



Silver Bioguard *Anti-Microbial Mats*

Instantly Create a Contaminant-Free Work Surface

- NEUTRALIZE & PROTECT** - Nanoscale Silver particles bind with proteins to neutralize 99.9% of common microbes
- BETTER RESULTS** - Ensure consistant sample reproduction and results by significantly minimizing workspace contamination
- RELIABLE** - Silver is used extensively in medical applications where microbial contamination is a concern
- USE ANYWHERE** - Mats are less than 1mm thick and are backed with an anti-skid coating making them perfect for the benchtop or culture hood



Our 15" x 10" mat is perfect for quick spin downs and pipetting

CAT. NO.	DESCRIPTION	U OF M	PRICE
77519-1	Silver Bioguard Mat, 10" x 8"	Each	\$20.00
77519-2	Silver Bioguard Mat, 15" x 10"	Each	25.00
77519-3	Silver Bioguard Mat, 24" x 20"	Each	30.00
77519-4	Silver Bioguard Mat, 30" x 22"	Each	35.00



ChillDown

Rapidly Cool Agarose Mixtures and Other Solutions



Quickly cool solutions down right in the beaker

- QUICK** - Chill molten agarose down to 60°C in minutes
- IMPROVE RESULTS** - Rapid cooling of agarose prevents an early-polymerized layer on top of the solution, which interferes with results
- VERSATILE** - Use ChillDown whenever cooling of solutions is desirable
- UNIVERSAL** - Fits any 250ml beaker
- EASY-TO-USE** - Simply leave your ChillDown in the freezer overnight and it will be ready for you when you need it

CAT. NO.	DESCRIPTION	U OF M	PRICE
77518-01	ChillDown	Each	\$70.00

The Print Shop is Open!

We're ready to handle those tough print jobs for you...



See Page 8
For More Info!

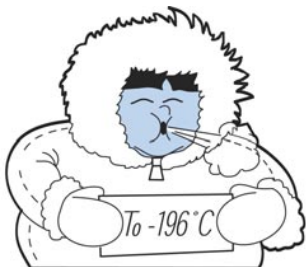


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LASER CRYO-BABIES® AND CRYOTAGS®



TEMPERATURE-RESISTANT - From **-196°C** to **150°C**. Cryo-Babies and Cryo-Tags® withstand freezer temperatures down to **-196°C** (liquid and vapor phase nitrogen), boiling water baths (**100°C**), autoclaving and moderate oven temperatures (**150°C**)

TOUGH - Chemically inert labels resist most organic solvents and caustic agents. They adhere to most plastics*, glass and metals without cracking, peeling or degrading

SPECIALLY DESIGNED - Label sheets are specially top-coated to readily accept laser printing. Heat-resistant, stay-flat sheets will not jam in laser printers

INNOVATIVE - Made with a flexible, polyolefin† label material and acrylic adhesive. This unique combination expands and contracts together with temperature fluctuations resulting in a strong adhesive bond † Patented - US # 5,836,618

Sizing Guide for Laser Cryo-Babies & Cryo-Tags®

* 100% Virgin Polypropylene tubes are recommended.
Avoid the use of siliconized surfaces.



1. 1.28" x 0.50"
for 1.5–2.0ml tubes
(white and colors)

2. 0.94" x 0.50"
for 0.5ml tubes
(white and colors)

3. 1.50" x 0.75"
General Purpose
(white and colors)

4. 1.69" x 0.75"
CryoVials
(white and colors)

5. 1.50" x 0.25" (Microplates)

6. 2.625" x 1.00"
For boxes, tube racks
& other containers
(white and colors)

7. 3.00" x 2.00"
For bottles, tube racks, boxes
and other laboratory containers
(white only)

8. 1.28" x 0.50"
for 1.5–2.0ml tubes
(white only) 3/8"

9. 2.50" x 0.50"
For 0.5ml - 2.0ml tubes
(white only)

10. 1.00" x 1.00"
For Microscope
Slides
(white only)

11. 1.125" x 1.75"
For racks and boxes
(white only)

Blue

Green

Orange

Red

Yellow

White

Packs are available in Individual Colors 20 sheets per pack or in Rainbow Pack (4 sheets of each color).
See ordering information below.

CAT. NO.	COLOR	LABEL SIZE	SHEET LAYOUT	LABELS/SHEET	IDEAL USE	U OF M	PRICE
77560-x	Specify	1.28" x 0.50" / 33mm x 13mm	5 Across - 17 Down	85	1.5ml tubes	1,700/pk	\$60.00
1.77560-05	Rainbow*	1.28" x 0.50" / 33mm x 13mm	5 Across - 17 Down	85	1.5ml tubes	1,700/pk	60.00
77559-W	White	1.28" x 0.50" / 33mm x 13mm	3 Across - 17 Down	51	1.5ml tubes	1,020/pk	45.00
2.77561-x	Specify	0.94" x 0.50" / 24mm x 13mm	7 Across - 17 Down	119	0.5ml tubes	2,380/pk	60.00
77561-05	Rainbow*	0.94" x 0.50" / 24mm x 13mm	7 Across - 17 Down	119	0.5ml tubes	2,380/pk	60.00
3.77564-x	Specify	1.50" x 0.75" / 38mm x 19mm	5 Across - 12 Down	60	General Purpose	1,200/pk	60.00
77564-05	Rainbow*	1.50" x 0.75" / 38mm x 19mm	5 Across - 12 Down	60	General Purpose	1,200/pk	60.00
4.77565-x	Specify	1.69" x 0.75" / 43mm x 19mm	4 Across - 13 Down	52	CryoVials	1,040/pk	60.00
77565-05	Rainbow*	1.69" x 0.75" / 43mm x 19mm	4 Across - 13 Down	52	CryoVials	1,040/pk	60.00
5.77567-x	Specify	1.50" x 0.25" / 38mm x 6mm	4 Across - 39 Down	156	Microplates	3,120/pk	60.00
77567-05	Rainbow*	1.50" x 0.25" / 38mm x 6mm	4 Across - 39 Down	156	Microplates	3,120/pk	60.00
6.77566-x	Specify	2.625" x 1.00" / 67mm x 25mm	3 Across - 10 Down	30	Racks & Boxes	600/pk	60.00
77566-05	Rainbow*	2.625" x 1.00" / 67mm x 25mm	3 Across - 10 Down	30	Racks & Boxes	600/pk	60.00
To Specify color, substitute (x) with a letter: B=Blue, G=Green, O=Orange, R=Red, Y=Yellow [Ordering Example: 77560-R for Red] *Rainbow Packs contain 4 sheets each of: Blue, Green, Orange, Red, Yellow							

CAT. NO.	COLOR	LABEL SIZE	SHEET LAYOUT	LABELS/SHEET	IDEAL USE	U OF M	PRICE
7.77568-W	White	3.00" x 2.00" / 76mm x 51mm	3 Across - 4 Down	12	Racks & Boxes	240/pk	\$60.00
8.77574-W	White	1.28" x 0.50" - 3/8" diameter spot	4 Across - 17 Down	68 sets	1.5ml tubes	1,360 sets/pk	60.00
9.77572-W	White	2.50" x 0.50" / 64mm x 13mm	3 Across - 20 Down	60	0.5 - 2.0ml tubes	1,200/pk	60.00
10.77571-W	White	1.00" x 1.00" / 25mm x 25mm	8 Across - 10 Down	80	Microscope slides	1,600/pk	60.00
11.77569-W	White	1.125" x 1.75" / 28mm x 44mm	7 Across - 6 Down	42	Racks & Boxes	840/pk	60.00
12.77570-W	White	8.50" x 11.00" / 216mm x 279mm	Blank Sheet	Blank	Cut to size	20/pk	50.00



“THE CHOICE IS CLEAR” - Contents of vials beneath labels remain visible

TEMPERATURE-RESISTANT - **-196°C** to **70°C**. Cryo-Clear labels remain fully adhered down to **-196°C** (liquid and vapor phase nitrogen)†

DURABLE - Chemically inert labels resist most organic solvents and caustic agents. Labels adhere to plastics*, glass and metals without cracking, peeling or degrading

LASER PRINTABLE - Label sheets are specially top-coated to accept laser printing and other markings. Heat-resistant, stay-flat sheets will not jam in laser printers

INNOVATIVE - Made with a flexible, vinyl label material and permanent acrylic adhesive. This unique combination expands and contracts together as temperatures fluctuate resulting in a strong and sustained adhesive bond



† Patented - US # 7,108,909

Cryo-Clear Laser Labels Sizing Guide

1. 1.28" x 0.50"
for 1.5–2.0ml tubes

2. 0.94" x 0.50"
for 0.5ml tubes

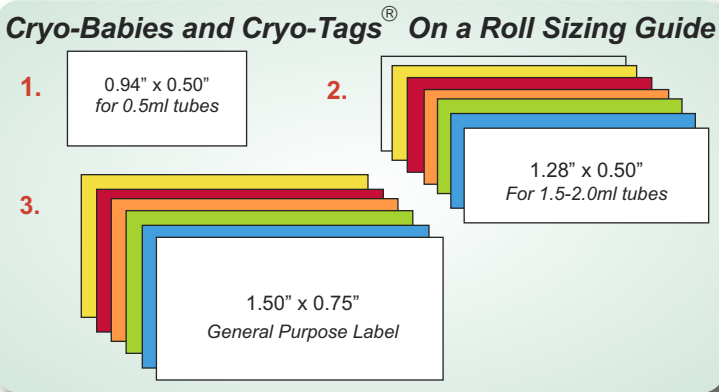
CAT. NO.	TAG SIZE	SHEET LAYOUT	IDEAL USE	U OF M	PRICE
1.77575-C	1.28" x 0.50" / 33mm x 13mm	5 Across - 17 Down	1.5ml tubes	1,700/pk	\$60.00
2.77576-C	0.94" x 0.50" / 24mm x 13mm	7 Across - 17 Down	0.5ml tubes	2,380/pk	60.00
*NOTE: Siliconized surfaces should be avoided. Apply to clean, dry tubes at room temperature. 100% virgin polypropylene tubes are recommended.					

CRYO-BABIES® AND CRYOTAGS® On A Roll

CONVENIENT - Dispensing box assists in labeling individual tubes used in small experiments

EASY TO WRITE ON - PVC labels accept writing from most lab markers including our Solvent Resistant Pens and Teeny Writers

Find Solvent Resistant Pens On Page 7!



CAT. NO.	COLOR	LABEL SIZE	IDEAL USE	U OF M	PRICE
1. 77551-W	White	0.94" x 0.50" / 24mm x 13mm	0.5ml Tubes	1,000/roll	\$30.00
2. 77550-W	White	1.28" x 0.50" / 33mm x 13mm	1.5ml Tubes	1,000/roll	30.00
77550-(x)	Specify	1.28" x 0.50" / 33mm x 13mm	1.5ml Tubes	1,000/roll	35.00
3. 77554-W	White	1.50" x 0.75" / 38mm x 19mm	General Purpose	1,000/roll	30.00
77554-(x)	Specify	1.50" x 0.75" / 38mm x 19mm	General Purpose	1,000/roll	35.00

To Specify color, substitute (x) with a letter: B=Blue, G=Green, O=Orange, R=Red, Y=Yellow
[Ordering Example: 77550-R for Red]

DIRECT THERMAL CRYOTAGS®

TEMPERATURE-RESISTANT - From -196°C to 70°C and also freezable in liquid and vapor phase nitrogen

TOUGH - Labels adhere to most plastics, glass and metals without cracking, peeling or degrading. Also resistant to scuffing and smearing

COMPATIBLE - Tubes labeled with Direct Thermal Cryo-Tags® easily slide in and out of centrifuge rotors without binding

SPECIALLY DESIGNED - Labels accept printing from direct thermal printers such as Dymo® LabelWriter® printers

BARCODING - Print popular barcode formats for fast and easy sample identification

ECONOMICAL - Limit label waste by printing only the quantity required

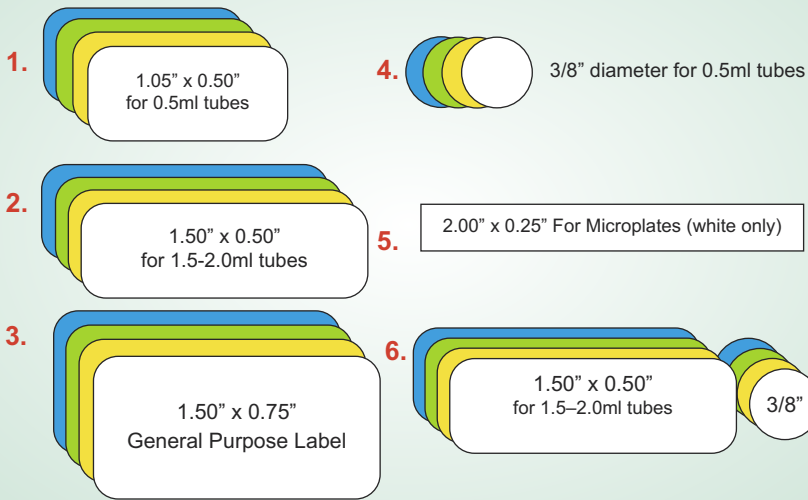
Notes: Prolonged exposure to alcohol may cause material discoloration
Labels are for use with US model Dymo® LabelWriters® ONLY

CAT. NO.	W	B	G	Y	LABEL SIZE	USE	QTY	PRICE
1. 77577-(x)	1	7	8	9	1.05" x 0.50" / 27mm x 13mm	0.5ml tubes	1,000	\$43.00
2. 77577-(x)	2	10	11	12	1.50" x 0.50" / 38mm x 13mm	1.5ml tubes	750	40.00
3. 77577-(x)	3	13	14	15	1.50" x 0.75" / 38mm x 19mm	2.0ml tubes	750	40.00
4. 77577-(x)	4	16	17	18	3/8" diameter / 9.5mm diameter	0.5ml tubes	4,000	58.00
5. 77577-(x)	6	19	20	21	1.50" x 0.50" - 3/8" diameter spot	1.5ml tubes	1,000	58.00

To Specify color, substitute (x) with a number: W=White, B=Blue, G=Green, Y=Yellow
[Ordering Example: 77577-7 for (1.05" x 0.50") Blue, 77577-1 for White]



Sizing Guide For Direct Thermal Cryo-Tags®



THERMAL TRANSFER CRYOTAGS®

Pre-cut, Peel-Off Labels Designed for Use in Thermal Transfer Printers

PRINTING FLEXIBILITY - Print as little as one label at a time, eliminating label waste and saving time and money

BARCODING - Print popular barcode formats for fast and easy sample identification

VERSATILE- Works with most thermal transfer printers

HIGH RESOLUTION - Print crisp, clear, professional quality labels

SUPERIOR - Unique solvent-resistant, acrylic-based adhesive provides excellent cold temperature performance

TOUGH - Resists degradation from scuffing, chemicals, moisture and wide temperature fluctuations

SPECIALLY DESIGNED - Coated for use with a resin ribbon that provides the best performance under extreme conditions



Conveniently identify samples with text or barcodes.

