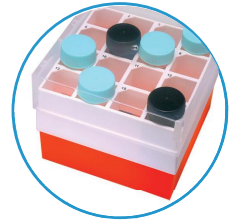




# **polar**safe Cryogenic Storage Systems

## Your source for cryogenic storage supplies

Argos Technologies PolarSafe Cryo/Freezer Storage Systems are designed to safely store all of your samples in a secure and organized environment. All boxes, racks, and labels will accommodate a variety of tubes, vials, plates, and slides regardless of size. Organizing your freezers and cryostorage systems will allow you to increase the sub zero freezer capacity of your laboratory without additional equipment.





## Metal Freezer Storage Racks



### Organize and Optimize Your Laboratory Freezers

- Handles at both ends to accommodate freezers with right or left handed doors.
- Racks are constructed of high-quality, corrosion resistant, stainless steel.
- Accommodate all types of sample containers including 2", 3", and 5" boxes, microtiter, and deep-well plates. Also accommodates 15&50mL centrifuge tubes.
- Racks fit all standard types of Upright and Chest Freezers.

#### Upright Freezer Racks For 2" Boxes

L x H x D	No. of Shelves	Cat. No.
16 5/16 x 6 5/8 x 5 1/2"	9 (3 x 3)	RF332A
16 5/16 x 8 7/8 x 5 1/2"	12 (3 x 4)	RF342A
16 5/16 x 11 x 5 1/2"	15 (3 x 5)	RF352A
21 5/8 x 6 5/8 x 5 1/2"	12 (4 x 3)	RF432A
21 5/8 x 8 7/8 x 5 1/2"	16 (4 x 4)	RF442A
21 5/8 x 11 x 5 1/2"	20 (4 x 5)	RF452A
21 5/8 x 12 5/8 x 5 1/2"	24 (4 x 6)	RF462A
26 3/4 x 8 7/8 x 5 1/2"	20 (5 x 4)	RF542A

#### Upright Freezer Drawer Rack For 2" Boxes

L x H x D	No. of Shelves	Cat. No.
16 1/2 x 7 1/8 x 5 1/2"	9 (3 x 3)	RD332A
16 1/2 x 9 7/16 x 5 1/2"	12 (3 x 4)	RD342A
22 x 7 1/8 x 5 1/2"	12 (4 x 3)	RD432A
22 x 9 7/16 x 5 1/2"	16 (4 x 4)	RD442A
22 x 11 13/16 x 5 1/2"	20 (4 x 5)	RD452A

#### Chest Freezer Racks For 2" Boxes

H x W x D	No. of Shelves	Cat. No.
8 15/16 x 5 5/8 x 5 1/2"	4	RC042A
13 15/16 x 5 5/8 x 5 1/2"	6	RC062A
19 7/8 x 5 5/8 x 5 1/2"	9	RC092A
22 1/16 x 5 5/8 x 5 1/2"	10	RC102A
24 1/4 x 5 5/8 x 5 1/2"	11	RC112A
26 3/8 x 5 5/8 x 5 1/2"	12	RC122A
28 9/16 x 5 5/8 x 5 1/2"	13	RC132A

#### Upright Freezer Racks For 3" Boxes

L x H x D	No. of Shelves	Cat. No.
21 5/8 x 9 3/8 x 5 1/2"	12 (4 x 3)	RF433A

- All racks sold individually

#### Upright Freezer Drawer Rack for 3" Boxes

L x H x D	No. of Shelves	Cat. No.
22 x 10 1/16 x 5 1/2"	12 (4 x 3)	RD433A

#### Upright Freezer Racks For 96-well & 384-well Microtiter Plates

L x H x D	No. of Shelves	Cat. No.
22 x 9 3/16 x 5 1/2"	84 Plates w/lids , 96 w/o lids	R9684A
22 x 11 x 5 1/2"	96 Plates w/lids, 120 w/o lids	R9696A

