#### **fisher**brand



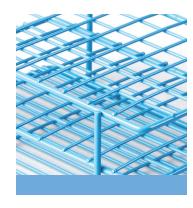
### Fisherbrand Cold Chain Solutions



### Complete Cold Chain Management

Fisherbrand™ Cold Chain Solutions include everything needed to ensure a constant temperature for products that are not heat stable (vaccines, sera, tests, etc.), from the time they're manufactured until they're used.





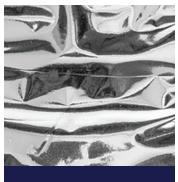
Specimen Collection

brand CLO.FC-VO

Storage **8-12** 



Monitoring 13-17



Shipping 17-19

3-7

#### Specimen Collection

### Fisherbrand™ Polyurethane Ice Containers

Use with liquid nitrogen, dry ice, water ice, and salt solutions.

- Choose buckets or pans
- Capacities: 1 to 9L





Capacity	Type	Color	Cat. No.
2.5L	Bucket	Blue	03-395-159
2.5L	Bucket	Green	03-395-160
2.5L	Bucket	Purple	03-395-161
4L	Bucket	Blue	03-395-162
4L	Bucket	Green	03-395-163
4L	Bucket	Purple	03-395-164

#### Fisherbrand™ Microcentrifuge Tubes with Tether Cap

Choose from three sizes of microtubes, sterile or nonsterile, and with round or skirted bottoms

- Natural-colored polypropylene
- Polypropylene caps attached with leash-and-loop tether
- Caps have ethylene/propylene O-rings



Style	Capacity	Sterile	Quantity	Cat. No.
Round Bottom	0.5mL	No	5,000/Case	02-707-350
Round Bottom	0.5mL	Yes	2,500/Case	02-707-351
Round Bottom	1.5mL	No	5,000/Case	02-707-352
Round Bottom	1.5mL	Yes	2,500/Case	02-707-353
Round Bottom	2mL	No	5,000/Case	02-707-354
Round Bottom	2mL	Yes	2,500/Case	02-707-355
Skirted Bottom	0.5mL	No	5,000/Case	02-707-356
Skirted Bottom	0.5mL	Yes	2,500/Case	02-707-357
Skirted Bottom	1.5mL	No	5,000/Case	02-707-358
Skirted Bottom	1.5mL	Yes	2,500/Case	02-707-359
Skirted Bottom	2mL	No	5,000/Case	02-707-360
Skirted Bottom	2mL	Yes	2,500/Case	02-707-361



#### Specimen Collection

## Fisherbrand<sup>™</sup> Labels for Cryogenic Storage

Use with liquid nitrogen, refrigeration, and ultra-low-temperature freezer applications.

- Adhesive withstands temperatures from -196°C to +121°C (-321°F to +250°F)
- No need to self-laminate
- Thinner labels allow tubes to fit most storage systems



Color	Dimensions	For Tube Sizes	Quantity	Cat. No.
Rectangular Labels				
White				15-910-A
Blue				15-910-B
Red	0.5 v 1.25 in (1.2 v 2.1 am)	1.5 to 2mL Tubes	1.000/Poll	15-910-C
Green	0.5 x 1.25 in. (1.2 x 3.1cm)	1.5 to 2IIIL Tubes	1,000/Roll	15-910-D
Yellow				15-910-E
Purple				15-910-F
White	0.25 x 0.75 in. (3.1 x 1.9cm)	0.2mL PCR Tubes	1,000/Roll	15-910-G
Round Labels				
White			1,000/Roll	15-920-A
White	Dia: 0.375 in. (0.95cm)	0.5 to 1.5mL Tubes	5,000/Roll	15-920-B
Assorted				15-920-C
White	Dia: 0.5 in. (13cm)	1.5 to 2mL Tubes	1,000/Roll	15-920-D
White	Dia: 0.75 in. (19cm)	15 and 50mL Tubes	1,000/Roll	15-920-E

## Fisherbrand<sup>™</sup> Poxygrid<sup>™</sup> Centrifuge Tube Racks

Made of epoxy-coated steel wire with 30mm square openings.

