



thermo scientific

Everything You Need to Protect Your Samples

Thermo Scientific Cold Storage Tubes and Accessories

Find it at eu.fishersci.com

 **fisher** scientific
part of Thermo Fisher Scientific



Maximize Storage Space and Decrease Cost

You can decrease the cost to store your samples by HALF simply by maximizing your storage space.

The cost to store samples is not limited to the sample tube itself. Always consider the cost of freezers, the floor space they take up in your laboratory and the power they consume. By simply switching from standard 1.0-2.0mL cryogenic tubes in a 9 x 9 format to a dense, 13 x 13 format Cryobox and 1.0mL Thermo Scientific™ Nunc™ Cryobank™ tubes, you can double your sample storage.

Learn more about our cold storage equipment!

See our full line of freezers, refrigerators and other cold storage solutions at eu.fishersci.com



Thermo Scientific Sample Storage Products

● Nunc Cryobank Tubes	2
● Nunc Universal Tubes	3
● Nunc Cryo Storage Tubes and Accessories	4
● Nalgene Cryo Storage Tubes and Accessories	6
● Barcoded tubes	8
● Dense Storage	9
● Cryoware Boxes	10
● Other Accessories	11
● Mr. Frosty Freezing Container	12
● Dewar Flasks and Labtop Coolers	13
● Compatibility Charts	14

Researchers worldwide protect more than two billion samples inside Thermo Scientific™ cold storage equipment. With proven solutions including +4°C refrigerators down to -196°C cryogenic freezers and Thermo Scientific™ Nunc™ and Nalgene™ tubes and accessories, you are free to concentrate on your work without worrying about the security of your valuable samples.

Nunc and Nalgene products are the best cryogenic storage systems on the market; together, they provide everything you need. The Nalgene externally threaded portfolio offers options for genomic applications, hand operated use and limited contamination risk. Nunc internally- or externally-threaded tubes, Thermo Scientific™ Nunc™ Cryobank™ Tubes and Nunc Universal System Tubes serve biobanking, pharma and high throughput applications.



Nunc Cryobank Tubes

Barcoded Storage Tubes

Rely on Thermo Scientific™ Nunc™ Cryobank™ and Bank-It™ tubes for reliable storage of your biological samples at temperatures down to vapor phase of liquid nitrogen. Cryobank and Bank-It Tubes are provided standard with a permanent laser-etched 2D barcode for secure sample tracking. The 0.5 and 1.0mL tubes are supplied in a standard ANSI microplate-footprint locking rack. The 2.0 and 5.0mL tubes are supplied in a non-locking ANSI microplate-standard footprint rack featuring a latched lid design that is compatible with manual or automated use. Bulk packaged configurations are available for all sizes, and 0.5mL and 1.0mL tubes are available with color caps. Sterile, polypropylene.



Stringent Quality Control. 2D barcodes are scanned for 100% readability and checked against a full database of previous barcodes to ensure no duplicates across the Cryobank and Thermo Scientific™ Matrix™ storage tube product lines. Leak testing validation performed during the manufacturing process to ensure sample integrity is maintained.

Certified to meet your storage needs

- CE marked
- 0.5 and 1.0mL tubes conform to IATA requirements for transportation
- Certified DNase-, RNase-, pyrogen-, and toxin-free
- Sterility assurance level 10^{-6} for the most sensitive sample storage

Cat. No	Volume, mL	Description	Barcoding	Packaging	Tubes Per Pack/Case	Rack Type
10741224	0.5	Cryobank tube, natural cap	2D	Rack	96/960	Locking
12664526	0.5	Cryobank tube, blue cap	2D	Rack	96/960	Locking
12684526	0.5	Cryobank tube, red cap	2D	Rack	96/960	Locking
12674526	0.5	Cryobank tube, green cap	2D	Rack	96/960	Locking
10533933	0.5	Bank-it tube, natural cap	2D	Rack	96/960	Locking
331851	0.5	Cryobank tube, natural cap	2D	Bulk	96/960	-
10054632	0.5	Cryobank tube, natural cap	Uncoded	Rack	96/960	Locking
10044632	0.5	Cryobank tube, natural cap	Uncoded	Rack	96/192	Locking
10257752	0.5	Cryobank tube, natural cap	Uncoded	Bulk	96/960	-
10136412	1.0	Cryobank tube, natural cap	2D	Rack	96/960	Locking
12644526	1.0	Cryobank tube, green cap	2D	Rack	96/960	Locking
12654526	1.0	Cryobank tube, red cap	2D	Rack	96/960	Locking
12634526	1.0	Cryobank tube, blue cap	2D	Rack	96/960	Locking
374137	1.0	Cryobank tube, natural cap	2D	Bulk	96/960	-
10309822	1.0	Cryobank tube, natural cap	Uncoded	Rack	96/960	Locking
10320013	1.0	Cryobank tube with white patch, natural cap	Uncoded	Bulk	96/960	-
15201866	1.0	Cryobank tube with white patch, natural cap	Uncoded	Bulk	169/845	-
10543933	1.0	Bank-it tube, natural cap	2D	Rack	96/960	Locking
10538219	2.0	Cryobank tube, natural cap	2D + Human Readable	Rack	48/480	Universal latch
11381655	2.0	Cryobank tube, natural cap	2D + Human Readable	Bulk	48/960	-
10489788	2.0	Cryobank tube, natural cap	Uncoded	Rack	48/480	Universal latch
11776964	2.0	Cryobank tube, natural cap	Uncoded	Bulk	48/960	-
10588779	5.0	Cryobank tube, natural cap	2D + Human Readable	Rack	48/480	Universal latch
11796964	5.0	Cryobank tube, natural cap	2D + Human Readable	Bulk	48/528	-
15523714	5.0	Cryobank tube, natural cap	Uncoded	Rack	48/480	Universal latch
11786964	5.0	Cryobank tube, natural cap	Uncoded	Bulk	48/528	-

Universal Tubes

Thermo Scientific™ Nunc™ Universal Tubes are available racked or in bulk, with 2D barcodes or non-coded to serve every need. Part of the Universal System, these tubes offer the best features of the Thermo Scientific storage tube portfolio: universal cap, universal latch rack, and free-standing tube design - all for either benchtop or automation use. Available in 1.8mL external-thread, 2.0mL internal-thread, and 5.0mL external-thread tissue tube designs, Nunc Universal Tubes offer key options for your sample storage applications.