#### Upright Freezer Drawer Racks For 15 & 50mL Centrifuge Tubes

L x H x D	No. of Shelves	Cat. No.
16 1/2 x 9 15/16 x 5 1/2"	120 Tubes (15mL)	R1512A
22 x 4 15/16 x 5 1/2"	80 Tubes (15mL)	R1580A
16 1/2 x 9 15/16 x 5 1/2"	60 Tubes (50mL)	R5060A
22 x 9 15/16 x 5 1/2"	78 Tubes (50mL)	R5078A

#### Upright Freezer Racks For 100-place Cell Hinged Top Plastic Storage Boxes

L x H x D	No. of Shelves	Cat. No.
18 3/4 x 9 1/4 x 5 7/8"	12 (3 x 4)	RFH34A

#### Mini Vertical Freezer Racks For Mini 2" Boxes

H x W x D	No. of Shelves	Cat. No.
19 7/8 x 3 3/8 x 3"	9	RM092A
26 3/8 x 3 3/8 x 3"	12	RM122A

#### Upright Freezer Racks For 15 & 50mL Tube Boxes

L x H x D	No. of Shelves	Cat. No.
18 1/4 x 10 3/16 x 5 7/8"	6 (3 x 2)	RLB32A
24 5/16 x 10 3/16 x 5 7/8"	8 (4 x 2)	RLB42A

#### Chest Freezer Racks For 15 & 50mL Tube Boxes

H x W x D	No. of Shelves	Cat. No.
25 1/16 x 6 x 6 3/16"	5	RC054A
30 1/16 x 6 x 6 3/16"	6	RC064A

Additional sizes and configurations are available. Contact Argos Technologies for assistance.



## Cryo/Freezer Boxes & Dividers



### Durable yet economical!

PolarSafe Cryo/Freezer Boxes and Dividers are made of sturdy white cardboard, with a special moisture-repellent coating to protect from the effects of liquid nitrogen or condensation from refrigerated equipment. Small holes on the bottom allow for safe drainage of liquid nitrogen or water.

### Simple design for versatile use

- Unbreakable white fiberboard to protect samples.
- Surface is easy to write on for identification.
- Sized to fit all standard stainless-steel and polycarbonate storage systems.
- Choice of boxes and dividers to accommodate tubes from 0.5 to 50mL.
- Protective coating prevents water or liquid nitrogen from saturating box for increased longevity.
- Tight lid-to-box fit means accidental separation is next to impossible.
- Bottom drain holes allow for safe drainage of liquid nitrogen, prevent moisture build up.
- Can be used in mechanical freezers and liquid nitrogen tanks at temperatures to -196°C.

### New Grid Box Design!



### Sample storage for a wealth of applications

Provide low-cost storage for laboratories in universities, government, medical research and pharmaceutical facilities; in institutions performing artificial insemination, biotech, blood bank and stem cell/bone marrow procedures.

### Choice of sizes and dividers for flexibility

- Three boxes come with dividers in popular configurations.
- Four boxes come without dividers: choose the divider you need, replace it with another divider when necessary.
- Nine divider choices hold from 16 to 144 tubes.
- Hold tubes with diameters from 9.8 to 33.5mm.

### Cryo/Freezer Boxes with Cell Dividers

L x W x H	No. of Cells	Cat. No.
3 x 3 x 2"	25	R3025A
5 1/4 x 5 1/4 x 2"	81 (Box w/grid)	R3026A
5 1/4 x 5 1/4 x 2"	100 (Box w/grid)	R3027A

● Sold Individually

### Cell Dividers only for 50mL Tubes

L x W x H	No. of Spaces	Cell Opening	Cat. No.
5 3/8 x 5 3/8 x 2 3/4"	16	33.5mm	R3021

### Cell Dividers only for 15mL Tubes

L x W x H	No. of Spaces	Cell Opening	Cat. No.
5 3/8 x 5 3/8 x 2 3/4"	36	22.0mm	R3022

