 170 |
| | -10 to -25 (F) | 2.6 | 72 | 18 x 17.5 x 14 | 45.7 x 44.45 x 35.56 | -- | -- |

Flammable Material Refrigerators & Freezers

Designed for storage of flammable materials, these lab refrigerators and freezers have no electrical components in the interior. The compressor's electrical components are sealed in a vapor-proof enclosure for added safety.

FEATURES:

- Meet NFPA and OSHA guidelines
- Solid polyurethane foam insulated doors
- Locking doors
- Adjustable thermostat
- CFC-free
- Manual defrost
- Adjustable legs and shelves



Flammable Materials Freezers

| Item No./Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| MV23-4UCFMSF | -15 to -25 | 4 | 114 | -- | -- | 23.63 x 24.25 x 32.2 | 60 x 62 x 82 |
| DHH20-30SDFMS | -18 to -25 | 30 | 849 | 32 x 22.5 x 65 | 81 x 57 x 165 | 35.75 x 35.5 x 72.5 | 90.8 x 90.2 x 184.2 |

Flammable Materials Refrigerators

| Item No./Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| MV4-6UCFMSR | 1 to 10 | 5 | 141 | -- | -- | 23.63 x 24.25 x 32.2 | 60 x 62 x 82 |
| DHH4-30SDFMS | 1 to 10 | 30 | 849 | 32 x 22.5 x 65 | 81 x 57 x 165 | 35.75 x 35.5 x 72.5 | 90.8 x 90.2 x 184.2 |

Flammable Materials Refrigerator/Freezer Combos

| Item No./Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| DHH-9RFFMS | 1 to 10 (R) | 4.6 | 130 | 20.25 x 17 x 27 | 51.4 x 43.2 x 68.6 | 23.63 x 24.25 x 65.38 | 60 x 62 x 169 |
| | -15 to -25 (F) | 4.4 | 125 | 19 x 16 x 26 | 48.3 x 40.6 x 66 | -- | -- |
| DHH-30RFFMS | 1 to 10 (R) | 25 | 707 | 29 x 22.25 x 12 | 73.7 x 56.5 x 30.5 | 35.75 x 35.5 x 72.5 | 90.8 x 90.2 x 184.2 |
| | -15 to -25 (F) | 5 | 141 | 32 x 22.5 x 50.25 | 81.3 x 57.2 x 127.6 | -- | -- |



REFRIGERATORS & FREEZERS

Explosion-Proof Refrigerators & Freezers

These hazardous location refrigerators and freezers are designed for volatile and non-volatile materials in Hazardous Locations, Class 1, Division II, Group C & D in accordance with NFPA and OSHA guidelines. All spark-generating electrical components and connections are sealed in vapor-proof enclosures. Power cords are not included - power connections must be hard-wired to meet local codes. Not intended for use in general clinical or research laboratories.

FEATURES:

- Meet NFPA and OSHA guidelines
- Must be hardwired
- Manual defrost
- 22-gauge cold roll steel exterior
- 26-gauge galvanized steel interior
- High luster baked enamel surface coating
- 2-inch solid urethane foam insulated doors
- 2 3/8-inch urethane insulation
- Sturdy cam-lift hinges with lock-open feature
- Locking doors
- Adjustable thermostat
- CFC-free
- Adjustable legs
- Adjustable cantilever shelves



Explosion Proof/Hazardous Location Freezers

| Item No./Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| MV23-4UCXF | -15 to -18 | 4.5 | 127 | 21 x 21 x 26.5 | 53.3 x 53.3 x 67.3 | 23.9 x 26 x 34 | 61 x 66 x 86 |
| DHH20-30SDFX | -18 to -25 | 30 | 849 | 32 x 22.5 x 65 | 81 x 57 x 165 | 35.75 x 35 x 77.5 | 90 x 88 x 196 |