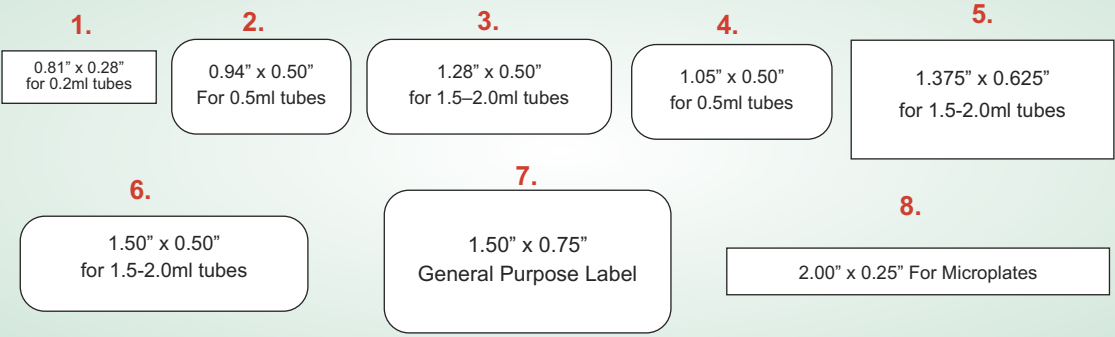
Thermal Transfer Cryo-Tags® On a 1" Core

(TEMP. RANGE) -196°C TO 80°C

CAT. NO.	LABEL SIZE	IDEAL USE	PRICE
1. 77592-65	0.81" x 0.28" (20.6mm x 7mm)	0.2ml PCR tubes	\$77.00
2. 77592-70	0.94" x 0.50" (24.mm x 13mm)	0.5ml tubes	77.00
3. 77592-75	1.28" x 0.50" (32mm x 13mm)	1.5ml-2.0ml tubes	95.00
4. 77592-2	1.05" x 0.50" (27mm x 13mm)	0.5ml tubes	74.00
5. 77592-80	1.375" x 0.625" (35mm x 16mm)	1.5ml-2.0ml tubes	85.00
6. 77592-3	1.50" x 0.50" (38mm x 13mm)	1.5ml-2.0ml tubes	104.00
7. 77592-4	1.50" x 0.75" (38mm x 19mm)	General Purpose	128.00
8. 77592-5	2.00" x 0.25" (51mm x 6mm)	Microplates	74.00

ALL ROLLS ARE WHITE AND ON 1" I.D. CORES WITH 2,000 LABELS PER ROLL

Thermal Transfer Cryo-Tag Sizing Guide



Thermal Transfer Printer & Ribbon

CAT. NO.	DESCRIPTION	U OF M	PRICE
77592-54	Zebra Printer - Model GK 420T	Each	\$795.00
77592-55	Resin Ribbon - 2.50" x 244' (63mm x 74 meters)	Each	16.00

Thermal Transfer Cryo-Tags® On a 3" Core

(TEMP. RANGE) -196°C TO 80°C

CAT. NO.	LABEL SIZE	IDEAL USE	PRICE
1. 77592-81	0.81" x 0.28" (20.6mm x 7mm)	0.2ml PCR tubes	\$154.00
2. 77592-82	0.94" x 0.50" (24.mm x 13mm)	0.5ml tubes	154.00
3. 77592-83	1.28" x 0.50" (32mm x 13mm)	1.5ml-2.0ml tubes	190.00
4. 77592-84	1.05" x 0.50" (27mm x 13mm)	0.5ml tubes	148.00
5. 77592-85	1.375" x 0.625" (35mm x 16mm)	1.5ml-2.0ml tubes	148.00
6. 77592-86	1.50" x 0.50" (38mm x 13mm)	1.5ml-2.0ml tubes	208.00
7. 77592-87	1.50" x 0.75" (38mm x 19mm)	General Purpose	275.00
8. 77592-88	2.00" x 0.25" (51mm x 6mm)	Microplates	148.00

ALL ROLLS ARE WHITE AND ON 3" I.D. CORES WITH 4,000 LABELS PER ROLL

LASER TOUGH-SPOTS®

TEMPERATURE-RESISTANT - Withstands freezer temperatures down to **-196°C** (liquid and vapor phase nitrogen), boiling water baths (**100°C**), autoclaving and moderate oven temperatures (**150°C**)

TOUGH - Chemically inert adhesive and labels resist most organic solvents and caustic agents. They adhere to plastics*, glass and metals without cracking, peeling or degrading

SPECIALLY DESIGNED - Label sheets are specially top-coated to readily accept laser printing. Heat-resistant, stay-flat sheets will not jam laser printers

INNOVATIVE - Made with a flexible, polyolefin† label material and acrylic adhesive. This unique combination expands and contracts together with temperature fluctuations resulting in a strong adhesive bond

† Patented - US # 5,836,618

* 100% Virgin Polypropylene tubes are recommended.
Avoid the use of siliconized surfaces.



Pre-Cut Peel-Off Labels for Microcentrifuge Tube Tops

Laser Tough-Spots Sizing Guide

1. **3/8" diameter**
for 0.5ml tubes

2. **1/2" diameter**
for 1.5ml - 2.0ml tubes

3. **7/16" diameter**

for 1.5ml - 2.0ml tubes
White only

4. **3/4" diameter**

for 15-50ml tubes
White Only

5. **1.00" diameter**

for 50ml tubes
White only

*Rainbow Packs contain 4 sheets each of Blue, Green, Orange, Red and Yellow

	CAT. NO.	COLOR	SPOT DIAMETER	SHEET LAYOUT	LABELS/SHT	U OF M	PRICE
1.	77585-(x)	Specify	3/8" - 9.5mm	12 Across - 16 Down	192	3,840/pk	\$60.00
	77585-05	Rainbow*	3/8" - 9.5mm	12 Across - 16 Down	192	3,840/pk	60.00
2.	77587-(x)	Specify	1/2" - 13mm	12 Across - 16 Down	192	3,840/pk	60.00
	77587-05	Rainbow*	1/2" - 13mm	12 Across - 16 Down	192	3,840/pk	60.00
To Specify color, substitute (x) with a number: W=White, B=Blue, G=Green, O=Orange, R=Red, Y=Yellow [Ordering Example: 77585-R for Red / 77585-W for White]							
*Rainbow Packs contain 4 sheets each of Blue, Green, Orange, Red and Yellow							
3.	77585-44	White	7/16" - 11mm	13 Across - 18 Down	234	4,680/pk	60.00
4.	77588-75	White	3/4" - 19mm	9 Across - 12 Down	108	2,160/pk	60.00
5.	77588-100	White	1.00" - 25mm	7 Across - 9 Down	63	1,260/pk	60.00

TOUGH-SPOTS® On A Roll

Pre-cut Peel-off Round Labels for Microcentrifuge Tube Tops

Find Solvent
Resistant Pens
On Page 7!

Tough-Spots on a roll Sizing Guide

1. **3/8" diameter**
for 0.5ml tubes

2. **1/2" diameter**
for 1.5ml - 2.0ml tubes

3. **3/16" diameter**
for 0.2ml tubes
White only

4. **7/16" diameter**
for 1.5 - 2.0ml tubes
White only

5. **3/4" diameter**

0.75" for 15-50ml tubes
White Only

6. **1.00" diameter**
for 50ml tubes
White only

TEMPERATURE RESISTANT - From **-196°C** to **80°C**

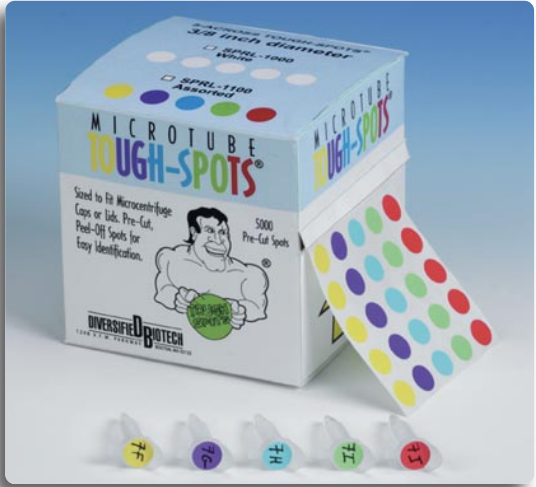
EASY TO WRITE ON - PVC labels accept writing from most lab markers including our Solvent Resistant Pens and Teeny Writers

CONVENIENT - Dispensing box assists in labeling individual tubes used in small experiments

OPTIONS - A variety of sizes, colors and formats ensures the right label for the right job



TOUGH-TAG STATION - Conveniently holds up to 6 rolls of Tough-Tags®, Tough-Spots or Cryo-Tags®. Also holds 4 regular rolls and 1 5-Across Tough-Spot roll. Utilize the ledge to easily write on labels for sample identification and then use the straight edge to tear off the labels.
**77582-100 does not fit the Tough-Tag Station*



Five of our most popular colors on one roll. Color code experiments and projects quickly and easily.

	CAT. NO.	COLOR	SPOT DIAMETER	IDEAL USE	U OF M	PRICE
1.	77580-(x)	Specify	3/8" / 9.5mm	0.5ml Tubes	1,000/roll	\$25.00
2.	77581-(x)	Specify	1/2" / 13mm	1.5ml Tubes	1,000/roll	25.00
To Specify color, substitute (x) with: B=Blue, C=Coffee, D=Gold, G=Green, L=Lavender, M=Maroon, O=Orange, P=Pink, R=Red, S=Silver, W=White, Y=Yellow [Example: 77580-G for Green / 77580-W for White]						
3.	77582-18	White	3/16" / 4.8mm	0.2ml Tubes	1,500/roll	\$40.00
4.	77580-44	White	7/16" / 11mm	1.5ml Tubes	1,000/roll	25.00
5.	77582-75	White	3/4" / 19mm	15-50ml Tubes	500/roll	27.00
6.	77582-100*	White	1.00" / 25mm	50ml Tubes	500/roll	27.00
7.	77586-10	White 5-Across	3/8" / 9.5mm	0.5ml Tubes	5,000/roll	99.50
8.	77586-11	Assorted 5-Across	3/8" / 9.5mm	0.5ml Tubes	5,000/roll	99.50
9.	77586-20	White 5-Across	1/2" / 13mm	1.5ml Tubes	5,000/roll	99.50
10.	77586-21	Assorted 5-Across	1/2" / 13mm	1.5ml Tubes	5,000/roll	99.50

CAT. NO.	DESCRIPTION	U OF M	PRICE
77590-10	Tough-Tag Station	Each	\$55.00

LASER TOUGH-TAGS®



TEMPERATURE-RESISTANT - From **-40°C** to **121°C**. Tough-Tags® resist boiling water baths, autoclaving and moderate freezer temperatures

TOUGH - Chemically inert, polyester sheets resist most organic solvents and caustic agents. They adhere to most plastics, glass and metals without cracking, peeling or degrading

COMPATIBLE - Tubes labeled with Tough-Tags® easily slide in and out of centrifuge rotors without binding

SPECIALLY DESIGNED - Label sheets are specially top-coated to readily accept laser printing. Heat-resistant, stay-flat sheets will not jam in laser printers

1. 1.28" x 0.50"
for 1.5–2.0ml tubes

2. 0.94" x 0.50"
For 0.5ml tubes

3. 1.50" x 0.75"
General Purpose Label

4. 0.875"
square for
Microscope
Slides

Packs are available in Individual Colors
or in *Rainbow Packs
(5 sheets of each color)