### Cell Dividers only for Standard Tubes

L x W x H	No. of Spaces	Cell Opening	Cat. No.
2 5/8 x 2 5/8 x 1 1/4"	25	11.5mm	R3028
4 7/8 x 4 7/8 x 1 5/16"	25	24.5mm	R3023
4 7/8 x 4 7/8 x 1 5/16"	49	16.7mm	R3020
4 7/8 x 4 7/8 x 1 5/16"	64	14.6mm	R3019
4 7/8 x 4 7/8 x 1 5/16"	81	12.7mm	R3018
4 7/8 x 4 7/8 x 1 5/16"	100	11.5mm	R3017
4 7/8 x 4 7/8 x 1 5/16"	144	9.5mm	R3024

● Sold 12 per pack

### Cryo/Freezer Boxes without Cell Dividers

L x W x H	Cat. No.
3 x 3 x 2"	R3013A
5 3/4 x 5 3/4 x 4 7/8"	R3014A
5 1/4 x 5 1/4 x 2"	R3015A
5 1/4 x 5 1/4 x 3"	R3016A

● Sold Individually

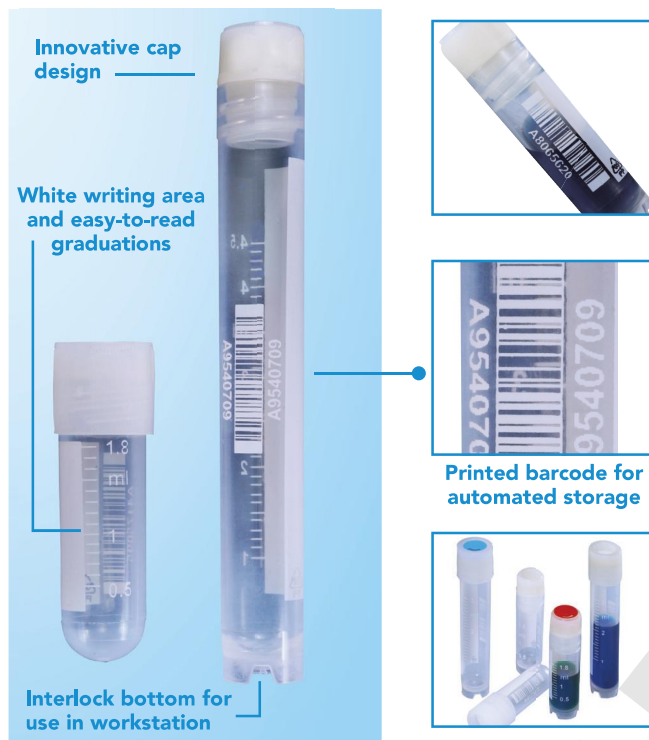


# Cryogenic Storage Vials



## Sample storage made safer.

Argos PolarSafe cryovials provide biological sample storage in temperatures as low as -196°C. PolarSafe cryovials feature a co-molded screw cap; combining polyethylene (PE) with a thermo plastic elastomer (TPE) eliminating the need for silicone o-rings. O-rings create the potential for contamination if lost, cut during handling or bulge due to over-tightening of cap. The PolarSafe vials are certified at 95 kPa to provide a 100% leak proof cap.



- Innovative caps are molded with thermoplastic elastomer to provide a leak proof seal.
- White marking area for sample identification labeling.
- Available with round or self-standing interlock bottom.
- Printed barcode on each tube.
- Manufactured in class 10,000 clean room; certified DNase - RNase, pyrogen, ATP and Human DNA free.
- Temperature range, -196°C to +121°C / tube & caps are autoclavable.
- Beta radiation sterilized - packaged in resealable safety bags of 50 vials.
- Available with internal and external threads.
- Pressure tested at 95 kPa (0.95 bar, 14 psi) - 100% leak proof.
- Color coded cap inserts and workstation sold separately.