- Temperature range: -223°C (-369°F) to 121°C (250°F)
- Can be autoclaved
- Sold individually or in a case of 12 racks

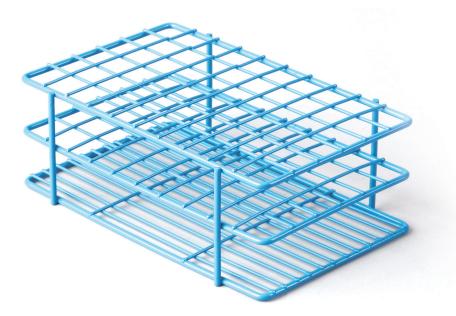


Positions	Dimensions (L x W x H)	Cat. No.
8	3 x 5.5 x 3.5 in. (7.6 x 14 x 8.9cm)	14-791-6A
16	8.25 x 8.25 x 3.5 in. (21 x 21 x 8.9cm)	14-791-6B
36	5.5 x 5.5 x 3.5 in. (14 x 14 x 8.9cm)	14-791-6C

#### Fisherbrand™ Poxygrid™ Test Tube Racks

Chemical and corrosion-resistant steel wire coated with heat-cured epoxy for long life and easy cleaning.

- Temperature range: -223°C (-369°F) to 121°C (250°F)
- Can be autoclaved
- Sold individually or in a case of 12 racks



Maximum Tube Dia.	Positions	Array	Dimensions (L x W x H)	Cat. No.
40mm	24	3 x 8	14 x 5.5 x 4 in.	14-793-1
4011111	48	6 x 8	14 x 10.6 x 3.9 in.	14-793-2
30mm	24	3 x 8	10.9 x 4.25 x 3.25 in.	14-793-3
Somm	48	6 x 8	10.9 x 8.1 x 4 in.	14-793-4
25mm	80	8 x 10	11.6 x 9.6 x 3.25 in.	14-793-5
2511111	40	4 x 10	11.5 x 5 x 3.25 in.	14-793-6
22mm	40	4 x 10	10.4 x 4.6 x 3.25 in.	14-793-7
22111111	80	8 x 10	10.4 x 8.4 x 3.5 in.	14-793-8
20mm	40	4 x 10	9.6 x 4.3 x 3.25 in.	14-793-9
	80	8 x 10	9.6 x 8 x 3.25 in.	14-793-10
	48	4 x 12	9.5 x 3.6 x 2.5 in.	14-793-11
16mm	72	6 x 12	9.5 x 5.1 x 2.5 in.	14-793-12
	108	9 x 12	9.5 x 7.43 x 2.5 in.	14-793-13
1000	72	6 x 12	8.1 x 4.4 x 2.5 in.	14-793-14
13mm	108	9 x 12	8.1 x 6.5 x 2.5 in.	14-793-15



#### Specimen Collection

#### Fisherbrand<sup>™</sup> Polypropylene Microtube Storage Racks

Instantly organize microcentrifuge tubes in any lab.

- One side holds 0.2mL thin-walled PCR tubes; opposite side holds 1.5mL to 2mL tubes
- Can be autoclaved at 121°C (250°F)
- Sold 5 per pack or 20 racks per case





Color	Cat. No.	Color	Cat. No.
Natural	05-541	Fluorescent Blue	05-541-20
Red	05-541-6A	Fluorescent Green	05-541-21
Blue	05-541-2	Fluorescent Orange	05-541-22
Green	05-541-3	Fluorescent Pink	05-541-23
Orange	05-541-4	Fluorescent Yellow	05-541-24
Pink	05-541-5	Assorted Fluorescent	05-541-25
Yellow	05-541-7		
Assorted*	05-541-1		

<sup>\*</sup>One each: Blue, Green, Orange, Yellow, Red

#### Fisherbrand<sup>™</sup> Controlled Freeze Cubes

Provide consistent, reliable sample freezing to prevent temperature shock.

- Convenient shape for stacking and storage
- Choice of three colors
- Sold individually or in a case of 20 cubes



Color	Capacity	Dimensions (L x W x H)	Cat. No.
Purple			13-131-014
Green	12 Wells	5.3 x 5.2 x 4.5 in.	13-131-016
Blue			13-131-017

#### Fisherbrand<sup>™</sup> Controlled Freeze Cube XL

A quick, clean, and cost-effective solution to the cell preservation process.