BlueGreenOrangeRedYellow

5. 1.50" x 0.75"
For General Purpose

6. 1.50" x 0.50"
For 1.5-2.0ml tubes

7. 1.05" x 0.50"
For 0.5ml tubes

8. 1.00" x 1.00"
for Microscope
Slides

9. 2.50" x 0.50"
for 1.5–2.0ml tubes

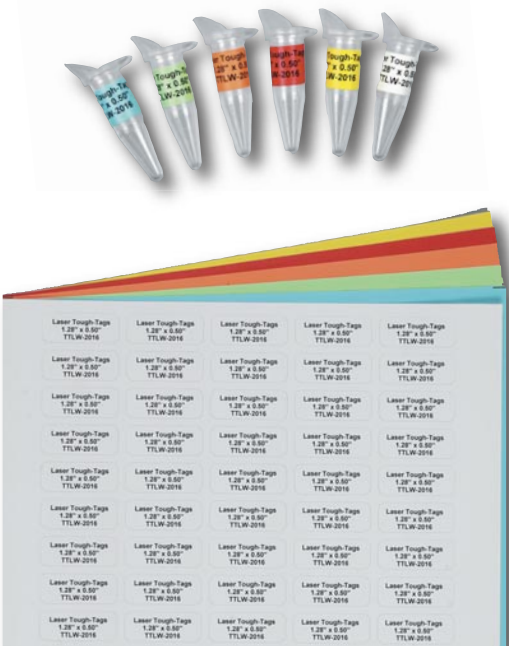
10. 0.91" x 0.32"

11. 2.625" x 0.1875"

12. 1.625" x 0.625"
General Purpose Label

Available in CLEAR only

Available in White only



CAT. NO.	COLOR	LABEL SIZE	SHEET LAYOUT	LABELS/SHT	IDEAL USE	U OF M	PRICE
1. 77520-x	Specify	1.28" x 0.50" / 33mm x 13mm	5 Across - 17 Down	85	1.5ml tubes	2,125/pk	\$65.00
77520-06	Rainbow	1.28" x 0.50" / 33mm x 13mm	5 Across - 17 Down	85	1.5ml tubes	2,125/pk	65.00
2. 77521-x	Specify	0.94" x 0.50" / 24mm x 13mm	7 Across - 17 Down	119	0.5ml tubes	2,975/pk	65.00
77521-06	Rainbow*	0.94" x 0.50" / 24mm x 13mm	7 Across - 17 Down	119	0.5ml tubes	2,975/pk	65.00
3. 77522-x	Specify	1.50" x 0.75" / 38mm x 19mm	5 Across - 12 Down	60	1.5ml - 2.0ml tubes	1,500/pk	65.00
77522-06	Rainbow*	1.50" x 0.75" / 38mm x 19mm	5 Across - 12 Down	60	1.5ml - 2.0ml tubes	1,500/pk	65.00
4. 77523-x	Specify	0.875" x 0.875" / 22mm x 22mm	8 Across - 12 Down	96	Microscope Slides	2,400/pk	65.00
77523-06	Rainbow*	0.875" x 0.875" / 22mm x 22mm	8 Across - 12 Down	96	Microscope Slides	2,400/pk	65.00
5. 77532-C	Clear	1.50" x 0.75" / 38mm x 19mm	5 Across - 12 Down	60	General Purpose	1,200/pk	65.00
6. 77530-C	Clear	1.50" x 0.50" / 38mm x 13mm	5 Across - 16 Down	80	1.5-2.0ml tubes	1,600/pk	65.00
7. 77531-C	Clear	1.05" x 0.50" / 27mm x 13mm	6 Across - 16 Down	96	0.5ml tubes	1,920/pk	65.00
8. 77526-W	White	1.00" x 1.00" / 25mm x 25mm	8 Across - 10 Down	80	Microscope Slides	2,000/pk	65.00
9. 77525-W	White	2.50" x 0.50" / 64mm x 13mm	3 Across - 20 Down	60	0.5ml - 2.0ml tubes	1,500/pk	65.00
10. 77524-W	White	0.91" x 0.32" / 23mm x 8mm	7 Across - 22 Down	154	0.2ml PCR tubes	3,850/pk	65.00
11. 77529-W	White	2.625" x 0.1875" / 67mm x 5mm	3 Across - 33 Down	99	Microplates	2,475/pk	65.00
12. 77528-W	White	1.625" x 0.625" / 41mm x 16mm	4 Across - 16 Down	64	General Purpose	1,600/pk	65.00
13. 77527-W	White	8.50" x 11.00" / 216mm x 279mm	Blank Sheet	Blank	Cut to Size	25 Blank Sheets	60.00
To Specify color, substitute (x) with a letter: B=Blue, G=Green, O=Orange, R=Red, Y=Yellow, W=White [Ordering Example: 77520-R for Red, 77520-W for White] *Rainbow Packs contain 5 sheets each of: Blue, Green, Orange, Red, Yellow							

TOUGH-TAGS® On A Roll



Find Solvent
Resistant Pens
On Page 7!



COMPATIBLE - Tough-Tags® are pre-cut, peel-off labels which accept many marking instruments. They are perfectly sized to fit microcentrifuge tubes and other containers in the laboratory.

1. 0.94" x 0.50"
For 0.5ml tubes

2. 1.28" x 0.50"
For 1.5-2.0ml tubes

3. 1.50" x 0.75"
General Purpose Label
(white only)

4. 1.50" x 0.25" For Microplates
(white only)

5. 0.81" x 0.28"
(white only)

On A Roll (TEMP. RANGE: -40°C TO 121°C)

CAT. NO.	COLOR	LABEL SIZE	U OF M	PRICE
62044-20	White	0.94" x 0.50" / 24mm x 13mm	1,000/roll	\$25.00
62044-x	Specify	0.94" x 0.50" / 24mm x 13mm	1,000/roll	30.00
62045-20	White	1.28" x 0.50" / 33mm x 13mm	1,000/roll	25.00
62045-x	Specify	1.28" x 0.50" / 33mm x 13mm	1,000/roll	33.00
77537-W	White	1.50" x 0.75" / 38mm x 19mm	1,000/roll	45.00
77538-W	White	1.50" x 0.25" / 38mm x 6mm	1,000/roll	30.00
77536-W	White	0.81" x 0.28" / 21mm x 7mm	1,500/roll	30.00
To Specify color, substitute (x) with: B=Blue, 10=Clear G=Green, O=Orange, R=Red, Y=Yellow [Ordering Example: 62044-R for Red, 62044-10 for Clear]				

THERMAL TRANSFER TOUGH-TAGS®

Pre-cut, Peel-Off Labels Designed for Use in Thermal Transfer Printers



TEMPERATURE RESISTANT - From -40°C to 150°C

TWO CORE SIZES- All thermal transfer labels are available on two core sizes 1" or 3"

BARCODING - Print popular barcode formats for fast and easy sample identification

Conveniently identify samples with text or barcodes.

PRINTING FLEXIBILITY- Print as little as one label at a time, eliminating label waste and saving time and money

SUPERIOR - Unique solvent-resistant, acrylic-based adhesive provides excellent cold temperature performance

TOUGH - Resists degradation from scuffing, chemicals, moisture and wide temperature fluctuations

SPECIALLY DESIGNED - Coated for use with a resin ribbon that provides the best performance under extreme conditions

VERSATILE- Works with most thermal transfer printers

Thermal Transfer Tough-Tags® On a 1" Core

(TEMP. RANGE) -40°C TO 150°C

CAT. NO.	LABEL SIZE	IDEAL USE	PRICE
1. 77591-1	0.94" x 0.50" (24mm x 13mm)	0.5ml tubes	\$79.00
2. 77591-2	1.28" x 0.50" (32mm x 13mm)	1.5ml-2.0ml tubes	79.00
3. 77591-3	1.375" x 0.625" (35mm x 16mm)	1.5ml-2.0ml tubes	79.00
4. 77591-4	1.50" x 0.75" (38mm x 19mm)	General Purpose	140.00
5. 77591-5	2.00" x 0.25" (51mm x 6mm)	Microplates	79.00
ALL ROLLS ARE WHITE AND ON 1" I.D. CORES WITH 2,000 LABELS PER ROLL			

Thermal Transfer Tough-Tags® On a 3" Core

(TEMP. RANGE) -40°C TO 150°C

CAT. NO.	LABEL SIZE	IDEAL USE	PRICE
1. 77599-10	0.94" x 0.50" (24mm x 13mm)	0.5ml tubes	\$158.00
2. 77599-20	1.28" x 0.50" (32mm x 13mm)	1.5ml-2.0ml tubes	160.00
3. 77599-30	1.375" x 0.625" (35mm x 16mm)	1.5ml-2.0ml tubes	158.00
4. 77599-40	1.50" x 0.75" (38mm x 19mm)	General Purpose	280.00
5. 77599-50	2.00" x 0.25" (51mm x 6mm)	Microplates	160.00
ALL ROLLS ARE WHITE AND ON 3" I.D. CORES WITH 4,000 LABELS PER ROLL			

Thermal Transfer Xylene Resistant Tags

(TEMP. RANGE) -40°C TO 121°C

CAT. NO.	LABEL SIZE	IDEAL USE	PRICE
77598-10	0.875" x 0.875" (22mm x 22mm)	Xylene Resistance	\$74.00
77598-20	1.69" x 0.625" (43mm x 16mm)	Xylene Resistance	74.00
ALL ROLLS ARE WHITE AND ON 1" I.D. CORES WITH 1,000 LABELS PER ROLL			

Thermal Transfer Printer & Ribbon

CAT. NO.	DESCRIPTION	U OF M	PRICE
77592-54	Zebra Printer - Model GK 420T	Each	\$840.00
77592-55	Resin Ribbon - 2.50" x 244' (63mm x 74 meters)	Each	19.00



Labels for Moist, Frosty or Frozen Tubes

GRIPS - To wet, frost-covered and frozen surfaces; temperature resistant to -80°C

THIN - Compatible with centrifuge rotors

RESISTANT - To chemicals and solvents*

MULTI - SURFACE - Adheres to plastics, glass, metals and even paperboard boxes

VARIETY - Choose your format: laser sheets for printing many labels at once, direct thermal labels for printing a few labels at a time or labels on a roll for handwriting labels

On A Roll (TEMP. RANGE: -80°C TO 100°C)

CAT. NO.	LABEL SIZE	IDEAL USE	QTY/ROLL	PRICE
1. 77595-60	1.28" x 0.50" / 33mm x 13mm	1.5ml tubes	1,000 labels	\$35.00
2. 77595-65	1.50" x 0.75" / 38mm x 19mm	1.5ml - 2.0ml tubes	1,000 labels	35.00

Laser Sheets (TEMP. RANGE: -80°C TO 100°C)

CAT. NO.	LABEL SIZE	IDEAL USE	U OF M	PRICE
3. 77595-40	1.28" x 0.50" / 33mm x 13mm	1.5ml tubes	1,700/pk	\$65.00
4. 77595-30	0.94" x 0.50" / 24mm x 13mm	0.5ml tubes	2,380/pk	65.00
5. 77595-10	1.50" x 0.75" / 38mm x 19mm	1.5ml - 2.0ml tubes	1,500/pk	65.00
6. 77595-20	0.875" x 0.875" / 22mm x 22mm	Microscope Slides	2,400/pk	65.00

Sizing Guide For WetGrip Labels

1. 3. 1.28" x 0.50" for 1.5-2.0ml tubes	7. 1.05" x 0.50" for 0.5ml tubes
2. 5. 9. 1.50" x 0.75" General Purpose Label	8. 1.50" x 0.50" for 1.5-2.0ml tubes
4. 0.94" x 0.50" For 0.5ml tubes	10. 3/8" diameter for 0.5ml tubes
6. 0.875" square for Microscope Slides	11. 2.00" x 0.25" For Microplates
	12. 1.50" x 0.50" for 1.5-2.0ml tubes 3/8"

Direct Thermal (TEMP. RANGE: -80°C TO 70°C)

CAT. NO.	LABEL SIZE	IDEAL USE	QTY/ROLL	PRICE
7. 77594-10	1.05" x 0.50" / 27mm x 13mm	0.5ml tubes	1,000 labels	\$45.00
8. 77594-20	1.50" x 0.50" / 38mm x 13mm	1.5ml tubes	750 labels	50.00
9. 77594-30	1.50" x 0.75" / 38mm x 19mm	2.0ml tubes	750 labels	45.00
10. 77594-40	3/8" diameter / 9.5mm diameter	0.5ml tubes	4,000 labels	65.00
11. 77594-50	2.00" x 0.25" / 51mm x 6mm	Microplates	1,000 labels	75.00
12. 77594-60	1.50" x 0.50" - 3/8" diameter spot	1.5ml tubes	1,000 labels	60.00
77577-50	Dymo® LabelWriter® 450 Printer	NA	NA	225.00

DIRECT THERMAL LABELS ARE WHITE AND ON 1" I.D. CORES
*Note: Prolonged exposure to alcohol may cause material discoloration

Solvent Resistant Pens & Teeny Writers *Ideal for writing on Tough-Tags® and Tough Spots*

Teeny Writers are perfect general use lab markers

- The Twin-Tip Teeny Writer has a fine tip and an ultra fine tip
- The original Teeny Writer has an extra fine tip
- Use for labeling samples stored at room temperature and not exposed to chemicals and/or caustic agents

62054-B



Extra Fine

62052-B

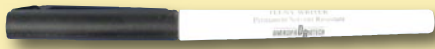


Fine & Ultra Fine

CAT. NO.	DESCRIPTION	COLOR	TIP (MILLIMETERS)	PRICE
62053-B	Solvent Resistant	Black	Extra Fine (0.6)	\$4.50
62053-R	Solvent Resistant	Red	Extra Fine (0.6)	4.50
62054-B	Twin-Tip	Black	Fine/Ultra Fine (0.7/0.3)	4.50
62052-B	Teeny Writer	Black	Extra Fine (0.4)	4.50


Solvent Resistant Pens feature an ultra-permanent ink

62053-B



Extra Fine

62053-R



Extra Fine

- Resistant to xylene, alcohol, acetone and formalin
- Ideal for histology and cytology
- Markings will not run on frosted/painted labware, even after repeated washes and solution treatments.
- Remove markings with acetic acid, an ethanol/xylene mixture or paraffin
- Testing advised before use (Results may vary based on surface)
- Not recommended for use on non-frosted or non-painted glassware