Ideal for both low throughput benchtop use and high throughput automation.

- Tubes feature graduations and a white patch for manual marking
- 1.8 and 2.0mL tubes are compatible with Nunc handheld and Capit-All decappers
- Racked tubes feature microplate-footprint design and are automation pickable
- 2D barcode is compatible with readers

Universal Cap Design Ensures Secure Storage.

- Single piece construction with a molded-in gasket cannot be overtightened
- Thermoplastic elastomer gasket handles room temperature down to VPLN

Secure Tracking in all Applications.

- Permanently-bonded laser-etched barcode on each tube
- High-resolution unique barcode enables tube tracking
- Every barcode is scanned to ensure readability and uniqueness

Stringent Quality Control. Every 2D barcoded storage tube is scanned to ensure readability. All barcodes are checked against our database of previously-assigned codes to prevent duplicates. Every tube has a Sterility Assurance Level of 10^{-6} and is made with class VI medical grade resins.

Cat. No	Description	Barcoding	Marking	Tubes Per Pack/Case
10199012	Nunc 1.8mL Tube, External Thread Universal, in Universal Latch Rack	2D on tube bottom	White patch and graduations	48/480
13406113	Nunc 1.8mL Tube, External Thread Universal, in Universal Latch Rack	None	White patch and graduations	48/480
13416113	Nunc 1.8mL Tube, External Thread Universal, Bulk	2D on tube bottom	White patch and graduations	48/480
374502NOV	Nunc 1.8mL Tube, External Thread Universal, Bulk	2D on tube bottom 1D on tube side	White patch and graduations	48/480
13426113	Nunc 1.8mL Tube, External Thread Universal, Bulk	None	White patch and graduations	48/480
13426123	Universal Latch Rack for Nunc 1.8mL, Tubes	—	—	10 empty racks
15287368	Nunc 2.0mL Tube, Internal Thread Universal, in Universal Latch Rack	2D on tube bottom	White patch and graduations	48/480
15297368	Nunc 2.0mL Tube, Internal Thread Universal, in Universal Latch Rack	None	White patch and graduations	48/480
15207378	Nunc 2.0mL Tube, Internal Thread Universal, Bulk	2D on tube bottom	White patch and graduations	48/480
15217378	Nunc 2.0mL Tube, Internal Thread Universal, Bulk	None	White patch and graduations	48/480
15227378	Universal Latch Rack for Nunc 2.0mL Tubes	—	—	10 empty racks
15204147	Nunc 5.0mL Tube, Low Profile External Thread Universal, in Universal Latch Rack	2D on tube bottom	White patch and graduations	24/240
15292986	Nunc 5.0mL Tube, Low Profile External Thread Universal, in Universal Latch Rack	None	White patch and graduations	24/240
15297458	Nunc 5.0mL Tube, Low Profile External Thread Universal, Bulk	2D on tube bottom	White patch and graduations	240
15207468	Nunc 5.0mL Tube, Low Profile External Thread Universal, Bulk	None	White patch and graduations	240
15217468	Universal Latch Rack for Nunc 5.0mL Low Profile Tubes	—	—	10 empty racks

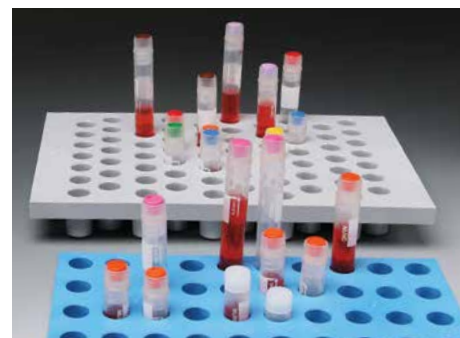
Tested and Certified for demanding applications



Cryogenic Storage Tubes

Nunc cryogenic storage tubes and accessories are designed to work together and provide the best solutions for the most trusted sample storage in applications such as:

- Irreplaceable high value content storage including peace of mind when storing down to VPLN
- Tissue, cells, blood storage for biobanking
- Regulated applications



Cat. No.	Size, mL	Thread Style	Bottom Style	Anti-Rotation Base	Self Standing	Printed	Sterile	Vapor LN ₂ (to -196°C)	Universal Latch Rack Available	No. per Pk/Cs.
10257752*	0.5	internal	conical	yes	yes	no	yes	yes	yes	96/960
10320013*	1.0	internal	conical	yes	yes	no	yes	yes	yes	96/960
10544641	1.0	external	conical	yes	yes	yes	yes	yes	no	50/500/2000
11391655	1.0	external	round	no	no	yes	yes	no**	no	50/500/2000
10545601	1.0	external	conical	yes	yes	no	yes	yes	no	50/500/2000
10654721	1.0	internal	conical	yes	yes	yes	yes	yes	yes	50/500/2000
10529881	1.0	internal	conical	no	yes	yes	yes	yes	yes	50/500/2000
10669071	1.8	external	round	yes	yes	yes	yes	yes	no	50/450/1800
11331625	1.8	external	round	no	no	yes	yes	no**	no	50/500/2000
10080601	1.8	external	round	yes	yes	no	yes	yes	no	50/450/1800
10577391	1.8	internal	round	yes	yes	yes	yes	yes	yes	50/450/1800
10674511	1.8	internal	round	no	yes	yes	yes	yes	yes	50/450/1800
10004220	1.8	internal	round	no	no	yes	yes	yes	yes	50/500/2000
10452802	1.8	internal, NC	round	no	no	yes	no	yes	yes	500/2500
10070731	3.6	internal	round	yes	yes	yes	yes	yes	yes	50/400/1600
10789871	3.6	internal	round	no	no	yes	yes	yes	yes	50/400/1600
10173772	3.6	internal, NC	round	no	no	yes	no	yes	yes	250/1500
11381615	4.5	external	round	yes	yes	yes	yes	yes	no	50/300/1200
11311635	4.5	external	round	yes	yes	no	yes	yes	yes	50/300/1200
11361675	4.5	internal	round	yes	yes	yes	yes	yes	yes	50/300/1200
11331645	4.5	internal	round	no	no	yes	yes	yes	yes	50/300/1200