### Material:

Tube: Medical grade polypropylene  
 Cap: Medical grade polyethylene co-molded with TPE



### External Threads

Volume	Style	Height	Cat. No.
1mL	Self-Standing	41 mm	CRY01
2mL	Self-Standing	45 mm	CRY02
2mL	Round	46 mm	CRY02C
3mL	Self-Standing	69 mm	CRY03
4mL	Self-Standing	74 mm	CRY04
5mL	Self-Standing	88 mm	CRY05

• Sold 50 per pack

### Internal Threads

Volume	Style	Height	Cat. No.
1mL	Self-Standing	43 mm	CRY11
2mL	Self-Standing	48 mm	CRY12
2mL	Round	47 mm	CRY12C
4mL	Self-Standing	76 mm	CRY14
4mL	Round	75 mm	CRY14C
5mL	Self-Standing	90 mm	CRY15
5mL	Round	89 mm	CRY15C

• Sold 50 per pack





## Cap Inserts



### Color code your samples with cap inserts

Cap inserts are available in assorted colors and snap easily into place on both internally and externally threaded caps. Ideal for color coding and sample identification.

- Packaged 100 per pack.
- Assorted colors sold 600 per pack (includes 100 of each color).



Color	Cat. No.
Blue	CRY61
Red	CRY62
White	CRY63
Yellow	CRY64
Pink	CRY65
Green	CRY66
Assorted	CRY67

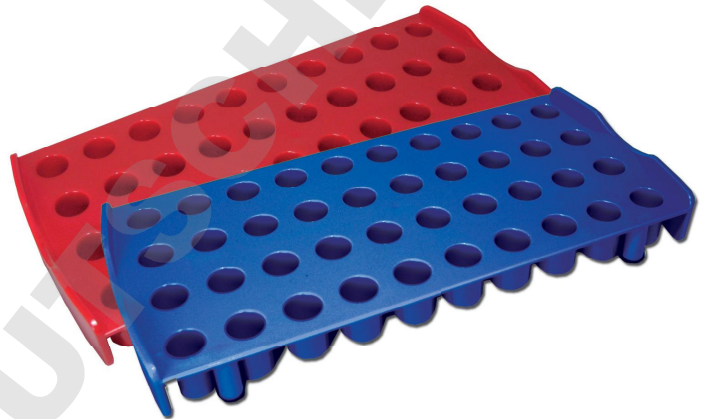
## Cryogenic Vial Workstation



### Open vials with one hand

The PolarSafe cryovial workstation rack will securely hold up to 40 self-standing cryogenic vials for one handed opening and closing of caps. Product can be stored at -196°C to +121°C and can be autoclaved.

- Sold individually.



Color	Cat. No.
Blue	CRY51
Red	CRY52

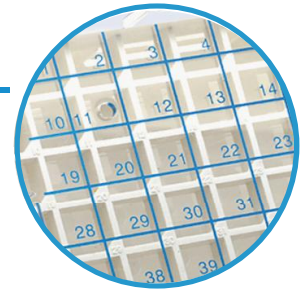
## Polycarbonate Freezer Boxes



Polycarbonate freezer boxes available with 25, 81 and 100 place divisions. Boxes have clear lids with locator grids to facilitate sample identification. Polycarbonate boxes are designed to withstand temperatures from -196°C to 121°C. Boxes have drain holes for venting and safety. Keyed lid prevents mis-alignment of grid.



- Clear lids with locator grids for easy sample identification.
- Available with 25 (5x5), 81 (9x9), and 100 (10x10) place divisions.
- Tall box (5 ¼ x 5 ¼ x 3 ¾") accommodates tall tubes and vials (4 - 5mL).
- Boxes are vented for rapid freezing.
- Keyed grid prevents mis-alignment of grid.
- Withstands temperatures from -196°C to +121°C (320° - 250°F).