WASH-OFF LABELS™

Rinses Away Leaving No Adhesive Residue

Labels dissolve under running water in less than 30 seconds



*Build-up of water droplets on the label surface will dissolve the material

EASY REMOVAL - Labels **Wash-Off** in 1 rinse cycle at any water temperature

AUTOCCLAVABLE - Labels resist exposure to steam* at **121°C**

ENVIRONMENTALLY SAFE - **100% biodegradable** and FDA-compliant

TEMPERATURE-RESISTANT - **0°C** to **21°F**

COMPATIBLE - Laser printable sheets work with standard laser printers

Laser Sheets (TEMP. RANGE: **0°C** TO **21°C**)

CAT. NO.	COLOR	SIZE	U OF M	PRICE
71826-10	White	2.625" x 1.00" / 67mm x 25mm	750/pk	\$99.00
71826-20	White	4.00" x 1.00" / 102mm x 25mm	500/pk	99.00

SPECIALTY TOUGH-SPOTS® *On a Roll*

TEMPERATURE RESISTANT - From **-196°C** to **80°C**

SAVE TIME - Preprinted Tough-Spots make labeling and identifying samples quick and easy. Use the numbered Tough-Spots to identify a series of samples, no handwriting or printing needed

COLOR CODED - The best of both worlds! Each color coded Tough-Spot has a distinctly different color to identify similar samples and also includes a white area to clearly write a quick note about it

SAFETY - Lab safety is always a top priority. Use the Biohazard or Radioactive Tough-Spots to identify tubes or other vessels containing hazardous materials



CAT. NO.	COLOR	SPOT DIAMETER	IDEAL USE	U OF M	PRICE
77593-9	Dark Blue	7/16" - 11mm	Color Coding & Writing	1,000/roll	\$35.00
77593-11	Dark Green	7/16" - 11mm	Color Coding & Writing	1,000/roll	35.00
77593-12	Copper	7/16" - 11mm	Color Coding & Writing	1,000/roll	35.00
77593-13	Plum	7/16" - 11mm	Color Coding & Writing	1,000/roll	35.00
77593-14	Biohazard symbol	3/8" - 9.5mm	Identifying hazardous samples	1,000/roll	25.00
77593-15	White	3/8" - 9.5mm	Prenumbered 1-10	1,000/roll	25.00
77593-16	White	3/8" - 9.5mm	Prenumbered 1-100	1,000/roll	25.00
77593-17	White	3/8" - 9.5mm	Prenumbered for 96-well plates	1,000/roll	25.00
77593-18	Radioactive symbol	3/8" - 9.5mm	Identifying Radioactive samples	1,000/roll	25.00

SPECIALTY LABELS *On a Roll*



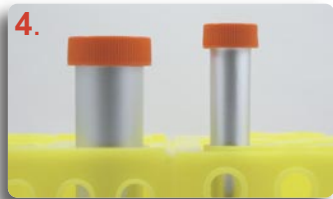
(TEMP. RANGE: **-40°C** TO **121°C**)



(TEMP. RANGE: **-196°C** TO **180°C**)



(TEMP. RANGE: **-40°C** TO **21°C**)



(TEMP. RANGE: **-40°C** TO **121°C**)

CAT. NO.	COLOR	LABEL SIZE	IDEAL USE	U OF M	PRICE
1. 77541-GP	Green>Purple	0.94" x 0.50" (24mm x 13mm)	Color Changing Labels for Autoclaves	1,000/roll	\$45.00
77542-GP	Green>Purple	1.28" x 0.50" (33mm x 13mm)	Color Changing Labels for Autoclaves	1,000/roll	\$55.00
2. 77540-W	White	1.50" x 0.75" (38mm x 19mm)	Oven Safe Marking Labels	250/roll	\$65.00
77539-B	Blue	1.25" x 0.50" with 7/16" spot	Color Coded Dual Tough-Tags	500/roll	\$45.00
77539-G	Green	1.25" x 0.50" with 7/16" spot	Color Coded Dual Tough-Tags	500/roll	45.00
3. 77539-R	Red	1.25" x 0.50" with 7/16" spot	Color Coded Dual Tough-Tags	500/roll	45.00
77539-W	White	1.25" x 0.50" with 7/16" spot	Color Coded Dual Tough-Tags	500/roll	45.00
77539-Y	Yellow	1.25" x 0.50" with 7/16" spot	Color Coded Dual Tough-Tags	500/roll	45.00
4. 77597-10	Silver	4.75" x 2.25 (12.07cm x 5.7cm)	Light-Bloc Labels	100/roll	\$40.00
77597-20	Silver	4.75" x 3.75" (12.07cm x 9.5cm)	Light-Bloc Labels	100/roll	45.00

*Specially Designed
Labels for Unique
Applications*

Custom Printed Labels

For Automated or Standard Applications



Full color logo and symbol printing is available in all formats.



Barcoded labels with human readable information can be shipped, ready to apply.

THE RIGHT LABEL WHEN YOU NEED IT

Electron Microscopy can help you reach your production and sample tracking goals! We have a wide variety of materials available to suit your specific labelling and storage needs. These proven label systems provide superior sample integrity and traceability. These solutions are available for use with any standard laser printer, thermal transfer printer or direct thermal printer. Whether you need an off-the-shelf solution or a fully customized one, we can help!

YOUR LABEL, THE WAY YOU WANT

When you consider material choices, label sizes/shapes, printing methods, printing formats and branding requirements, the possibilities are endless! We can deliver the exact label you need for your application. Our customization capabilities range from simple sizing requirements to complex, load-and-apply solutions.

CAPABILITIES:

- Custom Sizes/Layouts - Designed to your specifications
- Pre-Printed Logos - For subsequent printing/barcoding
- Fully Printed Labels - Shipped ready to apply
- Special Formats - Designed for your automated printer/labeler

TEMPERATURE RANGE: -196°C to 150°C (The proper label will be chosen to meet your temp. needs)

RESISTANCE CHARACTERISTICS:

- Liquid Nitrogen Storage
- Vapor Phase Nitrogen
- Multiple Freeze/Thaw Cycles
- Organic Solvents
- Caustic Agents
- Boiling Water Baths
- Autoclaving Microplates
- Scuffing
- Printing Degradation

IDEAL USE:

- Cryogenic Tubes
- Microtubes & Vials
- Glass Containers
- Cardboard Boxes
- Plastic Tube Racks
- Stainless Steel Racks



Labels can be provided with pre-printed barcodes as well as logos for future printing of additional information

Pre-Printed Barcodes

Serialization You Can Depend On



WORRY-FREE TRACEABILITY

Many factors are considered when choosing and printing a barcode for sample tracking. From simple in-lab sample tracking for freezer storage, to advanced sample preparation for bio-banking applications, we can provide the best label with the highest quality barcodes for your needs. Sharp, easy to scan linear and 2D barcodes with crisp human readable information can easily be pre-printed on your choice of label to ensure that all samples can be recorded and easily tracked during the duration of their storage.



High-Speed Mini-Centrifuge

Maximum Speed with Minimal Space!

This compact centrifuge is ideal for most protocols calling for fast spins (up to 12,500 rpm / 9,800 rcf) and quick spindowns. Useful for PCR®, microfilter cell separation, clinical applications, and HPLC protocols. Operation is extremely simple for this high-level of sophistication. For duplicate spins, simply reload rotor and push Start. Designed with quick-spin option for commonly used 20-second spins. Includes a toolfree, quick-change rotor system. Safety features ensure the unit will not operate with an open lid, a jammed rotor or when out of balance. Efficiently designed for minimum bench top space.

Max Speed: 12,500 rpm
Max RCF: 9800 x g
Dimensions: 203 x 171 x 114 mm
Voltage: 100 to 240

- Gusto includes:**
- Two rotors:
 - 12 place standard rotor with lid for 1.5/2 mL tubes
 - 8-place strip rotor for four 0.2 mL tube strips or 32 single tubes
 - Twelve 0.2 mL and twelve 0.5 mL adapters for customized use
 - AC adapter 100 to 240VAC, 50/60Hz

CAT. NO.	DESCRIPTION	U OF M	PRICE
72359-12	Gusto mini-centrifuge	Each	\$995.00

sprout[®] mini centrifuge

Introducing the next generation of the sprout mini-centrifuge loaded with new features for increased efficiency in the lab.

Two new SnapSpin™ rotors (a six-place standard rotor and an eight-place strip rotor) snap in and out for fast and easy changes! Plus, two sets of adapters accommodate all major microtube and PCR type styles (2.0, 1.5, 0.5, 0.2 ml) for customized use.

The Sprout® is ideal for microfilter cell separations and HPLC samples. With most spins lasting around 20 seconds, the ergonomically designed lid was specifically designed to fit in the palm of the hand for easy repeat opening and use. Made with UV resistant plastic.

Operation is now faster and easier: Snap in rotor, load and close. For repeated spins, simply close the lid to reactivate. An internal safety switch ensures the Sprout® will not operate with the lid open. Small footprint offers minimal benchtop space and removable cord for compact storage.

Max Speed: 6000 rpm
Max RCF: 2000 x g
Dimensions: 153 x 128 x 104 mm
Voltage: 110 to 230 models available



- Includes:**
- Two easy change, tool-free rotors:
 - Six-place standard rotor for 1.5/2.0ml tubes
 - Eight-place strip rotor for 0.2ml tube strips or 16 single tubes
 - Six 0.2ml and six 0.5ml adapters for customized use
 - Storage Case - Keeps rotors and adapters contained and dust-free
 - Tube Rack - Convenient for handling samples before and after quick spins
 - AC adapter 110 to 230VAC, 50/60Hz

CAT. NO.	DESCRIPTION	U OF M	PRICE
72360	Sprout® mini-centrifuge	Each	\$325.00

RF3000[™]



- Includes:**
- Wall-mounted holder and charging stand
 - Nozzle adapter for use with 1ml pipettes
 - Li-Ion battery lasts for days of use between charges
 - Three replacement 0.45µm filters
 - Pack of 5 nose cones - Blue, Lime, Shamrock, Teal, Lilac
 - AC adapter 100 to 240VAC, 50/60Hz

CAT. NO.	DESCRIPTION	U OF M	PRICE
70955-01	RF3000	Each	\$300.00
70955-02	RF3000 Replacement Filters	5/pk	35.00

Pipette Controller

Powerful Pump for Quick and Accurate Measurements

This ergonomic pipette controller is lightweight, made of UV resistant material, features adjustable valves and is microprocessor controlled for consistent reliability and accuracy. The powerful pump offers rapid, yet sensitive aspiration and dispensing. Filling and dispensing speed is easily set with the same hand. Repeatedly press the large mode button and the bright LED's will indicate one of three modes: High, Low or Gravity Mode (Gravity Mode: "to contain" pipettes and dispense liquid without the motor).

Five colored nose cones are included to help differentiate for departmental or specific use coding. The RF3000 accommodates glass and plastic pipettes ranging in volume from 1 to 100 mL. The 0.45µm nozzle filter prevents contamination and the 1mL nozzle adapter helps keep small pipettes stable.

The RF3000 can be recharged while in use or while resting in either the bench top stand or magnetic wall-mountable holder (both included).

Material: ABS (housing), PP (nose cones), Silicone (adapter)
Dimensions: 152 x 152 x 41 mm
Color: White with Blue accents

Digital Dry Bath Thermally Control Samples During Use

VERSATILE – Utilizes all CoolSafe system chambers!

STABLE OPERATION – Temperatures can be controlled from 5° above ambient to 100°C in 1° increments.

UNIFORM HEAT TRANSFER – Aluminum block evenly transfer heat to tubes.

EASY REMOVAL – Each unit comes with a block lifter to safely remove hot chambers.

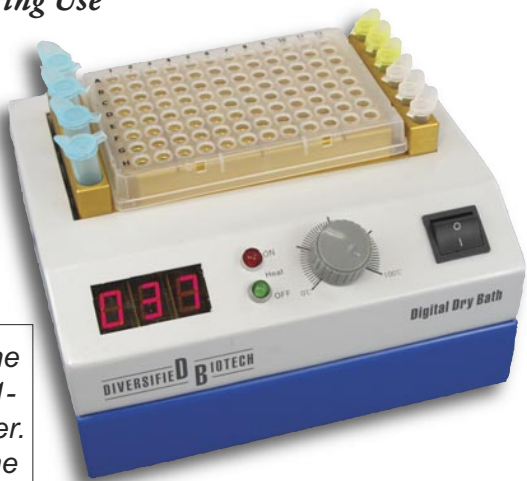
SMALL FOOTPRINT - 7.625” W x 6.375” D x 4.125”

Note: Unit voltage is 110/115

CAT. NO.	DESCRIPTION	U OF M	PRICE
67119-10	Digital Dry Bath	EACH	\$550.00
67119-20	Digital Dry Bath w/CHAM-1000 and lifter	EACH	798.00
67119-30	Digital Dry Bath w/CHAM-3840 and lifter	EACH	855.00
67119-40	Digital Dry Bath w/CHAM-9600 and(2x) lifter	EACH	820.00

CAT. NO.	DIMENSIONS	IDEAL USE	PRICE
61951-10	6 1/8”L x 3 1/8”W x 1”H	0.2ml tubes	\$198.00
61951-20	6 1/8”L x 3 1/8”W x 1 1/4”H	0.5ml tubes	170.00
61951-30	6 1/8”L x 3 1/8”W x 1 1/2”H	1.5ml tubes	170.00
61951-40	6 1/8”L x 3 1/8”W x 1 1/2”H	1.5ml Cryogenic tubes	170.00
61951-50	6 1/8”L x 3 1/8”W x 1”H	384-well plates	255.00
61951-60	6 1/8”L x 3 1/8”W x 2 1/2”H	5ml tubes	180.00
61951-70	6 1/8”L x 3 1/8”W x 1 1/2”H	0.2ml, 0.5ml, 1.5ml tubes	170.00
61951-80	6 1/8”L x 3 1/8”W x 1”H	For flat-bottom microplates	170.00
61951-95	6 1/8”L x 3 1/8”W x 1/2”H	Dry Bath Lifting Block	75.00

Note: To use microplates with the 61951-10, 61951-50, and 61951-80, you will need a lifting chamber. This chamber is included with the 67119-20, -30 and -40.