Explosion Proof/Hazardous Location Refrigerators

| Item No./Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| MV4-6UCXR | 1 to 10 | 6.1 | 173 | 21 x 21 x 26.5 | 53 x 53 x 67 | 24 x 26 x 34 | 61 x 66 x 86 |
| DHH4-30SDRX | 1 to 10 | 30 | 849 | 32 x 22.5 x 65 | 81 x 57 x 165 | 35.75 x 35 x 77.5 | 90 x 88 x 196 |

Explosion Proof/Hazardous Location Refrigerator/Freezer Combos

| Item No./Model | Temp. Range (°C) | Cubic Feet | Liters | Interior (in) w x d x h | Interior (cm) w x d x h | Exterior (in) w x d x h | Exterior (cm) w x d x h |
|----------------|------------------|------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| DHH-30RFX | 1 to 10 (R) | 25 | 707 | 29 x 22.25 x 12 | 73.7 x 56.5 x 30.5 | 35.75 x 36.25 x 77.5 | 90.8 x 92.1 x 196.9 |
| | -18 to -25 (F) | 5 | 141 | 32 x 22.5 x 50.25 | 81.3 x 57.2 x 127.6 | -- | -- |



Liquid Nitrogen Dewars

LN2 dewars for storing cryovials in 25 or 100-cell boxes. Positive closure, minimal exposure to cryogen, and easy access are ensured by the easy-to-use snap-on cap and necktube core.

FEATURES:

- Snap-on cap
- Durable aluminum exterior
- Numbered rack system for quick retrieval
- Maintains low vapor temperatures of -185°C
- Low evaporation rates
- Locking lid
- Include stainless steel racks and polycarbonate or fiberboard boxes
- 1-year parts and labor warranty
- 3-year vacuum warranty



CRYOGENIC STORAGE

| Item No./ Model | Volume (Liters) | Vial Capacity (2mL) | Box Capacity | Box Type (Cardboard -C or Polycarbonate -P) | Rack Capacity | Vials per Box | Evap. Rate (L per day) | Working Time (Days) | Neck diameter (in) | Exterior (in) height x diameter |
|-----------------|-----------------|---------------------|--------------|---|---------------|---------------|------------------------|---------------------|--------------------|---------------------------------|
| H47-750-C | 47 | 750 | 30 | C | 6 | 25 | 0.39 | 76 | 5 | 26.5 x 20 |
| H47-750-P | 47 | 750 | 30 | P | 6 | 25 | 0.39 | 76 | 5 | 26.5 x 20 |
| H61-2000-C | 61 | 2000 | 20 | C | 4 | 100 | 0.85 | 38 | 8.5 | 27.5 x 22 |
| H61-2000-P | 61 | 2000 | 20 | P | 4 | 100 | 0.85 | 38 | 8.5 | 27.5 x 22 |
| H121-4000-C | 121 | 4000 | 40 | C | 4 | 100 | 0.99 | 70 | 8.5 | 37.5 x 22 |
| H121-4000-P | 121 | 4000 | 40 | P | 4 | 100 | 0.99 | 70 | 8.5 | 37.5 x 22 |
| H176-6000-C | 176 | 6000 | 60 | C | 6 | 100 | 0.99 | 104 | 8.5 | 37.5 x 26 |
| H176-6000-P | 176 | 6000 | 60 | P | 6 | 100 | 0.99 | 104 | 8.5 | 37.5 x 26 |

LN2 Tank Accessories

| Item Name/Description |
|--|
| Low level alarm, indicates low LN2 level |
| Wheel base |
| Ruler |
| Tongs |
| Armor-plated transfer hose |
| T-valve |



Tongs



Wheel Base



Armor-Plated Transfer Hose



T-valve

CRYO & FREEZER ACCESSORIES

Freezer/LN2 Racks

Corrosion-resistant stainless steel racks come standard with cardboard freezer boxes and 81 cell dividers. Racks are for use in refrigerators, freezers, ultra-low freezers, and LN2 tanks.