L x W x H	Tube Capacity	Cat. No.
5 ¼ x 5 ¼ x 2"	100 Place	R3131
5 ¼ x 5 ¼ x 2"	81 Place	R3132
5 ¼ x 5 ¼ x 3 11/16"	81 Place	R3136
3 x 3 x 2 1/16"	25 Place	R3137

- Sold 4 per pack



## 81 & 100 Polypropylene Storage Boxes



**Durable PolarSafe storage boxes are the perfect solution for freezer storage and organization. Matte surface on box sides are suitable for printing and or labeling. Boxes withstand temperatures from -80°C to +121°C and will not degrade like cardboard boxes.**

### 81-Place Boxes

- Tight fitting lid ensures samples will not fall out; even when held upside down. Fits in standard 5 1/4" square stainless steel freezer racks.
- Holds 0.5, 1.5, and 2.0mL microtubes as well as most brands of cryogenic vials (internal & external threading).
- Alphanumeric grid for sample identification.
- Top of box is clear for visual inspection; bottom is available in four fluorescent colors, natural, or in a pack of assorted colors.
- Fits most standard 2" stainless steel freezer racks.

### 100-Place Boxes



Secure clasp

Visible grids

Reinforced hinges

- Lock-and-seal triple hinge and locking front clasp keep samples secure.
- Holds 0.5, 1.5, and 2.0mL microtubes as well as most brands of vials.
- Dual alphanumeric grid (inside and outside) for sample identification.
- Top of box is clear for visual inspection; bottom is available in four fluorescent colors, natural, or in a pack of assorted colors.
- Black box protects light-sensitive samples.



Description	Cat. No.	Description	Cat. No.
Natural 81-Place	R3116	Natural 100-Place	R3125
Blue 81-Place	R3118	Blue 100-Place	R3126
Green 81-Place	R3115	Green 100-Place	R3127
Purple 81-Place	R3119	Orange 100-Place	R3128
Orange 81-Place	R3120	Purple 100-Place	R3129
Assorted 81-Place	R3117	Black 100-Place	R3121
—	—	Assorted 100-Place	R3130

● Sold 5 per pack

## 15 & 50mL Polypropylene Storage Box

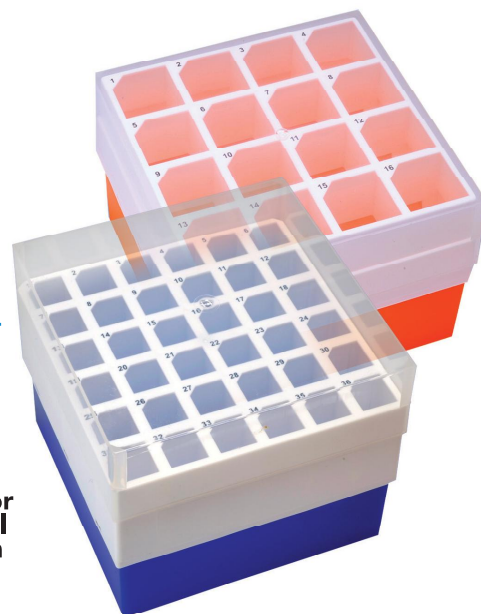


**Polypropylene freezer boxes can accommodate 15 & 50mL centrifuge tubes for long term storage; an excellent alternative to cardboard storage boxes.**

- Easy-to-read numerical grid for tube reference and identification.
- White top portion allows for easy labeling or marking.
- Accommodates most 4" stainless steel freezer racks.
- Withstand conditions from -90°C to +121°C.

Tube Size	Tube Capacity	Cat. No.
15mL	36 Place	R0015
50mL	16 Place	R0050

● Sold 2 per pack



Clear lid for easy visual inspection



# Micryo Dot & Strip Cryo Labels



Use in temperatures as low as -196°C (-320°F). Available on rolls and laser sheets for laser printers. Formatting instructions included.