* Cryobank Tubes **Suitable for storage down to -80°C only. NC: No Cap

Features of these premium products include:

- Compliance with IATA for shipping and CE marked for diagnostic sample storage in the EU
- Low cellular adhesion and low protein binding
- Non-cytotoxic, non-mutagenic plastics and pyrogen-free, IVD compatible tubes ensure sample integrity
- Tubes certified DNase- and RNase-free for genomic applications
- Certification of SAL 10^{-6} for the highest sterility assurance available
- Internally-threaded tubes suitable for storage down to the vapor phase of liquid nitrogen
- Externally threaded options can store at higher general refrigeration temperatures (+4°C)
- Extensive accessory line including microplate-footprint Universal Racks



Color Coders

Polycarbonate coders snap into the caps of Nunc CryoTubes for easy identification of samples.

Cat. No.	Color	No. per Pk/Cs.
11301795	green	500/2000
10060651	red	500/2000
10544831	pink	500/2000
11321795	orange	500/2000
11311795	yellow	500/2000
10102791	brown	500/2000
11371805	purple	500/2000
11381785	white	500/2000
11361805	gray	500/2000
11391785	blue	500/2000
10506572	assorted	500/2000



Holders

Made of autoclavable polyphenylene oxide material, this 40-tube anti-rotation holder is ideal for one-handed capping and decapping.

Cat. No.	Array	Interlocking Design	No. per Pk/Cs.
10059040	4 x 10	yes	1/15



CryoTube Mini boxes

Ideal for storing and shipping small quantities of samples.

- Holds 1.0 and 2.0mL tubes
- Friction-fit lids stay in place
- Durable high-impact construction polystyrene protects samples

Cat. No.	Color	No. per Pk/Cs.
10378321	5	350
10461482	10	200

Universal Latch Rack

Store 48 internally-threaded or 24 externally-threaded Nunc cryotubes in microplate footprint racks.

- Lids lock, pivot or lift off for use during transport, on the bench and in automation
- Microplate footprint for easy automated handling and storing tubes in the same format as other microplate footprint tubes
- 18mm spacing enables use with Thermo Scientific 8-Channel Decapper and Capit-All products, and pipettes

Cat. No.	Compatible Tubes No. of Tubes Held	No. per Pk/Cs.
12617316	Nunc Internally-Threaded Tubes from 1-1.8 mL*; holds 48 tubes	10/10
12596528	Nunc Internally-Threaded Tubes from 3.6-4.5 mL; holds 48 tubes	10/10

*Does not include Cryobank

Nunc Cryotubes Storage Tubes and Accessories



Nalgene Cryogenic Storage Tubes

Ideally suited for research and general lab storage such as:

- High value content storage
- General purpose storage applications

Features of these high quality products include:

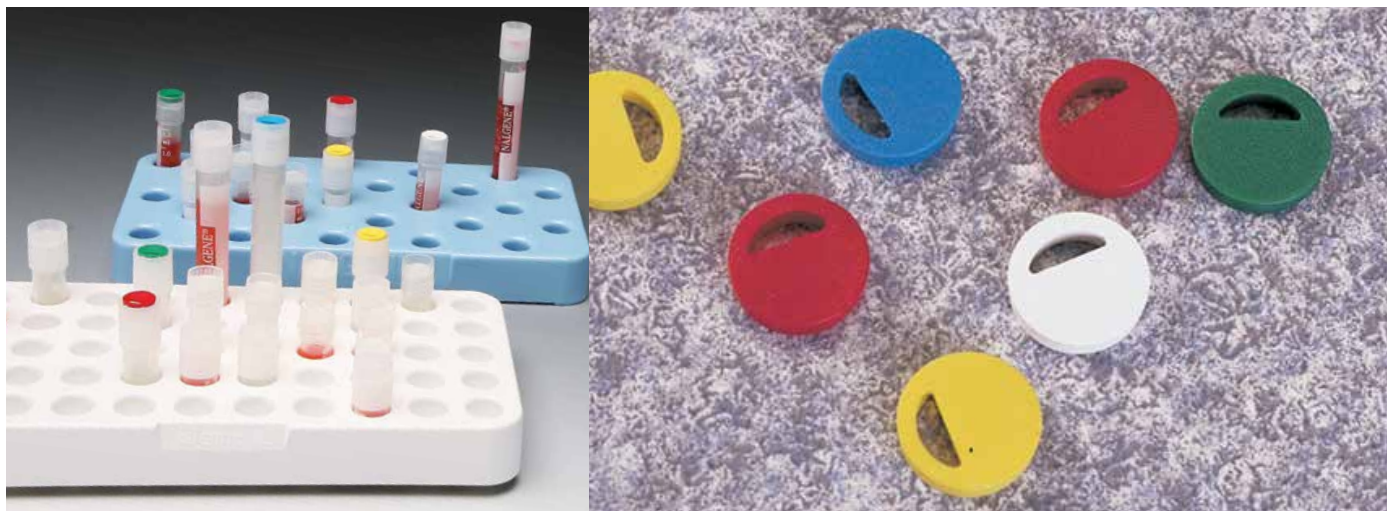
- Large writing areas accommodate more written sample information and graduations for easy visual volume assessment
- Non-cytotoxic raw materials for added sample security and tubes certified DNase- and RNase-free for genomic applications
- External threading enhances aseptic technique
- Thermo Scientific™ Nalgene™ System 100™ vials allow for maximum storage capacity and come with a gasket closure
- Certified SAL of 10⁻⁶ for the highest sterility assurance available
- Suitable for storage from general cold storage refrigeration (+4°C) down to the vapor phase of liquid nitrogen
- CE marked for storage of diagnostic samples in the EU