- Flexible configuration holds 30 (1 to 2mL) vials or 96 (0.2mL) PCR tubes
- Cube design makes stacking and storage easy
- Sold individually or in a case of 8 cubes

Color	Capacity	Cat. No.
Purple		13-131-004
Green	30 Wells (1 to 2mL Cryogenic Vials)	13-131-005
Blue		13-131-006
Purple		13-131-007
Green	96 Wells (0.2mL PCR Tube Strips)	13-131-008
Blue		13-131-009



#### Fisherbrand<sup>™</sup> Cooling Cartridges

Designed to keep samples cold while working at room temperature.

- Provide pre-freeze constant temperature options
- Dimensions (L x W x H): 6.4 x 4.8 x 1.7 in.
- Sold individually or in a case of 9 cartridges
- For use with Fisherbrand Controlled Freeze Cube XL

Temperature Range	Cat. No.
0.5 to 4°C	13-131-010
-4 to 18°C	13-131-011



Fisherbrand<sup>™</sup>
Cooling Blocks

Black aluminum alloy cooling block keeps samples in place prior to and during freezing process.

- For use with -80°C freezer
- Designed to achieve a rate of -1°C/minute cooling, the optimal rate for cell preservation
- Sold individually or in a case of 9 blocks
- For use with Fisherbrand Controlled Freeze Cube XL

Capacity	Cat. No.
30 Well (1 to 2mL Cryogenic Vials)	13-131-012
96 Well (0.2mL PCR Tube Strips)	13-131-013



#### Fisherbrand<sup>™</sup> Undercounter Refrigerators

Solid-state cooling for increased capacity (5.5 cu. ft.) and whisper-quiet operation.

- Temperature range: 2° to 9°C
- ENERGY STAR<sup>™</sup>-rated for lower operating costs; uses green refrigerants
- Alarms for temperature, door ajar, and power failures



Capacity	External Dimensions (W x D x H)	Door Style	Cat. No.
5.5 cu. ft. (156L)	23.6 x 26.9 x 32 in. (60 x 68 x 81cm)	Glass	FBG505GA
3.3 ca. it. (130L)		Solid	FBG505SA

## Fisherbrand<sup>™</sup> Isotemp<sup>™</sup> Value Lab Refrigerators

Choose from 5.5 or 17 cu. ft. capacity models.

- Temperature range: 1° to 12°C
- · Adjustable shelves or baskets included
- Environmentally friendly, CFC-free insulation and coolant



Capacity	Exterior Dimensions (L x W x H)	Cat. No.
5.5 cu. ft.	24 x 24 x 34 in. (60 x 60 x 85cm)	05LREEFSA
17.7 cu. ft.	29 x 34 x 68 in. (72 x 86 x 172cm)	17LREEFSA

#### Fisherbrand<sup>™</sup> Isotemp<sup>™</sup> General Purpose Refrigerators

Safe, dependable, and quiet operation for your lab.

- Choose models with single or double doors in glass or stainless steel
- Alarms for temperature, door ajar, and power failure
- ENERGY STAR™ certified





#### Single-Door Models

Capacity	Exterior Dimensions (L x W x H)	Door Style	Color	Interior	Cat. No.
12 cu. ft.	25 x 24.75 x 75.8 in. (63.5 x 63 x 192.6cm)	Hinged Glass	White	PS*	FBG12RPGA
23 cu. ft.	32 x 27.75 x 81 in. (81.3 x 70.5 x 205.7cm)	Hinged Glass	White	PS*	FBG25RPGA
27 cu. ft.	32 x 30.75 x 81 in. (81.3 x 78.1 x 205.7cm)	Hinged Glass	White	PS*	FB30RPGA
23 cu. ft.	32 x 27.75 x 81 in. (81.3 x 70.5 x 205.7cm)	Hinged Solid	White	PS*	FBG25RPSA
27 cu. ft.	32 x 30.75 x 81 in. (81.3 x 78.1 x 205.7cm)	Hinged Solid	White	PS*	FBG30RPSA
23 cu. ft.	32 x 27.75 x 81 in. (81.3 x 70.5 x 205.7cm)	Hinged Glass	Grey	SS*	FBG25RSGA
27 cu. ft.	32 x 30.75 x 81 in. (81.3 x 78.1 x 205.7cm)	Hinged Glass	Grey	SS*	FBG30RSGA
23 cu. ft.	32 x 27.75 x 81 in. (81.3 x 70.5 x 205.7cm)	Hinged Solid	Grey	SS*	FBG25RSSA
27 cu. ft.	32 x 30.75 x 81 in. (81.3 x 78.1 x 205.7cm)	Hinged Solid	Grey	SS*	FBG30RSSA