Lab-Sorb™

Converts Liquid Waste to Solid Waste for Easy Disposal

PROTECT YOUR SEPTIC!- Lab-Sorb can be used at locations connected to septic systems to dispose of liquid waste without pouring them down the drain

CONVENIENT - Includes extra durable disposal bags, super absorbant LabSorb granules and a convenient graduated scoop

BIOHAZARD DISPOSAL AID - Reduces the possibility of spillage or leakage, put Lab-Sorb at the bottom of your biohazard bin. If spills occur, use LabSorb for safe liquid containment during cleanup.

QUICK - Convert liquids to solids in seconds

ADAPTABLE - Apply to any volume of liquid waste including 500mL, 600mL, 1L and 2L vessels. One jar of LabSorb can absorb up to 50 litres of liquid

VERSATILE - LabSorb granules can rapidly absorb aqueous or mixed aqueous and organic solvent waste

Solvent Retention Capacity Tests
Lab-Sorb is a great way to dispose of test by-products!



CAT. NO.	DESCRIPTION	U OF M	PRICE
68552-06	Lab-Sorb, 16 oz. jar	Each	\$35.00
68552-(x)	Lab-Sorb Starter Kit	Kit*	50.00
68552-10	LabSorb Variety Starter Kit	Kit**	50.00
68552-(xx)	Lab-Sorb Disposal Bags	50/pack	30.00

Specify (x) to choose kit size: 07=Small, 08=Medium, 09=Large
(xx) to choose bag size: 11=Small, 12=Medium, 13=Large
* Each Kit includes a 16oz. jar of Lab-Sorb and 25 bags
**Variety Starter Kit includes LabSorb and 15 Small, 10 Medium and 5 Large Bags

Wash-N-Dry™ Slide Rack

MAXIMUM CIRCULATION - Offset design allows liquid and air to optimally flow around and between all the slides ensuring best cleaning and faster drying times

MINIMALIST DESIGN - Tailored to contact a minimal amount of slide surface area permitting solutions and air to affect entire slide

HOLDS 12 SLIDES - Securely holds slides for convenient cleaning, treating, staining and drying. Fits standard slide sizes including 25mm and 1” widths

“STIR IT UP” - Space beneath rack accommodates a small magnetic stir bar

LABORATORY FRIENDLY - Utilizes chemically and thermally resistant glass infused polypropylene. Autoclavable!



CREATE A SYSTEM - Use in conjunction with a 200ml tall form beaker (Cat. No. 70366-18) to efficiently use solutions

CAT. NO.	DESCRIPTION	U OF M	PRICE
70366-17	Wash-N-Dry Slide Rack	Each	\$40.00
70366-18	200ml Tall Form Beaker (No. 1060)	Each	15.00

Wash-N-Dry™ Coverslip Rack

HOLDS 10 COVERSIPS - Fast & easy cleaning, surface-treating and drying. Holds all slipcover sizes including 18, 22 and 25mm

DURABLE AND HASSLE FREE - One piece polypropylene rack does not require assembly and is chemically and thermally resistant. Autoclavable!

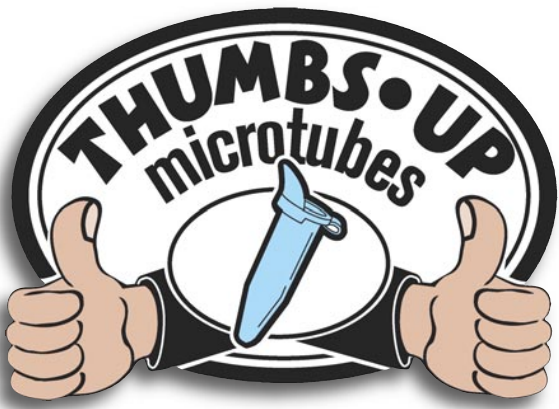
SECURE - Innovative design includes a notch to secure coverslips with a rubber band or loop of monofilament

COMPATIBLE - Fits inside a 100ml beaker with space underneath for a small stir bar when submerged

ECONOMICAL - Available at a fraction of the cost of Teflon®



CAT. NO.	DESCRIPTION	U OF M	PRICE: 1 - 3	4+
70366-16	Wash-N-Dry	Each	\$30.00	27.00



- Polypropylene tubes open with a flip of the thumb
- Vertical tab makes it easier to handle tubes in rotors, racks, heat blocks and water baths
- Reduces sample contamination
- RNase, DNase and Pyrogen free
- Autoclavable
- RCF rating of 22,000 Xg
- Temperature range: -196°C (vapor phase only) to 130°C

CAT. NO.	COLOR	DESCRIPTION	U OF M	PRICE
72370-x	Specify (x)	0.5ml tube	1,000/pack	\$55.00
72371-x	Specify (x)	1.5ml tube	500/pack	30.00
To Specify color, substitute (x) with a number: 0=Clear, 1=Blue, 2=Green, 3=Pink, 4=Purple, 5=Yellow				
*Colors can be combined to reach quantity discount.				

The Easier Opening, Easier to Handle
All Purpose Microtube



Easy Retrieval
Tab allows for quick removal of your tube from crowded racks



Reaction Vessels
Sectors for the 0.5ml tubes hold up to 15µl and sectors for 1.5ml tubes hold 20µl

Bio-Pure™ Laboratory Wipes

100% Biodegradable

Durable, Lint-Free and Biodegradable



General Purpose Cleaning Wipes



REMOVE GRIME - Proprietary surfactant easily breaks-up grease and grime found on most laboratory surfaces

MULTI-SURFACE - Ideal for cleaning benchtops, door handles, pipettors, keyboards and instrument knobs/overlays

PLEASANT - Leaves behind a slight citrus odor

Disinfecting Alcohol Wipes



UNDER THE HOOD - Convenient disinfecting of gloves, surfaces, equipment and petri dishes

IN THE LAB - Easily disinfect shared equipment

NO RESIDUE - 70% IPA/30% H2O mixture evaporates completely

CAT. NO.	DESCRIPTION	U OF M	PRICE
68552-14	BioPure Alcohol Wipes	40/pack	\$11.00
68552-17	BioPure Surfactant Wipes	40/pack	\$11.00

Petri SEAL™ & Container SEAL™

Sealing Tape for Petri Dishes, Microplates,
Lids, Caps and other Lab Items



CONFORMITY - Tape stretches, conforms and seals the irregular perimeter of microtiter plates and petri dishes.

WATERPROOF & CHEMICALLY RESISTANT - Tape and adhesive resist most solvents and caustic agents.

TEMPERATURE RESISTANT - Seal remains flexible in moderate freezer temperatures and withstands intermittent exposure to 100°C.

THREE SIZES - With PetriSeal (0.50"), ContainerSeal (0.75") and ContainerSealXL (1.0"), there is a size for any sealing need.

CAT. NO.	DESCRIPTION	SIZE	U OF M	PRICE
70500-B	PetriSEAL, Blue	0.50" X 108'	Roll	\$30.00
70500-C	PetriSEAL, Clear	0.50" X 108'	Roll	30.00
70500-R	PetriSEAL, Red	0.50" X 108'	Roll	30.00
70500-Y	PetriSEAL, Yellow	0.50" X 108'	Roll	30.00
70500-W	PetriSEAL, White	0.50" X 108'	Roll	30.00
70501-R	ContainerSEAL, Red	0.75" X 108'	Roll	\$35.00
70501-W	ContainerSEAL, White	0.75" X 108'	Roll	35.00
70501-Y	ContainerSEAL, Yellow	0.75" X 108'	Roll	35.00
70502-R	ContainerSEAL XL, Red	1.00" x 108'	Roll	\$45.00
70502-W	ContainerSEAL XL, White	1.00" x 108'	Roll	45.00
70502-Y	ContainerSEAL XL, Yellow	1.00" x 108'	Roll	45.00

The Richter Anti-Vibration Pad

COST EFFECTIVE - An inexpensive solution which dampens vibrations generated from lab equipment

NON-SLIP - Creates a stable surface that will keep equipment in place

VERSATILE - Fits a variety of vortexes, shakers, rockers and microscopes

PORTABLE - Small, lightweight design makes transportation between benches and labs easy

CONFIGURABLE - Pads can be stacked for heavier units or positioned side-by-side for larger equipment



CAT. NO.	PAD SIZE	U OF M	PRICE
67118-10	7.00" x 8.50"	2/pk	\$30.00
67118-20	8.50" x 11.00"	2/pk	35.00
67118-30	1 - 7.00" x 8.50", 1 - 8.50" x 11.00"	2/pk	35.00

Peel-n-Seal

Pre-Cut Sealing Membranes for Flasks

BREATHABLE - A breathable option is available for cell culture applications



NON-BREATHABLE - A non-breathable option is available for general sealing applications

STERILE - Membranes are gamma irradiated to remove cyto-toxins and other contaminants

PROTECTS - Liquid-tight membranes keep solutions safe from contamination during storage

TEMPERATURE RANGES-
Breathable: -20°C to 80°C
Non-Breathable: -40°C to 100°C

Note: For further material information, see the material chart on page 11.



CAT. NO.	DESCRIPTION	IDEAL USE	U OF M	PRICE
Breathe-Easier				
77578-10	Breathable Peel-n-Seal, 1.50"(38.1mm)	250ml Flask	50/pack	\$30.00
77578-20	Breathable Peel-n-Seal, 1.63"(41.4mm)	500ml Flask	50/pack	30.00
77578-30	Breathable Peel-n-Seal, 2.13"(54.1mm)	1,000ml Flask	50/pack	30.00
Titer-Tops				
77578-40	Non-Breathable Peel-n-Seal, 1.50"(38.1mm)	250ml Flask	50/pack	\$30.00
77578-50	Non-Breathable Peel-n-Seal, 1.63"(41.4mm)	500ml Flask	50/pack	30.00
77578-60	Non-Breathable Peel-n-Seal, 2.13"(54.1mm)	1,000ml Flask	50/pack	30.00





A Durable Heat-Resistant, Solvent-Proof Laboratory Stretch Film

- IT CLINGS** - Film can cling to itself and glass vessels
- HEAT RESISTANT** - Softens at 100°C
- STRONG** - Film can stretch 300-400% before breaking or tearing
- TIGHT SEALING** - Forms an air tight barrier when stretched across openings
- VERSATILE** - Compatible in more applications than Parafilm®.
- TWICE AS LONG** - Twice as long as Parafilm rolls

CAT. NO.	SIZE	IDEAL USE	U OF M	PRICE
70994-07	1.00" x 150' (25mm x 45.7m)	Test tubes/vials	Roll	\$27.00
70994-08	2.00" x 500' (51mm x 152.4m)	Beakers	Roll	48.00
70994-09	4.00" x 500' (102mm x 152.4m)	Jars, Bottles	Roll	83.00
70994-10	5.00" x 150' (127mm x 45.7m)	Large Containers	Roll	75.00
70994-20	DuraSharp Shears		Each	11.00



Eco-Friendly
Glassine Weighing Boats

BIODEGRADABLE - Guilt-free glassine paper will completely breakdown when discarded

NO STATIC BUILD-UP - Glassine paper is free of static electricity that plagues disposable plastic weighing dishes (polystyrene and polyethylene)

CONTAMINANT FREE - Pure glassine is an ultra-clean “GREEN” paper product

EASY TO USE - Robust and durable yet easy to fold for pouring

IDEALLY SIZED - Measures 3.5” diameter for standard weighing balances

COLOR CONTRAST - Chocolate-colored glassine reveals every particle of material



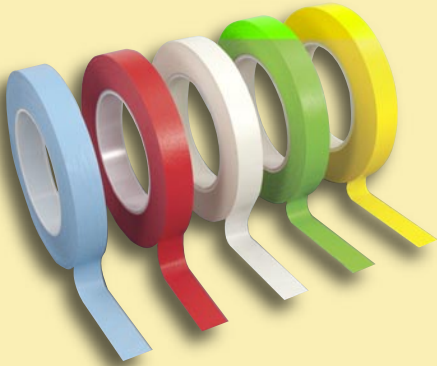
Light-colored powders, as pictured above, are easily visible. Simply weigh the powder, fold and pour into container.