Cat. No.	Size, mL	Bottom Style	Anti-Rotation Base	Self Standing	Printed Writing Area	Sterile	DNase/ RNase Free	Vaapour LN2 (to -150°C)	No. per Pk/Cs.
11375644*	1.0	conical	yes	yes	yes	yes	yes	yes	25/500
11740573	1.2	conical	yes	yes	yes	yes	yes	yes	25/500
10662102	1.2	conical	yes	yes	yes	yes	yes	yes	-/1000 bulk
10199850	1.2	conical	yes	yes	yes	no	no	yes	-/1000 bulk
11385644*	1.5	conical	yes	yes	yes	yes	yes	yes	25/500
11750573	2.0	conical	yes	yes	yes	yes	yes	yes	25/500
10731432	2.0	conical	yes	yes	yes	yes	yes	yes	-/1000 bulk
10543611	2.0	conical	yes	yes	yes	no	no	yes	-/1000 bulk
11365644	5.0	conical	yes	yes	yes	yes	yes	yes	10/250
10664321	15.0	flat	no	yes	yes	yes	no	no**	5/75

* System 100™ tubes with polypropylene closure and internal silicone gasket

**Suitable for storage down to -80°C only



High quality products

for your research and laboratory applications



Color Coders

Polystyrene coders snap into the caps of Nalgene Cryogenic Tubes for easy sample identification.

Cat. No.	Colour	No. per Pk/Cs.
10644331	white	100/500
10374451	yellow	100/500
10450423	blue	100/500
10450613	green	100/500
10431193	red	100/500



Benchtop Cryogenic Tubes Holders

Anti-rotation polycarbonate holders for one-handed capping and decapping.

Cat. No.	Array	Anti-Rotation Design	No. per Pk/Cs.
10100051	5 x 10	yes	1/4
10508171*	5 x 5	yes	1/4

* Tube holders are staggered for easy tube viewing

Warning: Do not use cryogenic vials for storage in the liquid phase of liquid nitrogen unless properly sealed in Nunc CryoFlex tubing. Such use may cause entrapment of liquefied nitrogen inside the vial and lead to pressure build-up resulting in possible explosion or biohazard release.

Identify and Track your samples with ease

Thermo Scientific Cryogenic Tube Barcoding Services

Pre-label Nunc or Nalgene Cryogenic Tubes with barcodes for easy tracking of samples in databases, LIMS or Excel files. Choose from non-custom codes in stock and available to ship immediately, or customize codes to fit any system.

- Non-custom codes available and in stock for both Nalgene and Nunc Cryogenic tubes most popular sizes
- Custom codes available for nearly any Nunc or Nalgene tubes include code 128 (subset A & B or subset C), Interleave 2 of 5 and Code 39
- Robust codes are direct-printed onto white patches for high contrast, durability and readability
- Available with human readable text for the ability to read without barcode readers
- Barcodes are resistant to isopropyl alcohol, 100% butanol, 10-20% DMSO, 5% bleach, 10% acetic and hydrochloric acids and 10% NaOH
- Small minimums available to suit any size study



Custom Available Barcoded Tubes

Tube	Maximum Characters				
	Code 128 C (numeric)	Code 128A (alpha and numeric)	Code 128B (alpha and numeric)	Interleaved 2 of 5 (numeric)	Code 39 (alpha and numeric)
1.0mL Nalgene System 100	10 total (num)	N/A	N/A	10 total (num)	N/A
1.0mL Nalgene	N/A	N/A	N/A	N/A	N/A
1.2mL Nalgene	10 total (num)	N/A	N/A	10 total (num)	N/A
1.5mL Nalgene System 100	18 total (num)	12 total (9 num+3 alpha)	12 total (9 num+3 alpha)	18 total (num)	9 total (num or alpha)
1.8mL Nunc	9 total (num)	9 total (num or alpha)	9 total (num or alpha)	9 total (num)	9 total (num or alpha)
2.0mL Nalgene	18 total (num)	12 total (9 num+3 alpha)	12 total (9 num+3 alpha)	18 total (num)	9 total (num or alpha)
3.6mL Nunc	9 total (num)	14 total (9 num+5 alpha)	14 total (9 num+5 alpha)	9 total (num)	14 total (9 num+5 alpha)

Standard Available Barcoded Tubes

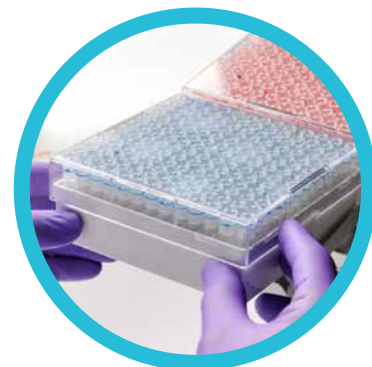
Cat. No.	Description	Human Readable	Thread Type	Volume/ Capacity	Code Type	OD (mm/in)	Height (mm/in)	No. per pack/ No. per case
373530	Nunc Cryogenic Tube	Yes	Internal	1.8 mL	Interleave 2 of 5	12.5/0.492	48/1.89	50/450/1800
5001-0012	Nalgene Cryogenic Tube	Yes	External	1.2 mL	Code 128	13.5/0.531	38.1/1.5	20/500
5001-0050	Nalgene Cryogenic Tube	Yes	External	5 mL	Code 128	13.5/0.531	92/3.622	25/250
5001-0020	Nalgene Cryogenic Tube	Yes	External	2 mL	Code 128	13.5/0.531	48.3/1.902	20/500
5001-1020	Nalgene System 100 Cryogenic Tube	Yes	External	1.5 mL	Code 128	12/0.472	48/1.89	20/500