<sup>\*</sup>SS=Stainless Steel; PS= Painted Steel (white)

#### **Double-Door Models**

Capacity	Dimensions (L x W x H)	Door Style	Color	Interior	Cat. No.
45 cu. ft.	32 x 52.7 x 81 in. (81.3 x 134 x 206cm)	Sliding Glass	White	PS*	FBG45RPLA
49 cu. ft.	32 x 52.7 x 81 in. (81.3 x 134 x 206cm)	Hinged Glass	White	PS*	FBG49RPGA
49 cu. ft.	32 x 52.7 x 81 in. (81.3 x 134 x 206cm)	Hinged Solid	White	PS*	FBG49RPSA
45 cu. ft.	32 x 52.7 x 81 in. (81.3 x 134 x 206cm)	Sliding Glass	Grey	SS*	FBG45RSLA
49 cu. ft.	32 x 52.7 x 81 in. (81.3 x 134 x 206cm)	Hinged Glass	Grey	SS*	FBG49RSGA
49 cu. ft.	32 x 52.7 x 81 in. (81.3 x 134 x 206cm)	Hinged Solid	Grey	SS*	FBG49RSSA

<sup>\*</sup>SS=Stainless Steel; PS= Painted Steel (white)





## Fisherbrand<sup>™</sup> Isotemp<sup>™</sup> Lab Freezers

Temperature range: -12° to -30°C (factory setpoint -30°C) and 24 cu. ft. capacity.

- Lockable doors are manufactured from durable, stainless steel
- Stainless-steel interior
- Standard access port

Features	Exterior Dimensions (L x W x H)	Cat. No.
Alarms		11-670-202
Alarms, Chart Recorder	32 x 26 x 79 in. (81 x 66 x 199cm)	11-670-203



#### Fisherbrand<sup>™</sup> Isotemp<sup>™</sup> Ultra-Low Temperature Freezers

Programmable microprocessor control provides reliable sample protection, superior performance, excellent energy efficiency, and low noise levels.

- Temperature deviation or power failure triggers audible/visual alarms
- Battery backup supplies control panel in case of power failure
- Built-in key lock (padlock compatible)

Electrical	Exterior Dimensions (L x W x H)	Cat. No.
220V		IU2386D
110V	39 x 41 x 78 in. (94 x 104 x 198cm)	IU2386A

#### Fisherbrand<sup>™</sup> Freezer Storage Racks

Store more samples, eliminate dead space, and minimize frost buildup.

- Fit all standard types and sizes of upright freezers
- Choose racks for boxes or plates
- Corrosion-resistant stainless steel



Description	Holds	Shelves	Dimensions (W x H x D)	Cat. No.
Sliding Drawer Racks	2 in. Boxes	16 (4 x 4)	5.5 x 9.4 x 22 in. (14 x 24 x 56cm)	03-395-485
Sliding Drawer Racks	3 in. Boxes	12 (3 x 4)	5.5 x 9.4 x 22 in. (14 x 24 x 56cm)	03-395-472
Adjustable Side-Access Racks	2 in. Boxes	16 (4 x 4)	5.4 x 9.4 x 22.1 in. (14 x 24 x 56cm)	03-395-494
Side-Access Racks	3 in. Boxes	12 (3 x 4)	5.4 x 9.4 x 22.1 in. (14 x 24 x 56cm)	03-395-488
Microplate/Deepwell Racks with Lock Rods	Microplates	96 (84 with Lids)	5.5 x 9.4 x 22 in. (14 x 24 x 56cm)	03-395-473

#### Fisherbrand Cryogenic Storage Vials

For storing biological materials in freezers or liquid nitrogen (vapor).