CAT. NO.	COLOR	SIZE (DIAMETER X DEPTH)	U OF M	PRICE
70084-1	Chocolate	3.50" x 0.50"	150/pack	\$25.00

Labeling Tape

For Laboratory Identification

- MARKABLE** - Use pen, pencil or marker
- NO RESIDUE** - Leaves no adhesive residue when peeled off
- WATER RESISTANT** - Also oil and acid resistant
- TEMPERATURE** - Withstands cold (-23°C) and hot (121°C) temperatures



CAT. NO.	COLOR	LABEL SIZE	U OF M	PRICE
77627-x	Specify	0.75" x 500" (19mm x 12.7m)	Roll	\$10.00
77628-x	Specify	0.75" x 2,160" (19mm x 54.9m)	Roll	32.00
To Specify color, substitute (x) with a letter: W=White, Y=Yellow, G=Green, B=Blue, R=Red				



	DuraSeal Cling	Parafilm®
Temperature Resistance	Softens above 100°C	Softens at or below 68°C
Chemical Resistance	Resists essentially all solvents	Dissolves in carbon tetrachloride, chloroform, phenol, ethyl, benzene, hexane, etc.
Stretchability	Stretches 300-400%	Stretches 200%
Packaging	No interleaf paper	Interleaf paper must be removed prior to use

Sealing Films

Pre-Cut Adhesive Films For Microplate Sealing Needs

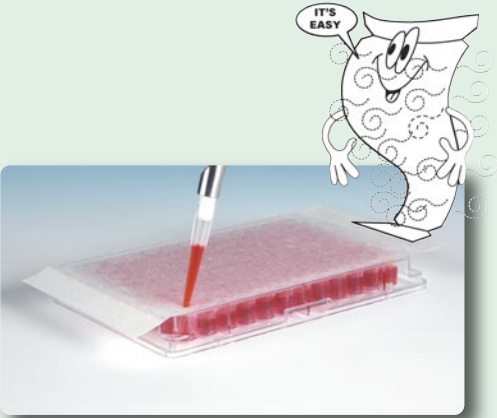
STERILE & NON-CYTOTOXIC - Sterilized by gamma irradiation. Films are also free of cytotoxins

PREVENT CONTAMINATION - Films eliminate well-to-well contamination, microbial and viral contamination, evaporation (excluding breathable membranes) and sample spillage

IDEALLY SIZED AND DESIGNED - 6" x 3.25" rectangles fit all microplates. Two scored end-tabs make film positioning and removal hassle-free

THERMAL STABILITY - Designed to withstand a wide temperature range

EASY SPECIMEN RETRIEVAL - Pierceable films facilitate easy removal of samples with a pipet



Breathe-Easier membranes permit rapid, consistent gas exchange of Oxygen, CO2 and Water Vapor for uniform cell growth.

Breathe-Easy®

Breatheable Films for Use in Cell Growth

IDEAL USE- Cell Culture
MATERIAL- Polyurethane
GAS - PERMEABLE - Yes
UV TRANSPARENT- To 300nm
TEMP. RANGE- -80°C to 100°C
THICKNESS- 1 mil (0.001 in.)

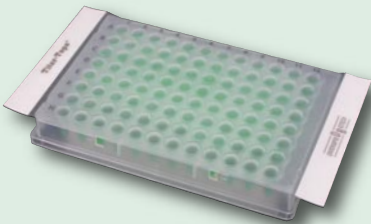


CAT. NO.	DESCRIPTION	U OF M	PRICE
70536-10	Breathe-Easy	100 sheets/pack	\$76.00

Titer-Tops®

Prevent Cross-Well Contamination

IDEAL USE- Misc. Storage
MATERIAL- Polyethylene
GAS - PERMEABLE - No
UV TRANSPARENT- To 250nm
TEMP. RANGE- -40°C to 100°C
THICKNESS- 4.4 mil (0.0044 in.)

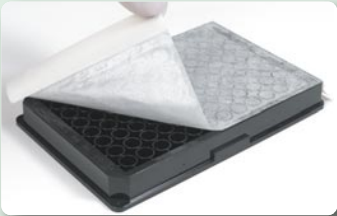


CAT. NO.	DESCRIPTION	U OF M	PRICE
70538-05	Titer-Tops	50 sheets/pack	\$35.00
70538-10	Titer-Tops	100 sheets/pack	60.00

Breathe-Easier

Breatheable Films for Use in Cell Growth

IDEAL USE- Cell Culture
MATERIAL- Non-woven rayon
GAS - PERMEABLE -Yes
UV TRANSPARENT- No
TEMP. RANGE- -20°C to 80°C
THICKNESS- 5.5 mil (0.0055 in.)



CAT. NO.	DESCRIPTION	U OF M	PRICE
70536-20	Breathe-Easier	100 sheets/pack	\$60.00

AluminaSeal™

For Cold and PCR Storage

IDEAL USE- Cold Storage
MATERIAL - Aluminum
GAS - PERMEABLE - No
UV TRANSPARENT- No
TEMP. RANGE- -80°C to 110°C
THICKNESS- 2.7 mil (0.0027 in.)



CAT. NO.	DESCRIPTION	U OF M	PRICE
70534-10	AluminaSeal	100 sheets/pack	\$68.00

Microplate Brayer

For Plate Sealing

Uniformly seal your films to microplates with this 4" Brayer. It's perfect for all your sealing films.

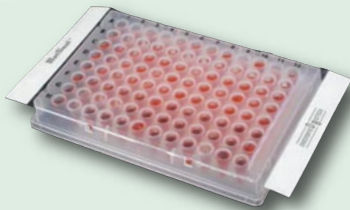


CAT. NO.	DESCRIPTION	U OF M	PRICE
70534-40	4" Soft Rubber Brayer	Each	\$19.00

HotSeal™

Ideal for PCR Applications

IDEAL USE- PCR
MATERIAL- Polyester
GAS - PERMEABLE - No
UV TRANSPARENT- No
TEMP. RANGE- -40°C to 125°C
THICKNESS- 2.3 mil (0.0023 in.)

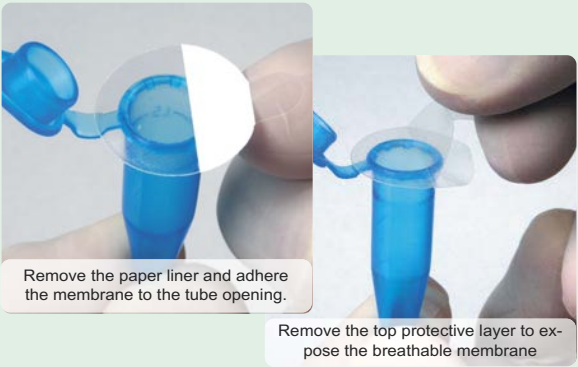


CAT. NO.	DESCRIPTION	U OF M	PRICE
70534-20	HotSeal	100 sheets/pack	\$60.00

Breathable Tube Membranes

Micro-permeable Membranes for Microtubes

- Ideal for cell growth and freeze drying
- Permits consistent gas exchange
- Easy microtube cap closure
- Will not bind in centrifuge rotors
- Easy-to-use finger tab for quick liner removal
- Pre-cut to fit a variety of popular tube sizes
- Sterile and free of cytotoxins



Remove the paper liner and adhere the membrane to the tube opening.

Remove the top protective layer to expose the breathable membrane

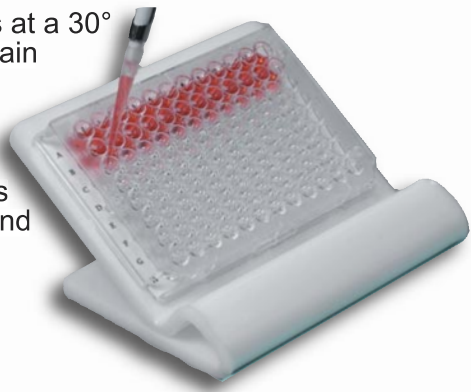
CAT. NO.	DESCRIPTION	U OF M	PRICE
70537-10	Breathe-EASY†	100/pack	\$36.00
70537-20	Breathe-EASIER	100/pack	36.00

† Patented - US # 5,836,618

Well Plate Stand

COMFORT - View samples at a 30° angle and pipette without strain

SECURE - The neoprene pad and rubber feet prevents slippage of the plate and stand



CAT. NO.	DESCRIPTION	U OF M	PRICE
70490-20	Well Plate Stand	Each	\$35.00

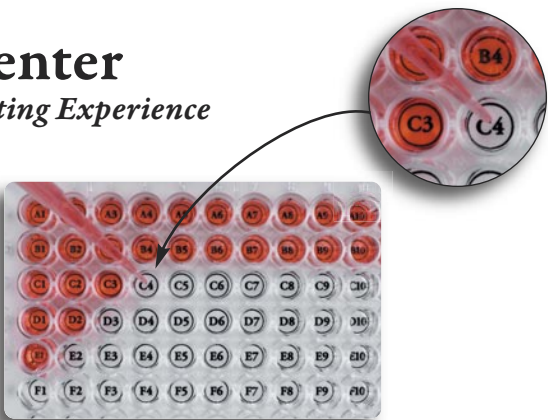
Well Orienter

For an Improved Pipetting Experience

CONVENIENT - Visual aid for pipetting and identification of samples in microplates

CRISP - Sharp, alpha-numeric characters compatible with 96-, 48- or 24-well microplates

PAIN FREE! - No more cross-referencing headaches!



CAT. NO.	DESCRIPTION	U OF M	PRICE
70490-10	96-Well Orienter	4/pack	\$25.00
70490-11	48-Well Orienter	4/pack	25.00
70490-12	24-Well Orienter	4/pack	25.00

Adjustable Well Plate Stand

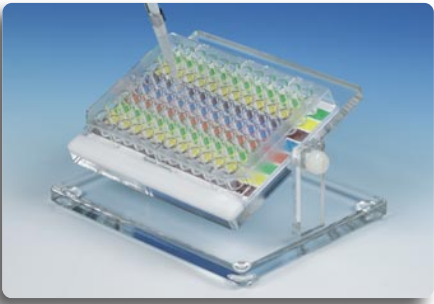
A Convenient, Adjustable-Angle Stand for Pipetting

FLEXIBLE - Achieves accurate pipetting by allowing the users to adjust the angle of the microplate

CONVENIENT - Knob easily adjusts the angle (45° max. tilt) required to fully view every well

COMPACT - Design takes up little bench-top space measuring only 6”L x 4 1/2”W x 2 1/2”H

DURABLE - Acrylic material will last for years if properly cared for



Adjustable Well Plate Stand shown with a 96-well Color Orienter (sold separately).

CAT. NO.	DESCRIPTION	U OF M	PRICE
70493-01	Adjustable Well Plate Stand	Each	\$70.00

Angled Bottle Rest†


PROTECTION - Preserves aseptic nature by preventing contaminants from falling into the bottle

COMPATIBILITY - Ideal for use with a variety of pipets and pipettors, both manual and electronic

COMFORT - Reduces arm and wrist strain allowing pipetting at a comfortable 45° angle

IDEALLY SIZED - Unique design accommodates 200ml, 500ml and 1L square and round bottles

CONVENIENT - Safely leave your pipet in the bottle when not in use



†Patented - US # D 536,933

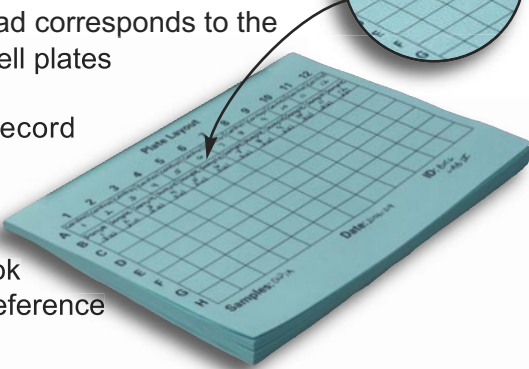
CAT. NO.	DESCRIPTION	U OF M	PRICE
70989-01	Angled Bottle Rest	Each	\$68.00

Well Pad

CONVENIENT - Note pad corresponds to the layout of 96-, 48- or 24-well plates

ACCURATE - Clearly record samples in a microplate

EASY REFERENCE - Adhere sheets to notebook pages to create a quick reference guide



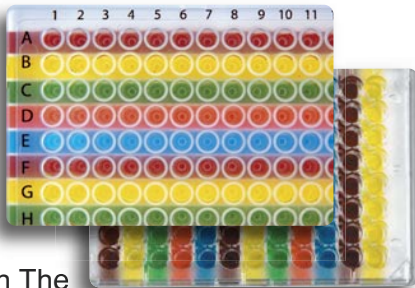
CAT. NO.	DESCRIPTION	U OF M	PRICE
70490-30	96-Well Pad (7" x 5")	50/pad	\$12.00
70490-31	48-Well Pad (7" x 5")	50/pad	12.00
70490-32	24-Well Pad (7" x 5")	50/pad	12.00

96-Well & 384-Well COLOR Orienters

HIGH CONTRAST - Bright colors make it easy to distinguish between columns and rows

UNIVERSAL - Fits most standard flat and round bottom 96-well and 384-well plates

COMPATIBLE - Ideal for use with The Pipetter Guide for efficient and stress-free identification of rows and columns



CAT. NO.	DESCRIPTION	U OF M	PRICE
70490-18	96-well Vertical Orientation	2/pack	\$30.00
70490-17	96-well Horizontal Orientation	2/pack	30.00
70490-16	384-well Vertical Orientation	2/pack	30.00
70490-15	384-well Horizontal Orientation	2/pack	30.00


Well Orienter Stickers

Adhesive Sheets for Well Orientation

SINGLE APPLICATION - Permanently label multiple microplates

INSTANT ORIENTATION - Wells are clearly marked with its corresponding row number and column letter for quick cross-referencing

TIME SAVING - Scored paper backing makes aligning quick and easy!



The markings of each filled well are easily readable.

CAT. NO.	DESCRIPTION	U OF M	PRICE
70490-14	96-well Orienter Sticker	50/pack	\$29.00

Pipetter Guide

Easy Microplate Viewing for Pipetting and Liquid Transfer


ALIGN PIPETTER – Easily target microplate wells using the plastic sliding grid

REFERENCE WELLS – The sliding guide is clearly marked with letters for fast and easy orientation

“EASY ON THE EYES” – Reduces eyestrain during tedious pipetting work

VERSATILE - Adjust the height to accommodate flat or v-bottom micro or PCR plates

COMPATIBLE - With multi-channel or single-channel pipettors



Use the Pipetter Guide (Single Place shown) with a 96-Well Color Orienter (sold separately) for added ease.