Dense Low Temperature Storage

The Dense Low Temperature Storage System uses standard Cryobox sizes that work with the freezer racks you currently own. By using standard boxes with 13 x 13 tube separators, 169 1mL Cryobank tubes fit in a standard size Cryobox – effectively doubling your capacity, and cutting storage costs by 50%.*



Double Your Storage within the space you already have



Cat. No.	Description	Units per Pack/Case
10320013	1.0mL Cryobank Tubes, no barcode, with printed white patch, with Caps, Sterile, Loose packed	96/960
15201866	1.0 mL Cryobank Tubes, no barcode, with printed white patch, with Caps, Sterile, Loose packed	169/845
15323584	Cryobox, with 13 x 13 divider, 133 x 133 x 52, PC, white with clear lid	4/24
1787064	Storage Box with 13 x 13 (169) compartments for Cryobank Tubes (132 x 132 x 52 mm), cardboard, white	4/24
10564985	Cryobox, use to -150°C, undivided, 133 x 133 x 52 mm, PC, white with clear lid	4/24
10564985	Storage Box 13 x 13 (169) replacement divider	4/24
15183113	Picker Pen for Cryobank Cap	1/24

* Compared with a standard Cryobox that stores 81 samples



Learn more about the Dense Storage System, visit eu.fishersci.com

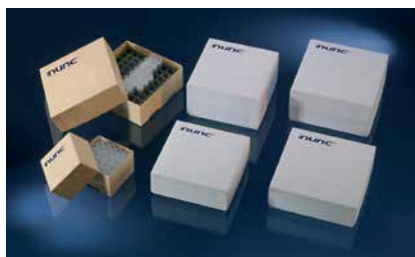


Nunc and Nalgene Cryoware Boxes



Cardboard Boxes

Nunc brown and white cardboard boxes provide economical choices for shorter term storage. The boxes can be written on with standard pens.



Cat. No.	No. of Tubes Held	For Tubes, mL	Colour	Dimensions including lid, mm	No. per Pk/Cs.
10701713	81	1.0 – 1.8	White	132 x 132 x 51	48
11321655	81	3.6	White	132 x 132 x 75	30
11311625	100	1.0 – 1.8	White	145 x 145 x 51	42
11321625	100	3.6	White	145 x 145 x 75	30
10644412	25	1.0 – 1.8	Brown	75 x 75 x 51	24
10134321	81	1.0 – 1.8	Brown	132 x 132 x 51	6
11787064*	169	1.0mL Cryobank	White	132 x 132 x 51	46
10564985	169	1.0mL Cryobank	N/A	N/A	24

* Insert only; for use with 10233091

Plastic Boxes

Break-resistant, durable polycarbonate. Additional boxes are available for microcentrifuge tubes and glass vials.

- Durable, all-plastic construction for short- or long-term storage
- Keyed lids prevent misalignment
- Autoclavable; usable temperature range of -196°C to +121°C
- Printed grid on the lid for easy inventory management

Nalgene Cryobox, white box with clear lid to view contents

Cat. No.	No. of Tubes Held	Dimensions, mm/in	No. per Pk/Cs.
10739331	25	76 x 76 x 52 / 3 x 3 x 2	8/48
10324741	81	133 x 133 x 52 / 5.25 x 5.25 x 2	4/24
10069130*	100	133 x 133 x 52 / 5.25 x 5.25 x 2	- /10
10038700	81	133 x 133 x 95 / 5.25 x 5.25 x 3.75	4/24
10038700	N/A	133 x 133 x 52 / 5.25 x 5.25 x 2	4/24
10233091	169	133 x 133 x 52 / 5.25 x 5.25 x 2	4/24

* Suitable for externally threaded tubes

Nalgene Colored Cryobox, white box with clear lid to view contents and colored insert as indicated

Cat. No.	Insert Colour	No. of Tubes Held	Dimensions, mm/in	No. per Pk/Cs.
11754703	Red	81	133 x 133 x 52 / 5.25 x 5.25 x 2	4/24
11764703	Yellow	81	133 x 133 x 52 / 5.25 x 5.25 x 2	4/24
11391514	Green	81	133 x 133 x 52 / 5.25 x 5.25 x 2	4/24
11301524	Blue	81	133 x 133 x 52 / 5.25 x 5.25 x 2	4/24
11311524	Grey	81	133 x 133 x 52 / 5.25 x 5.25 x 2	4/24
10151042	Asst.	81	133 x 133 x 52 / 5.25 x 5.25 x 2	4/24

Nunc MAX Storage Box, stackable, white box and lid

Cat. No.	No. of Tubes Held	Dimensions, mm/in	No. per Pk/Cs.
11765343	100	132 x 132 x 52 / 5.25 x 5.25 x 2.125	4/24
11765343	100	132 x 132 x 78 / 5.25 x 5.25 x 3.0625	4/24



Thermo Scientific™ Nunc™ CryoFlex™ Tube Wrap

Heat shrink/pinch each end with Nalgene or Nunc vial inside to prevent leakage of liquid nitrogen into the vial during storage.

Cat. No.	Length x ID, mm	No. per Pk/Cs.
10099010	500 x 14	15/300



Labels and Markers

Cloth labels accept markers or ballpoint pen and are specifically designed for use at ultra-low temperatures - adhere to plastic and cardboard without shrinking or peeling.