Chest Freezer Racks

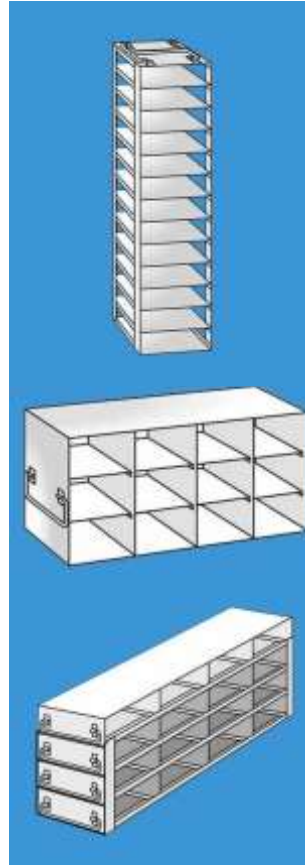
| Item No./ Model | Dimensions (in) l x h x d | Box Capacity (count) | Box Size (in) |
|-----------------|---------------------------|----------------------|---------------|
| 16-5-3 | 5.62 x 15.87 x 5.5 | 5 | 3 |
| 16-7-2 | 5.62 x 15.43 x 5.5 | 7 | 2 |
| 19-6-3 | 5.62 x 19.12 x 5.5 | 6 | 3 |
| 19-9-2 | 5.62 x 19.81 x 5.5 | 9 | 2 |
| 29-9-3 | 5.62 x 29.25 x 5.5 | 9 | 3 |
| 29-13-2 | 5.62 x 28.25 x 5.5 | 13 | 2 |

Upright Freezer Racks

| Item No./ Model | Dimensions (in) l x h x d | Box Capacity (count) | Box Size (in) |
|-----------------|---------------------------|----------------------|---------------|
| 17-9-3 | 16.31 x 9.37 x 5.5 | 9 | 3 |
| 17-12-2 | 16.31 x 8.87 x 5.5 | 12 | 2 |
| 23-12-3 | 21.62 x 9.37 x 5.5 | 12 | 3 |
| 23-16-2 | 21.62 x 8.87 x 5.5 | 16 | 2 |

Upright Freezer Drawers

| Item No./ Model | Dimensions (in) l x h x d | Box Capacity (count) | Box Size (in) |
|-----------------|---------------------------|----------------------|---------------|
| 17-12-2-DR | 16.5 x 9.43 x 5.5 | 12 | 2 |
| 23-16-2-DR | 22 x 9.43 x 5.5 | 16 | 2 |
| 17-9-3-DR | 16.5 x 10.0625 x 5.5 | 9 | 3 |
| 23-12-3-DR | 22 x 10.0625 x 5.5 | 12 | 3 |



Chest Freezer Capacity

| Freezer Size (cu. ft.) | Max Number of Racks |
|------------------------|---------------------|
| 3 | 8 |
| 5 | 15 |
| 9 | 16 |
| 12 | 27 |
| 14 | 30 |
| 17 | 36 |
| 22 | 36 |
| 27 | 48 |

Upright Freezer Capacity

| Freezer Size (cu. ft.) | Max Number of Racks |
|------------------------|---------------------|
| 13 | 15 |
| 18 | 20 |
| 22 | 25 |
| 25 | 30 |
| 30 | 35 |

Insulated Cryo/Freezer Gloves

Insulated gloves protect hands from contact with ultra-cold, frozen surfaces. All sizes are mid-forearm length. Small - Extra Large

| Item No. | Size |
|----------|-------------|
| 1100-S | Small |
| 1100-M | Medium |
| 1100-L | Large |
| 1100-XL | Extra Large |



The many faces of Mark J ...

At PathSUPPLY we believe in playing as hard as we work. Our owner, Mark Jakabcsin, likes to set a good example.



Hard at play



Rookie card



Future entrepreneur



Let's go Bucs!



Team Jakabcsin



Dressed for the occasion...



When science goes wrong



See the resemblance?



Anyone for sushi?



We go together like...





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