CAT. NO.	DESCRIPTION	DIMENSIONS (LxWxH)	PRICE
70494-30	Single Place - PCR/Microplates	7.25" x 4.00" x 2.00"	\$140.00
70494-40	Double Wide - PCR/ Microplates	13.25" x 4.00" x 2.00"	180.00

Bio-PureTM

100% Biodegradable

Reagent Reservoirs

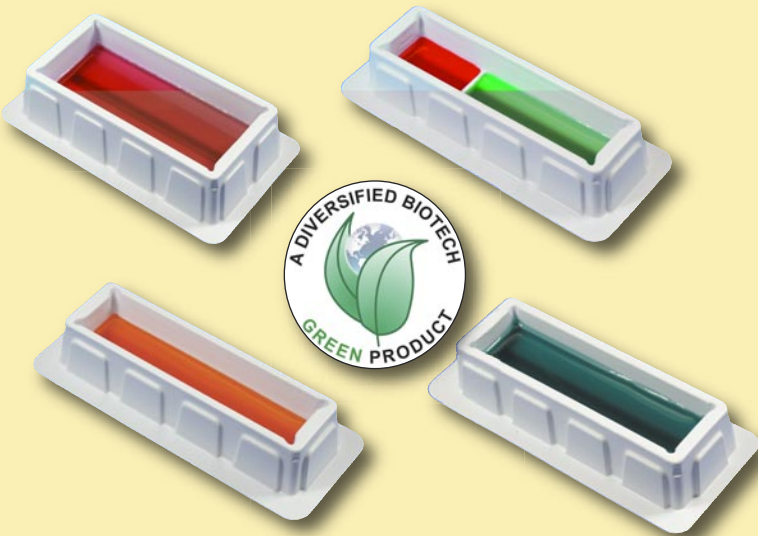
- BIODEGRADABLE** - Using a special additive to PET, our reservoirs will safely degrade over time
- 100% ECO-FRIENDLY** - Each case of Bio-Pure Reservoirs are packed in bio-degradable bags and recycled cardboard cases
- UNIQUE** - “Trough within a trough” maximizes reagent recovery
- CONVENIENCE** - Pour-off spouts on all four corners
- STABLE** - A wide base and reinforced sidewalls avoid spills and provide stability
- MEASURABLE** - Graduated marks on inside wall
- STERILE** - Sterilized by gamma irradiation
- COMPATIBLE** - 25ml Reservoir with divider accommodates eight channel pipets on one side and one to four channel pipets on the other. The divider is also convenient for adding controls

Sterile Cases of Bio-Pure Reagent Reservoirs

CAT. NO.	DESCRIPTION	U OF M	PRICE
70497-45	100ml Reservoir	100/case (10 pks. of 10)	\$80.00
70497-46	25ml Reservoir w/ divider	100/case (10 pks. of 10)	65.00
70497-47	25ml Reservoir	100/case (10 pks. of 10)	65.00
70497-48	50ml Reservoir	100/case (10 pks. of 10)	80.00

Takes only five years to breakdown rather than 1,000 years or more!!

Disposable, Sterile and SAFE for the Environment

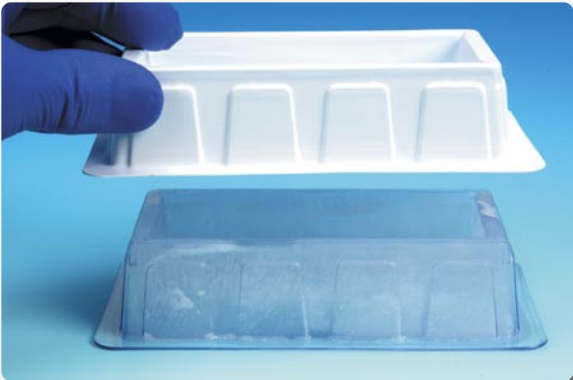


Reagent Reservoir Cooler

Benchtop Cooling of Reagents

- ‘KEEP YOUR COOL’** - Reagents are kept at ~5°C for approximately 3 hours
- NO MESS** - No need for a cumbersome ice bath, the frozen non-toxic gel is contained in a sealed molded cavity
- EXTRA TIME** - Extends safe working time for temperature sensitive reagents
- FITTED** - Our 100ml, 50ml and 25ml Reservoirs fit perfectly and snugly onto the Cooler ensuring uniform cooling

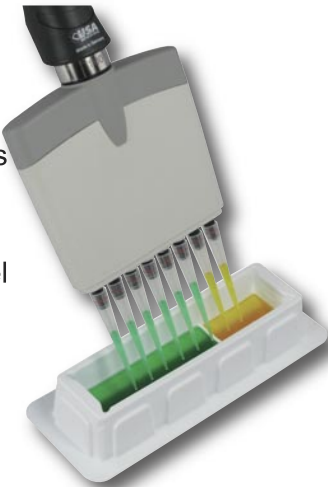
CAT. NO.	DESCRIPTION	U OF M	PRICE
70497-52	25ml Reservoir Cooler	EACH	\$30.00
70497-51	50ml Reservoir Cooler	EACH	30.00
70497-50	100ml Reservoir Cooler	EACH	30.00



Original Reagent Reservoirs

Disposable and Sterile

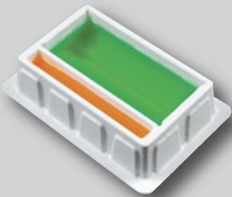
- UNIQUE** - “Trough within a trough” maximizes reagent recovery
- CONVENIENCE** - Pour-off spouts on all four corners
- STABLE** - A wide base and reinforced sidewalls avoids spills and provides stability
- STERILE** - Sterilized by gamma irradiation
- COMPATIBLE** - 25ml Reservoir with divider accommodates eight channel pipets on one side and one to four channel pipets on the other. The divider is also convenient for adding controls
- OPTIONS** - Offered in bulk cases or individually wrapped (ideal for use in clean rooms)



25ml reservoirs with divider (left) and without (right)

100ml Sidecar Reservoir*

- “Two-in-One design” for precise reagent adding/mixing.
- Ideal and efficient to use with small volume control and large volume test reagents
- “Sidecar” holds as little as 10ml of liquid or as much as 20ml



Sterile Cases of Reagent Reservoirs

CAT. NO.	DESCRIPTION	U OF M	PRICE
70495-10	100ml Reservoir	100/case (10 pks. of 10)	\$73.00
70495-20	25ml Reservoir w/ divider	100/case (10 pks. of 10)	63.00
70495-30	25ml Reservoir	100/case (10 pks. of 10)	63.00
70495-40	100ml Sidecar Reservoir	100/case (10 pks. of 10)	78.00
70495-50	50ml Reservoir	100/case (10 pks. of 10)	73.00
70496-10	100ml Reservoir	50 individually wrapped	\$65.00
70496-20	25ml Reservoir w/ divider	50 individually wrapped	55.00
70496-30	25ml Reservoir	50 individually wrapped	59.00
70496-40	100ml Sidecar Reservoir	50 individually wrapped	70.00
70496-50	50ml Reservoir	50 individually wrapped	63.00



Non-Sterile Cases of Reagent Reservoirs

CAT. NO.	DESCRIPTION	U OF M	PRICE
70497-10	100ml Reservoir (NON STERILE)	100/case*	\$70.00
70497-20	25ml Reservoir w/ divider (NON STERILE)	100/case*	55.00
70497-30	25ml Reservoir (NON STERILE)	100/case*	55.00
70497-40	100ml Sidecar Reservoir (NON STERILE)	100/case*	70.00
70497-51	50ml Reservoir (NON STERILE)	100/case*	63.00

* Each Case of 100 is packaged as 10 packs of 10 Reservoirs

THE COOLSAFE™

The World's Most Versatile and Effective Benchtop Cooling and Storage System

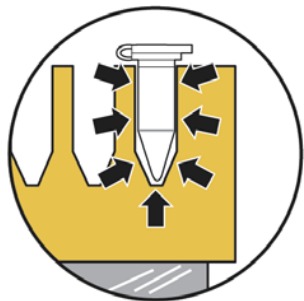
VERSATILE - Designed for 0.2ml tubes (strips or trays), 96-well and 384-well microplates, 0.5ml, 1.5ml, 5ml tubes.

SPECIALLY FORMULATED - Cool Bricks available in two temperature zones: 1°C or -10°C

QUALITY ENGINEERING - Each aluminum Cool Chamber surrounds tubes to guarantee sustained cold temperatures.

DURABLE - The CoolSafe box is made of triple density expanded polystyrene and molded under extreme pressure creating a durable container that guarantees temperature stability.

EASY TO USE - Easily interchange Cool Chambers and Cool Bricks for different sized tubes.



“SURROUND-A-TUBE” ENGINEERING

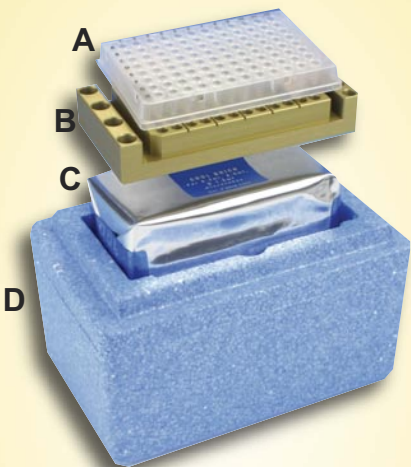
Super temperature-conducting solid aluminum surrounds the vast majority of the surface area of the microtube, keeping the entire sample or tray of samples cool.

Complete CoolSafe Systems

CAT. NO.	DESCRIPTION	HOLES	U OF M	EACH
61950-10	For 0.2ml PCR plates or tubes	96**	Kit *	\$295.00
61950-20	For 0.5ml tubes	91	Kit *	295.00
61950-30	For 1.5ml tubes	48	Kit *	249.00
61950-40	For 1.5ml Cryogenic tubes	55	Kit *	249.00
61950-50	For 384-well plates	384**	Kit *	319.00
61950-60	For 5ml (12 x 75mm) tubes	32	Kit *	260.00
61950-70	For 0.2ml, 0.5ml, 1.5ml tubes	79	Kit *	249.00
61950-80	For flat-bottom microplates	None**	Kit *	249.00
61953-01	CoolSafe Box			28.00

*each Complete CoolSafe System includes:
1 CoolSafe box with lid, 1 Cool Chamber and 2 Cool Bricks (1°C & -10°C)
**These Chambers also include 4 holes for 1.5ml tubes and 6 holes for 0.5ml tubes

The CoolSafe System



A: 96-well PCR Plate (not included)
B: Cooling Chamber (61950-10)
C: Cool Brick (1°C or -10°C Brick)
D: CoolSafe Box*

*Cover not pictured

Individual CoolSafe Components

Cat. No. 61952-20 -10°C Cool Brick Maintains temperature for up to 10 hours For: 0.2ml, 0.5ml, 1.5ml & 5ml tubes Price: \$33.00	Cat. No. 61952-(x) 1°C Cool Brick Maintains temperature for up to 10 hours For: 5ml tubes: x=10 For: 0.2ml, 0.5ml & 1.5ml tubes: x=30 Price Each: \$30.00	Cat. No. 61951-10 Ideal Use: .02ml Tubes PCR plates Holes: 96 (4 for 1.5ml & 6 for 0.5ml tubes) Dim: 6 1/8"L x 3 1/8"W x 1"H Price: \$198.00	Cat. No. 61951-20 Ideal Use: 0.5ml Tubes Holes: 90 Dim.: 6 1/8"L x 3 1/8"W x 1 1/4"H Price: \$185.00	Cat. No. 61951-30 Ideal Use: 1.5ml Tubes Holes: 48 Dim.: 6 1/8"L x 3 1/8"W x 1 1/2"H Price: \$170.00
Cat. No. 61952-40 Ideal Use: 1.5ml Cryogenic Tubes Holes: 55 Dim.: 6 1/8"L x 3 1/8"W x 1 1/2"H Price: \$170.00	Cat. No. 61952-50 Ideal Use: 384-Well Plates Holes: 384 (4 for 1.5ml tubes, 6 for 0.5ml tubes) Dim.: 6 1/8"L x 3 1/8"W x 1"H Price: \$275.00	Cat. No. 61951-60 Ideal Use: 5ml (12 x 75mm) tubes Holes: 32 Dim.: 6 1/8"L x 3 1/8"W x 2 1/2"H Price: \$180.00	Cat. No. 61951-70 Ideal Use: 0.2ml, 0.5ml, 1.5ml tubes Holes: 79 Dim.: 6 1/8"L x 3 1/8"W x 1 1/2"H Price: \$180.00	Cat. No. 61951-80 Ideal Use: Flat bottom microplates Holes: 4 for 1.5ml & 6 for 0.5ml tubes Dim.: 6 1/8"L x 3 1/8"W x 1"H Price: \$180.00

Cryogenic Tube Cooling Chamber

ONE-HAND OPERATION – Locking base holds vial in place as cap is removed

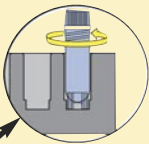
UNIVERSAL – Fits most major cryogenic vial brands including: Nunc, Nalgene, Simport, Corning, and Sarstedt

PRESERVES CELLS – Minimize cell loss from exothermic reactions by preparing samples inside chambers

QUALITY ENGINEERING- Each aluminum Cryogenic Tube Cooling Chamber surrounds tubes to guarantee sustained cold temperatures

DURABLE- Each Chamber is anodized clear to protect from rust and corrosion ensuring longevity

VERSATILE- Use with Cool Bricks to maintain a constant temperature (1°C or -10°C) for up to 10 hours



Each well in the Chamber contains locking ridges that do not allow the cryovial to turn. This unique feature allows for one handed cap removal.