Nalgene Cryoware Labels

Cat. No.	Length x ID, mm	No. per Pk/Cs.
10634161	25 x 50 / 1 x 2	200/200

Nalgene Cryoware Marker Set and Nunc Cryo Pen

Cat. No.	Colour(s)	No. per Pk/Cs.
10314551	1 each- red, blue, green, black	4/24
11361775	1 each- red, blue, green, black	4/24
10584561	black	1/10

Nalgene Aluminum Canes and Nunc Storage Cane

Choose from standard or stepped to accommodate a variety of vial sizes and designs.

Cat. No.	Design	Length, mm/in	No. per Pk/Cs.
10100341	Stepped	290 / 11.3125	12/48
10738371	Standard	300 / 11.8125	12/48
10356091	Standard	290 / 11.3125	—/50

Aluminum Colour Coders for Canes

Attach to the end of the cane and can be written on for quick identification and inventory management.

Cat. No.	Colour	No. per Pk/Cs.
10410803	White	—/100

* US Patent No. 4,501,108

Note: Nunc Storage Cane Coders can only be used with Nunc Storage Canes. See Compatibility Chart on p. 14.

CryoSleeve™ Tubing

Transparent plastic tubing fits any Thermo Scientific Nunc or Nalgene cane. Provides extra security during handling.

Cat. No.	Design	Length, mm/in	No. per Pk/Cs.
10018840	Stepped	—/100	12/48

Freezer Racks

Durable Nalgene stainless steel and Nunc aluminum racks conveniently store standard 5-1/4 x 5-1/4" (132x132mm) cryoboxes. Freezer racks fit into most common upright and chest freezers.

Check chart on p.17 for compatibility

Cat. No.	Style	No. of Compartments	Dimensions, cm/in (W x D x H)	No. per Pk/Cs.
10674321	Vertical	4	8.3 x 8.4 x 22.5 / 3.25 x 3.375 x 8.75	1/4
10419082	Vertical	9	8.3 x 8.4 x 50.2 / 3.25 x 3.375 x 19.75	1/4
10419272	Vertical	4	14 x 14.3 x 22.5 / 5.5 x 5.625 x 8.75	1/4
11877113	Vertical	9	14 x 14.3 x 50.2 / 5.5 x 5.625 x 19.75	1/4
10504831	Vertical	4	14 x 14.3 x 40.6 / 5.5 x 5.625 x 16	1/4
10718861	Vertical	7	14 x 14.3 x 70.5 / 5.5 x 5.625 x 27.75	1/4
10547571	Horizontal	12	44.4 x 22.5 x 14.3 / 8.875 x 5.625 x 17.5	—/2
10653791	Horizontal	16	59.0 x 22.5 x 14.3 / 8.875 x 5.625 x 23.25	—/2
10326442	Vertical	12	67 x 14.3 x 14 / 26.5 x 5.625 x 5.531	1/1

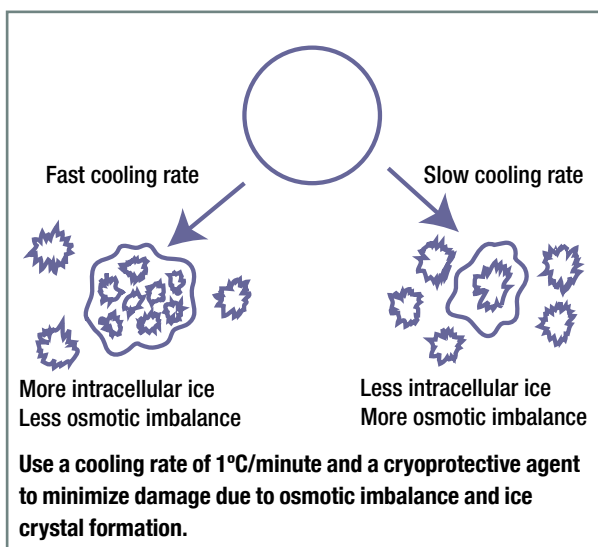


Mr. Frosty Freezing Container



Thermo Scientific™ Mr. Frosty™ Freezing Container

Once cells and a cryoprotectant have been combined and dispensed into vials, the next step is to cool the suspension. The rate of cooling is important since it affects the rate of formation and size of ice crystals, as well as the solution effects that occur during freezing. Different types of cells may require different cooling rates, however a uniform cooling rate of 1°C per minute from ambient temperature is effective for a wide variety of cells and organisms. The Mr. Frosty container provides a simple-to-use system designed to achieve a rate of cooling very close to 1°C per minute.



- Holds 12 to 18 vials and has profile height of 86 or 151 mm (3-7/16 to 5-5/16”), which saves precious freezer space during the cooling process
- Screw top lid secures samples inside in the event of accidental container tipping
- Eliminates unreliable, improvised foam container devices
- Easy to use – requires only 100% isopropyl alcohol and a mechanical freezer
- No sample contact with the alcohol: no wicking, no label removal and no compromise of vial hand printing

Mr. Frosty, polycarbonate; blue HDPE closure

Cat. No.	Tube Compatibility	Tube Capacity	Dimensions OD x H, mm	Colour	No. per Pk/Cs.
10110051	1.0-2.0mL	18	117 x 86	Clear/blue lid	1
11315674	3.6mL	12	117 x 151	Clear/blue lid	1
11325674	4.5-5.0mL	12	117 x 151	Clear/blue lid	1



HDPE Dewar Flasks

For short term storage of samples in liquid nitrogen, dry ice-solvent mixtures or ice water.