- Noncytotoxic and nonpyrogenic
- Large white writing area
- Graduations in 0.5mL increments
- Sterile; not autoclavable



Capacity	Thread	Closure Material	Quantity	Cat. No.
1.2mL			100/Pack, 1,000/Case	10-500-25
2mL	External	HDPE	100/Pack, 1,000/Case	10-500-26
5mL			50/Pack, 1,000/Case	10-500-27
1.2mL				12-567-500
2mL	Internal	Polypropylene	100/Pack, 1,000/Case	12-567-501
5mL				12-567-502



#### Fisherbrand<sup>™</sup> Cryo/Freezer Boxes

Choice of boxes and dividers to accommodate tube sizes from 0.5 to 50mL.

- Protective coating prevents water or liquid nitrogen from saturating box for increased longevity
- Surface is easy to write on for identification
- Sized to fit all standard stainless-steel and polycarbonate storage systems



Dimensions	Dividers	Quantity	Cat. No.
3 x 3 x 2 in. (7.6 x 7.6 x 5.1cm)	No	Each	03-395-451
5.75 x 5.75 x 4 in. (12.8 x 12.8 x 10.1cm)	No	Each 48/Case	03-395-454
5 x 5 x 2 in. (12.7 x 12.7 x 5.1cm)	No	Each 100/Case	03-395-455
5 x 5 x 3 in. (12.7 x 12.7 x 7.6cm)	No	Each 96/Case	03-395-456
3 x 3 x 2 in. (7.6 x 7.6 x 5.1cm)	25 Cells	Each	03-395-463
5 x 5 x 2 in. (12.7 x 12.7 x 5.1cm)	81 Cells	Each 100/Case	03-395-464
5 x 5 x 2 in. (12.7 x 12.7 x 5.1cm)	100 Cells	Each 100/Case	03-395-465

#### Fisherbrand<sup>™</sup> Hinged Cryo/Freezer Boxes

Fit all standard storage systems in mechanical freezers and liquid nitrogen tanks.

- Temperature limit: -196°C
- Hold 81 (1 to 2mL) cryogenic vials; include dividers
- Sold individually or in a case of 50



Color	Cat. No.	Color	Cat. No.
White	13-131-000	Green	13-131-002
Blue	13-131-001	Purple	13-131-003

#### Fisherbrand™ Traceable™ Vaccine Refrigerator/Freezer Thermometers

Monitor temperature of vaccines in freezers, water baths, heating blocks, incubators, and refrigerators with enclosed temperature-buffered sensor.

- Triple display simultaneously shows min/max and current temperatures
- 10 ft. micro-cable permits refrigerator doors to close on it
- Temperature range: -50°C to +70°C/-58°F to +158°F

Probe Type	Cat. No.
Vaccine (5mL) Glass Bottle	15-077-720
Regular (10mL) Glass Bottle	06-664-11



## Fisherbrand<sup>™</sup> Traceable<sup>™</sup> Hi-Accuracy Refrigerator Thermometers

Dual thermometers monitor two locations simultaneously.

- Temperature range: -50°C to +70°C (-58°F to +158°F)
- 10 ft. micro-cable permits refrigerator door closing
- High-impact, chemical-resistant ABS plastic case



Probe Type (Number)	Probe Description	Includes	Cat. No.
Regular (10mL) Glass Bottle (1)	Cooled in Newtonia Chroal		15-078-215
Regular (10mL) Glass Bottle (2)	Sealed in Nontoxic Glycol	Two (AA) Batteries, Impact- and Chemical-Resistant ABS Plantic Coast Barely Stand, Valent Manual	15-078-176
Bullet™ (2) Probe	Waterproof; Chemical Resistant; Dia. x L: 0.18 x 0.75 in.	tant ABS Plastic Case, Bench Stand, Velcro™ and Magnetic Strips, and Wall Mount	15-078-177



#### Monitoring

#### Fisherbrand™ Traceable™ Platinum Refrigerator/Freezer Thermometers with Probes

Triple display shows current °F/ °C and minimum/ maximum temperatures with time and date stamps.

- Temperature range: -148°F to 199.99°F (-100°C to 199.99°C)
- Waterproof probes: choose Bullet<sup>™</sup> or stainless-steel probe with 0.3 in. penetration
- High-impact, chemical-resistant ABS plastic case



Probe Type	Probe Dimensions (Dia. x L)	Includes	Cat. No.
Bullet™ Probe	0.19 x 0.75 in.	Platinum RTD Sensor/Stainless-Steel Probe with 10 ft. Cable, Batteries (2 AAA), Magnetic Strips, Velcro™	15-081-108
Stainless Steel with Handle	0.13 x 9 in. (Overall L: 12 in.)	Tape, and Bench Stand	15-081-109

#### Fisherbrand™ Traceable™ Excursion-Trac™ Datalogging Thermometers

Ideal for monitoring temperatures in refrigerators, freezers, water baths, heating blocks, and incubators.