- Suitable for use on microcentrifuge tubes, cryovials, racks, boxes, and microtiter plates.
- No need to self-laminate.
- Thinner labels mean tubes will still fit most storage systems.
- Easy to see – bold colors let you identify samples while in the box.
- Unique adhesive formulation for extra staying power.
- Guaranteed not to fall off under normal use (providing user instructions are followed).

### Micryo Strips

Color	For Use With	Size	Qty.	Cat. No.
White	1.5 to 2mL tubes	1 ¼ x ½" (33 x 13mm)	1000/Roll	L1271
Blue	1.5 to 2mL tubes	1 ¼ x ½" (33 x 13mm)	1000/Roll	L1286
Red	1.5 to 2mL tubes	1 ¼ x ½" (33 x 13mm)	1000/Roll	L1287
Green	1.5 to 2mL tubes	1 ¼ x ½" (33 x 13mm)	1000/Roll	L1288
Yellow	1.5 to 2mL tubes	1 ¼ x ½" (33 x 13mm)	1000/Roll	L1289
Purple	1.5 to 2mL tubes	1 ¼ x ½" (33 x 13mm)	1000/Roll	L1290
White	.2mL PCR tubes	¾ x ¼" (20 x 6mm)	1000/Roll	L1273

### Micryo Dots

Color	For Use With	Size	Qty.	Cat. No.
White	0.5 to 1.5mL tubes	⅜" dia. (9.5mm)	1000/Roll	L1274
White	0.5 to 1.5mL tubes	⅜" dia. (9.5mm)	5000/Roll	L1275
Rainbow	0.5 to 1.5mL tubes	⅜" dia. (9.5mm)	5000/Roll	L1292
White	1.5 and 2mL tubes	½" dia. (13mm)	1000/Roll	L1182
White	15 and 50mL tubes	¾" dia. (19mm)	5000/Roll	L1277

# Micryo Dot & Strip Cryo Labels (for Laser Printers)



Use in temperatures as low as **-196°C (-320°F)**. Available on rolls and laser sheets for laser printers. Formatting instructions included.

- Suitable for use on microcentrifuge tubes, cryovials, racks, boxes, and microtiter plates.
- No need to self-laminate.
- Thinner labels mean tubes will still fit most storage systems.
- Easy to see – bold colors let you identify samples while in the box.
- Unique adhesive formulation for extra staying power.
- Guaranteed not to fall off under normal use (providing user instructions are followed).



## Micryo Strips for Laser Printers

Color	For Use With	Size	Qty.	Cat. No.
White	0.5mL tubes	1 x ½" (25 x 13mm)	119 Labels/Sheet (20 sheets)	L1281
White	1.5 to 2mL tubes	1 ¼ x ½" (33 x 13mm)	85 Labels/Sheet (20 sheets)	L1279
Rainbow	1.5 to 2mL tubes	1 ¼ x ½" (33 x 13mm)	85 Labels/Sheet (25 sheets)	L1280
White	Racks/boxes	2 ⅝ x 1" (67 x 25mm)	30 Labels/Sheet (20 sheets)	L1283
White	96/384 plates	1 ½ x ¼" (38 x 6mm)	156 Labels/Sheet (20 sheets)	L1284
Rainbow	96/384 plates	1 ½ x ¼" (38 x 6mm)	156 Labels/Sheet (25 sheets)	L1285

## Micryo Dots for Laser Printers

Color	For Use With	Size	Qty.	Cat. No.
White	0.5 to 1.5mL tubes	⅜" dia. (9.5mm)	192 Labels/Sheet (20 sheets)	L1181
White	1.5 to 2.0mL tubes	½" dia. (13mm)	192 Labels/Sheet (20 sheets)	L1291
White	15 to 50mL tubes	¾" dia. (19mm)	108 Labels/Sheet (20 sheets)	L1278

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