- High density polyethylene base and cover with polyethylene coated handle for strong, shatterproof performance
- Use from -196°C to +100°C
- Pour spout and bottom grip area for ease of pouring out used liquids
- Vented, insulated cover allows for vapor escape but maintains sample temperature

Nalgene Dewar Flasks, HDPE

Cat. No.	Capacity, L	Mouth I.D., mm/in	Inside Depth, mm/in	Overall Height, mm/in	No. per Pk/Cs.
10149270	1	96/3.8	195/7.7	251/9.9	1/4
10693121	2	122/4.8	231/9.1	282/11.1	1/2
10782702	4	158/6.2	295/11.6	353/13.9	1/2
10007910	10	198/7.8	396/15.6	470/18.5	—/1

Nalgene and Nunc Labtop Coolers

Protect enzymes, cells, reagents and solutions by maintaining freezer temperatures while on the laboratory bench.

- Maintain freezer temperature during the frost-free cycle, power failure and accidental door opening
- Hold 12, 20 or 32 tubes
- Inserts are included for use with 0.2– 0.5mL microcentrifuge tubes
- Printed grid on one-way keyed lid for proper orientation and sample identification
- Molded of impact-resistant polycarbonate
- Stackable, with locking handle

LabTop Coolers, polycarbonate

Cat. No.	Style	No. of Compartments	Temp. Rating °C	Holds Temp., hours	Dimensions, mm/in (L x W x H)	No. per Pk/Cs.
10089140	Non filled/clear	3 x 4	0	<1°C, 3.5	151 x 108 x 125 / 5.3215 x 4.25 x 4.9375	1/1
10778391	Gel-filled/white	4 x 8	0	<1°C, 5.0	243 x 157 x 146 / 9.5625 x 6.1875 x 5.75	1/1
10292581	Non filled/clear	3 x 4	-20	<15°C, 1	151 x 108 x 125 / 5.3125 x 4.25 x 4.9375	1/1
10252631	Gel-filled/white	4 x 8	-20	<15°C, 2	243 x 157 x 146 / 9.5625 x 6.1875 x 5.75	1/1
10777232	Non filled/clear	4 x 5	-20	<15°C, 1	226 x 165 x 133 / 8.9375 x 6.5 x 8.25	1/1

Compatibility Chart for Nunc and Nalgene Cryogenic Tubes, Holders and Coders

TUBES		HOLDERS		CODERS		
Cat. No.	Size, mL	Nalgene Cat. No. 10508171	Nalgene Cat. No. 10100051	Nunc Cat. No. 10059040	Nalgene Cat. No. 5045-series	Nunc Cat. No. 11381785, 11391785, 10060651, 11301795, 11311795, 11321795, 10544831, 10102791, 11361805
Nalgene	10344691	1.2	●	●	●	●
	10344691	2.0	●	●	●	●
	11365644	5.0	●	●	●	●
	11375644	1.0	●	●	●	●
	11385644	1.5	●	●	●	●
	10199850	1.2	●	●	●	●
	10543611	2.0	●	●	●	●
	10662102	1.2	●	●	●	●
	10731432	2.0	●	●	●	●
	10205212	1.2	●	●	●	●
	10738324	2.0	●	●	●	●
	10653513	5.0	●	●	●	●
	10758514	1.5	●	●	●	●
Nunc	10633452	4.5		●	●	●
	10534641	1.8		●	●	
	10545601	1.0		●	●	●
	10080601	1.8		●	●	●
	10356331	4.5		●	●	●
	11391655	1.0			●	
	10544641	1.0		●	●	●
	10669071	1.8		●	●	●
	10004220	1.8		●	●	●
	10358131	4.5		●	●	●
	10789871	3.6		●	●	●
	10529881	1.0		●	●	●
	10674511	1.8		●	●	●
	10654721	1.0		●	●	●
	10577391	1.8		●	●	●
	10716922	4.5		●	●	●
	10070731	3.6		●	●	●
	10452802	1.8		●	●	●
10173772	3.6		●	●	●	

- Anti-rotation tube base for one-handed capping/decapping
- Skirted base for free-standing capability
- Color coders snap into cap

Compatibility Chart for Thermo Scientific Nunc and Nalgene Storage Boxes, Canes and Color Coders

TUBE			BOXES								
			Nalgene Cat No.				Nunc Cat No.				
Cat No.	Size, mL	10739331	10324741 867013-024X	10069130	10038700	10479572	11765343 11311625	10701713	10644412	11321655	11321625
Nalgene	11740573 10205212	1.2	●	●				●	●		
	10344691 10738324	2.0	●	●				●	●		
	11365644 10653513	5.0				●					
	11375644	1.0	●	●	●		●	●	●		
	11385644 10758514	1.5	●	●	●		●	●	●		
	10199850	1.2	●	●				●	●		
	10543611	2.0	●	●				●	●		
	10662102	1.2	●	●				●	●		
	10731432	2.0	●	●				●	●		
Nunc	10633452	4.5				●					
	10534641	1.8	●	●				●	●		
	10545601	1.0	●	●				●	●		
	10080601	1.8	●	●				●	●		
	10356331	4.5				●					
	10004220 10452802	1.8	●	●	●		●	●	●		
	10358131	4.5				●					
	10789871 10173772	3.6					●			●	●
	10529881	1.0	●	●	●		●	●	●		
	10674511	1.8	●	●	●		●	●	●		
	10030711	1.0						●	●		
	10544641	1.0	●	●				●	●		
	10669071	1.8	●	●				●	●		
	10654721	1.0	●	●	●		●	●	●		
	10577391	1.8	●	●	●		●	●	●		
	10716922	4.5				●					
	10070731	3.6					●			●	●

● Compatible

Note: Nunc storage box dividers will not fit in Nalgene 5050-0001 storage box

Compatibility

Compatibility Chart for Nunc and Nalgene Cryogenic Tubes, Holders and Coders (continued)