- Store up to 10 unique alarm events
- Meet current CDC requirements for vaccine storage and monitoring
- Rolling memory structure maintains most recent 525,600 temperature observations

Note: Batteries designed for 7-day power backup. AC power is recommended for standard use.



Probe Type	Probes	Cat. No.
Dogwiley (10ml ) Close Bettle	1	15-081-123
Regular (10mL) Glass Bottle	2	15-081-124
Bullet™ Probe	1	15-081-125
bullet Probe	2	15-081-126
Regular (10mL) Glass Bottle, Bullet	2	15-081-127
Stainless Steel	1	15-081-128
Stalliess Steel	2	15-081-129
Vaccine (5mL) Glass Bottle	1	15-079-656
vaccine (SITIL) Glass Bottle	2	15-079-657
Regular (10mL) Plastic Bottle	1	15-079-660
negulal (10111L) Flastic Dottie	2	15-079-661

## Fisherbrand™ TraceableLIVE™ Wi-Fi Datalogging Refrigerator/ Freezer Thermometers

The simple, efficient, and reliable way to stay connected to critical environments through a smart phone, tablet, or personal computer.

- Monitor temperature and more either locally or remotely — connect to existing Wi-Fi
- Alerts: temperature alarm, connectivity interruption, low battery
- Cloud-based data interface means no local software required; web, Android, Apple IOS data visibility



Probe Type	Probes	Cat. No.
Regular (10mL) Glass Bottle	2	15-079-615
Regular (10mL) Glass Bottle, Bullet	2	15-079-616
Bullet™ Probe	2	15-079-617
Stainless Steel	2	15-079-618

#### Fisherbrand™ TraceableLIVE™ Wi-Fi Datalogging Ultra-Low Temperature Thermometers

Remotely monitor temperature and more by connecting to existing Wi-Fi.

- Alerts: temperature alarm, connectivity interruption, low battery
- Cloud-based data interface that requires no local software; web, Android, Apple IOS data visibility
- Continuous data transmission and monitoring using SSL-encrypted connection

Note: Requires TraceableLIVE subscription.



Probe Type	Probes	Cat. No.
Stainless Steel	1	15-079-626
Stall liess Steel	2	15-079-627



## Fisherbrand™ TraceableLIVE™ Wi-Fi Datalogging LN2 Thermometers

Ideal for monitoring long-term sensitive biologicals and samples that are irreplaceable.

- Connect easily to Wi-Fi and provide continuous data transmission to cloud-based interface
- Audible and visual alarms help those present in a lab identify any out-of-range conditions
- Simple, efficient, and reliable way to stay connected to critical environments through smart phone, tablet, or personal computer

Probe Type	Probes	Cat. No.
Stainless Steel	1	15-079-639
Stairliess Steel	2	15-079-640



## Fisherbrand<sup>™</sup> TraceableGO<sup>™</sup> Bluetooth<sup>™</sup> Datalogging Thermometers

Safely transport reagents, clinical samples, vaccines, pharmaceuticals, and food items to any location.

- Display temperature, trip duration, MIN/MAX, battery level, and alarms
- Store up to 90 alarm events; adjustable recording intervals
- Use two AAA batteries (included)

Description	Quantity	Cat. No.
Includes Batteries, Wall Mount, and Traceable Certificate	Each	15-079-678



# Fisherbrand™ TraceableONE™ Single-Use Datalogging Thermometers

Preprogrammed and ready to use out of the box for multiple ranges and intervals.

- Simple, one-button operation
- Automatically generate a detailed PDF report without additional software or hardware
- Include Traceable™ certificate

Temperature Range (Preprogrammed)	Logging Interval	Logging Duration	Quantity	Cat. No.
2° to 8°C	1 Minute	10 Days	10/Pack	15-079-689
2 10 0 0	1 Williate	10 Days	40/Pack	15-079-681
2° to 8°C	3 Minutes	30 Days	10/Pack	15-079-691
2 10 0 0	3 Milliates	30 Days	40/Pack	15-079-683
2° to 8°C	6 Minutes	60 Days	10/Pack	15-079-693
2 10 6 G	6 Milliutes	Minutes 60 Days	40/Pack	15-079-685
2° to 8°C	10 Minutes	00 Dava	10/Pack	15-079-695
2 10 6 G	10 Minutes	s 90 Days	40/Pack	15-079-687
-20° to -15°C	1 Minute	10 Davis	10/Pack	15-079-690
-20° to -15°C	i wiinute	10 Days	40/Pack	15-079-682
-20° to -15°C	3 Minutes	20 Davis	10/Pack	15-079-692
-20 to -15 C	3 Minutes	30 Days	40/Pack	15-079-684
-20° to -15°C	6 Minutes	60 Davis	10/Pack	15-079-694
-20 to -15 C	o iviiriutes	60 Days	40/Pack	15-079-686
000 +- 1500	10 Minutes	00 Davis	10/Pack	15-079-696
-20° to -15°C	10 Minutes	90 Days	40/Pack	15-079-688

#### Shipping

#### Fisherbrand<sup>™</sup> Thermal Mailers with Tape and Zipper Closures

Constructed out of 0.5 in. thick foam with metallized PET silver exterior.

- Thick padded mailers cushion and insulate up to four hours
- Dual closure with leakproof zipper inside and exterior self-seal strip
- Choose from 9 x 12, 12 x 16, or 15 x 20 in. sizes



External Dimensions (L x W)	Internal Dimensions (L x W)	Quantity	Cat. No.
9 x 12 in.	8 x 10 in.	25/Case	07-100-104
12 x 16 in.	11 x 14 in.	25/Case	07-100-105
15 x 20 in.	14 x 18 in.	20/Case	07-100-106



## Fisherbrand<sup>™</sup> Thermal Pouches with Zipper Closures

Designed with an outer reflective surface and inner food-grade PR film with micro-cell foam insulation.

- Double-track zipper for ease of use
- Use with gel pack, ice, or dry ice for longer cooling time
- Choose from 7 x 10, 12 x 10, or 15 x 12 in. sizes



Dimensions (L x W)	Quantity	Cat. No.
15 x 12 in.		07-100-107
12 x 10 in.	200/Case	07-100-108
7 x 10 in.		07-100-109

### Fisherbrand™ Extreme Thermal Box Liners

Superior insulation properties and thinner walls allow for more payload space.

- Cold chain protection for laboratory products and pharmaceuticals during transit
- FDA compliant material
- Use with cold packs or dry ice for extended transit times



Dimensions	Туре	Quantity	Cat. No.
16 x 16 in.	8 Cube		07-100-100
18 x 18 in.	10 Cube	00/0	07-100-101
23 x 23 in	12 Cube	20/Case	07-100-102
27 x 27 in.	14 Cube		07-100-103

## Fisherbrand<sup>™</sup> Corrugated Cardboard Boxes

Use for shipping, packaging, and storage.

- Made from 32 ECT brown cardboard
- Choose from 8 x 8, 10 x 10, 12 x 12, or 14 x 14 in. sizes
- 20 per case



Dimensions	Cat. No.	Dimensions	Cat. No.	
8 x 8 x 4.5 in.	07-100-114	12 x 12 x 4.5 in.	07-100-116	
10 x 10 x 4.5 in.	07-100-115	14 x 14 x 4.5 in.	07-100-117	

#### Fisherbrand™ Gel Packs

Non-toxic, food-safe gel; choose 8, 16, 24, or 32 oz. sizes. Ideal for shipments and packaging where variable height tolerances are acceptable.

- Reusable
- Solid when frozen, not flexible
- FDA compliant



Size	Dimensions (L x W)	Quantity	Cat. No.
8 oz.	6 x 4 in. (152 x 101mm)	72/Case	07-100-110
16 oz.	7 x 6 in. (177 x 152mm)	36/Case	07-100-111
32 oz.	8 x 6 in. (202 x 152mm)	24/Case	07-100-112
64 oz.	10 x 6 in. (254 x 152mm)	18/Case	07-100-113





Some exclusions may apply.

Visit **fishersci.com/fisherbrandguarantee** or **fishersci.ca/fisherbrandguarantee** to find out more.

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