TUBES		CANES			
	Cat No.	Size, mL	Nalgene Cat. No. 10100341	Nalgene Cat. No. 10738371	Nunc Cat. No. 10356091
Nalgene	11740573	1.2	●	●	●
	10344691	2.0	●	●	●
	11365644	5.0		●	●
	11375644	1.0	●	●	●
	11385644	1.5	●	●	●
	10199850	1.2	●	●	●
	10543611	2.0	●	●	●
	10662102	1.2	●	●	●
	10731432	2.0	●	●	●
	10205212	1.2	●	●	●
	10738324	2.0	●	●	●
	10653513	5.0		●	●
	10758514	1.5	●	●	●
Nunc	10633452	4.5		●	●
	10534641	1.8	●	●	●
	10545601	1.0	●	●	●
	10080601	1.8	●	●	●
	10356331	4.5		●	●
	10004220	1.8	●	●	●
	10358131	4.5		●	●
	10789871	3.6		●	●
	10529881	1.0	●	●	●
	10674511	1.8	●	●	●
	10030711	1.0	●	●	●
	10544641	1.0	●	●	●
	10669071	1.8	●	●	●
	10654721	1.0	●	●	●
	10577391	1.8	●	●	●
	10716922	4.5		●	●
	10070731	3.6		●	●
	10452802	1.8	●	●	●
	10173772	3.6		●	●

CANES		COLOR CODERS
	Cat No.	Nalgene Cat. No. 10410803
Nalgene	10100341	●
	10738371	●
Nunc	10356091	●

● Compatible

Note: Nalgene CryoSleeve Cat. No. 10018840 will fit over the above 3 canes.

Compatibility Chart for Nunc and Nalgene Accessories

VIALS		MR. FROSTY			CRYOTUBE CONTAINERS		
	Cat No.	Size, mL	Nalgene Cat. No. 10110051	Nalgene Cat. No. 11315674	Nalgene Cat. No. 11325674	Nunc Cat. No. 10378321	Nunc Cat. No. 10461482
Nalgene	11740573	1.2	●			●	●
	10205212	2.0	●			●	●
	10344691	5.0			●		
	10738324	5.0					
	11375644	1.0	●			●	●
	11385644	1.5	●			●	●
	10758514	1.5	●			●	●
	10199850	1.2	●			●	●
	10543611	2.0	●			●	●
	10662102	1.2	●			●	●
	10731432	2.0	●			●	●
Nunc	10633452	4.5			●		
	10534641	1.8	●			●	●
	10545601	1.0	●			●	●
	10080601	1.8	●			●	●
	10356331	4.5			●		
	10004220	1.8	●			●	●
	10452802	1.9	●			●	●
	10358131	4.5			●		
	10789871	3.6		●			
	10173772	3.6					
	10529881	1.0	●			●	●
	10674511	1.8	●			●	●
	10030711	1.0	●			●	●
	10544641	1.0	●			●	●
	10669071	1.8	●			●	●
	10654721	1.0	●			●	●
	10577391	1.8	●			●	●
10716922	4.5			●			
10070731	3.6		●				

● Compatible

Compatibility Chart for Thermo Scientific Nunc and Nalgene Cryobox Racks

BOXES		RACKS								
		Nalgene Cat No.							Nunc Cat No.	
Cat No.		10674321	10419082	10419272	11877113	10504831	10718861	10547571	10653791	10326442
Nalgene	10739331	●	●							
	10324741			●	●			●	●	●
	10069130			●	●			●	●	●
	10038700					●	●			
	10233091			●	●			●	●	●
	11754703			●	●			●	●	●
	11764703			●	●			●	●	●
	11391514			●	●			●	●	●
	11301524			●	●			●	●	●
	11311524			●	●			●	●	●
10151042			●	●			●	●	●	
Nunc	10479572					●	●			●
	11765343			●	●			●	●	●
	10134321			●	●			●	●	●
	10644412	●	●							
	10701713			●	●			●	●	●
	11321655					●	●			●
	11311625									
	11321625									

● Compatible

Compatibility Chart for Labtop Coolers

TUBES		LABTOP COOLERS				
Cat No.	Size, mL	Nalgene Cat. No. 10089140	Nalgene Cat. No. 10778391	Nalgene Cat. No. 10292581	Nalgene Cat. No. 10252631	Nunc Cat. No. 10777232
Nalgene	11740573	●	●	●	●	●
	10344691	●	●	●	●	●
	11365644					
	11375644	●	●	●	●	●
	11385644	●	●	●	●	●
	10199850	●	●	●	●	●
	10543611	●	●	●	●	●
	10662102	●	●	●	●	●
	10731432	●	●	●	●	●
	10205212	●	●	●	●	●
	10738324	●	●	●	●	●
	10653513					
	10758514	●	●	●	●	●

● Compatible

Note: Nunc Tubes are not compatible with Nalgene Labtop Coolers

TUBES		LABTOP COOLERS
Cat No.	Size, mL	Nunc Cat. No. 10777232
Nunc	10633452	
	10534641	●
	10545601	●
	10080601	●
	10356331	
	10030711	
	10544641	●
	10669071	●
	10004220	●
	10358131	
	10789871	
	10529881	●
	10674511	●
	10654721	●
	10577391	●
	10716922	
	10070731	
	10452802	●
10173772		

thermo scientific

Distributed by Fisher Scientific. Contact us today:

Austria: fishersci.at **Belgium:** fishersci.be **Denmark:** fishersci.dk
Germany: fishersci.de **Ireland:** fishersci.ie **Italy:** fishersci.it
Finland: fishersci.fi **France:** fishersci.fr **Netherlands:** fishersci.nl
Norway: fishersci.no **Portugal:** fishersci.pt **Spain:** fishersci.es
Sweden: fishersci.se **Switzerland:** fishersci.ch **UK:** fishersci.co.uk

© 2022 Thermo Fisher Scientific Inc. All rights reserved.

Trademarks used are owned as indicated at fishersci.com/trademarks.

 **fisher scientific**
part of Thermo Fisher Scientific