“Locks In” Cryogenic Tubes For Easy Cap Removal

Cat. No 61956-1 Ideal Use: 1.2ml Cryogenic tubes Holes: 32 Dim.: 6 1/8 x 3 1/8 x 1 3/8 Price: \$325.00	Cat. No. 61956-2 Ideal Use: 2.0ml Cryogenic tubes Holes: 32 Dim.: 6 1/8 x 3 1/8 x 1 5/16 Price: \$325.00	Cat. No. 69156-3 Ideal Use: 3.0-4.0ml Cryogenic tubes Holes: 32 Dim.: 6 1/8 x 3 1/8 x 2 3/16 Price: \$375.00
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Complete CryoVial Cooling System

CAT. NO.	DESCRIPTION	IDEAL USE	HOLES	PRICE
61956-31	Cryogenic Tubes CoolSafe System*	For 1.2ml cryovials	32	\$400.00
61956-32	Cryogenic Tubes CoolSafe System*	For 2.0ml cryovials	32	400.00

*Each Complete Cryogenic Tubes CoolSafe System includes:
1 CoolSafe box with lid, 1 Cryo Tube Cooling Chamber and 2 Cool Bricks (1°C & -10°C)

Specialty Chambers* For Ice Pans, Ice Buckets, Cold or Hot Plates

A variety of Specialty Chambers are available to keep samples cool and on ice while you work.
Freeze these Chambers overnight for added cooling convenience.

MULTIPLE USES - Ideal for use on hot or cold plates for temperature sensitive liquid transfers

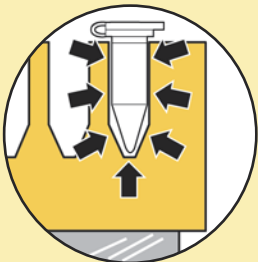
DURABLE - Anodized aluminum blocks will not rust or corrode

IDEALLY SIZED - A variety of options are available to accommodate PCR tubes and trays, 1.5ml tubes, 15ml and 50ml conical tubes

Cat. No. 61955-21 Ideal Use: 15ml tubes Holes: 12 Dim.: 3 1/2"L x 3 1/2"W x 3 1/2"H Price: \$190.00	Cat. No. 61955-30 Ideal Use: 1.5ml Tubes Holes: 64 Dim.: 8 1/4"L x 3"W x 2 1/2"H Price: \$298.00	Cat. No. 61955-40 Ideal Use: 50ml Tubes Holes: 2 Dim.: 3 1/2"L x 1 3/4"W x 3 1/2"H Price: \$150.00	Cat. No. 61955-41 Ideal Use: 50ml Tubes Holes: 4 Dim.: 3 1/2"L x 3 1/2"W x 3 1/2"H Price: \$180.00	Cat. No. 61955-20 Ideal Use: 15ml tubes Holes: 6 Dim.: 3 1/2"L x 1 3/4"W x 3 1/2"H Price: \$180.00
			Cat. No. 61955-41 Ideal Use: 50ml Tubes Holes: 4 Dim.: 3 1/2"L x 3 1/2"W x 3 1/2"H Price: \$180.00	Cat. No. 61955-80 Ideal Use: 1.5ml Tubes Holes: 80 Dim.: 8 1/4"L x 2 5/8"W x 1 1/4"H Price: \$160.00

Mini-Cooling Chambers

For Ice Pans and Ice Buckets



“SURROUND-A-TUBE” ENGINEERING
Super temperature-conducting solid aluminum surrounds the vast majority of the surface area of the microtube, keeping the entire sample or tray of samples cool.

- IDEALLY SIZED** – For use when only a small number of microtubes are required
- MAXIMIZE WORK AREA** – Each Mini-Chamber will fit in our 1L Glacierbrand Ice Pan(6.13” x 6.13” x 3.61”)
- MINIMIZE ICE** – Less Ice is needed to cool these chambers. Less ice means less mess
- SAME GREAT ENGINEERING** – Mini-Chambers are anodized aluminum and utilize our “Surround-A-Tube” cooling technology

Cat. No. 68600-10
Ideal Use: 1.5- 2.0ml Tubes



Holes: 6
Dim.: 3” x 1 ½” x 1 ½”
Price: \$110.00

Cat. No. 68600-20
Ideal Use: 1.5- 2.0ml Tubes



Holes: 15
Dim: 4” x 2 ½” x 1 ½”
Price: \$135.00

Cat. No. 68600-30
Ideal Use: 1.5- 2.0ml Tubes



Holes: 30
Dim: 4 11/16” x 4” x 1 ½”
Price: \$150.00

GLACIERbrand™ Ice Pans & Buckets

- EXCELLENT INSULATION** – Made of the same triple density expanded polystyrene as our popular Ice Pans. Preserve ice 30% longer!
 - WON’T SWEAT** – Thick insulating walls will not sweat
 - EASY-GRIP** – Robust handles make buckets easy to carry
 - INCLUDES LID** – Use the supplied lid to maximize cooling
 - HEAVY-DUTY** – Solidly constructed to be unbreakable under normal laboratory conditions
 - CHEMICALLY RESISTANT** – Resistant to mild chemicals* as well as ice-alcohol slurry, dry ice and liquid nitrogen.
- (*Not recommended for long-term exposure to harsh chemicals or corrosives)



2.5L Ice Bucket
(Lid not pictured)

5L Ice Bucket w/Lid

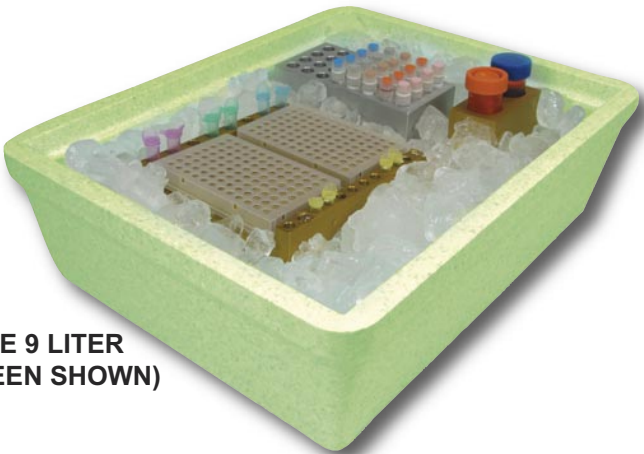
CAT. NO.	DESCRIPTION	COLOR	DIMENSIONS (DIA. X HEIGHT)	VOLUME	PRICE
68600-40	Small Ice Bucket	Blue	10.625” x 4.375” (26.9cm x 11.1cm)	2.5 Liter	\$35.00
68600-50	Small Ice Bucket	Green	10.625” x 4.375” (26.9cm x 11.1cm)	2.5 Liter	35.00
68600-60	Large Ice Bucket	Blue	10.625” x 6.250” (26.9cm x 15.8cm)	5 Liters	45.00
68600-70	Large Ice Bucket	Green	10.625” x 6.250” (26.9cm x 15.8cm)	5 Liters	45.00



SMALL 1 LITER
(ICY BLUE SHOWN)



MEDIUM 4 LITER
(ICY PINK SHOWN)



LARGE 9 LITER
(ICY GREEN SHOWN)



CAT. NO.	DESCRIPTION	COLOR	DIMENSIONS	VOLUME	PRICE
63311-(x)S	Small Ice Pan	Specify	6.13” x 6.13” x 3.61” (15.6cm x 15.6cm x 9.17cm)	1 Liter	\$15.00
63311-(x)M	Medium Ice Pan	Specify	12.25” x 8.75” x 4.75” (31.12cm x 22.2cm x 12.1cm)	4 Liters	35.00
63311-(x)L	Large Ice Pan	Specify	17.25” x 13.50” x 4.96” (43.8cm x 34.3cm x 12.63cm)	9 Liters	49.00
To Specify color, substitute (x) with a number: 1=Icy Blue, 2=Icy Green, 3=Icy Pink [Ordering Example: 63311-1S for 1 Liter Icy Blue or 63311-3L for 9 liter Icy Pink]					

OneRack® Test Tube Racks



These durable racks are molded in a single, continuous piece - no assembly required and no detachable pieces. Racks are made of Delrin® fiberglass-reinforced polyoxymethylene, an engineered polymer developed by DuPont to have exceptional chemical and heat resistance. Molded index coordinates and flat labeling areas keep samples organized.

Temp. Range: -40°C to 140°C

CAT. NO.	COLOR	DESCRIPTION	DIMENSIONS	U OF M	PRICE
61617-0(x)	Specify	For 16mm Tubes, 36-place	127mm L x 250mm W x 70mm H	Each	\$20.00
61618-0(x)	Specify	For 20mm Tubes, 20-place	100mm L x 252mm W x 83mm H	Each	25.00
61619-0(x)	Specify	For 30mm Tubes, 9-place	110mm L x 282mm W x 85mm H	Each	25.00
To Specify color, substitute (x) with a number: 1=Blue, 2=Green, 3=Magenta, 4=White					

Delrin® is a registered trademark of E.I. du Pont de Nemours and Company

Rota-Rack Tube Racks

Get organized with fun, inter-locked racks! Rotate each of the four modules independently. Use several sizes of test tubes, culture tubes, centrifuge tubes, or micro-centrifuge tubes at the same time. Click each module into place, load tubes, and carry! Rack maintains its orientation until you twist it again. Comes fully assembled, Autoclavable.

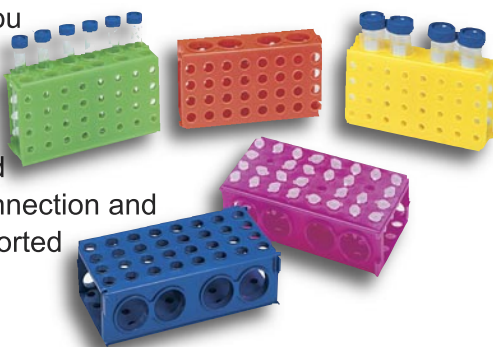


61604-10 Measurements: 224 x 110 x 110 mm
61604-20 Measurements: 210 x 100 x 100 mm

CAT.NO.	DESCRIPTION	COLOR	U OF M	PRICE
61604-10	For 50ml, 15ml, 20 & 10-13mm Tubes	Assorted	Each	\$53.00
61604-20	For 15, 1.5/2.0, 0.5 & 0.2ml Tubes	Assorted	Each	53.00

4-Way Microtube Racks

Create as large a rack as you need by linking together multiple racks. Heavy duty polypropylene racks feature a unique system of tabs and slots, that facilitate easy connection and sturdy fit. Autoclavable. Assorted colors or natural.



Measurements: 174 x 95” x 52 mm

CAT.NO.	DESCRIPTION	COLOR	U OF M	PRICE
61615-00	4-Way Microtube Rack	Assorted	5/pack	\$49.00
61615-20	4-Way Microtube Rack	Natural	5/pack	54.00

80-Well Microtube Racks

Popular fraction-collector-plate style rack. Easily fill and transfer 80 tubes in compact arrangement (5 x 16 array). Polypropylene rack has molded-in coordinates to aid organization. Autoclavable. Assorted colors or natural.



Measurements: 225 x 67 x 28 mm

CAT.NO.	DESCRIPTION	COLOR	U OF M	PRICE
61603-A	80-Well Reversible Rack	Assorted	5/pack	\$26.00
61603-N	80-Well Reversible Rack	Natural	5/pack	26.00

100-Well Microtube Storage Boxes

Durable storage for microtubes and cryogenic vials. Rugged polypropylene box has durable three-point hinges and clasp for secure closure. Molded grid lines on lid and additional imprinting on bottom base provides easy identification. Raised coordinates on each well for quick tube or vial location. Autoclavable. Assorted colors or natural.



Measurements: 141 x 151 x 57 mm

CAT.NO.	DESCRIPTION	COLOR	U OF M	PRICE
61601-A	100-Well Microtube Storage Box	Assorted	5/pack	\$36.00
61601-N	100-Well Microtube Storage Box	Natural	5/pack	36.00

96-Well Reversible Rack

Easy-to-grip tabs for sample handling and storage. Flip polypropylene rack from 96 wells for 0.5ml tubes on one side to 96 wells for 1.5/2.0ml tubes on the other side. Wells are arranged in standard 8 x 12 array. Handy lid snaps into place via tabs on each end of rack. 0.5ml wells are separated by molded-in grid lines, making them easier to see, and raised rings are around the 1.5 to 2.0ml wells make tubes easier to remove. Autoclavable. Assorted colors or natural.



Measurements: 246 x 121” x 50 mm

CAT.NO.	DESCRIPTION	COLOR	U OF M	PRICE
61602-A	96-Well Reversible Rack	Assorted	5/pack	\$64.00
61602-N	96-Well Reversible Rack	Natural	5/pack	64.00

81-Well Microtube Storage Boxes

Compact footprint for microtube and cryogenic storage. Store microtubes or vials under easy-open, friction-fit lid. Locate tubes easily with molded grid lines and a molded reference point on the lid. Polypropylene box fits in standard freezer racks. Autoclavable. Assorted colors or natural.



Measurements: 130 x 130 x 57 mm

CAT.NO.	DESCRIPTION	COLOR	U OF M	PRICE
61600-A	81-Well Microtube Storage Box	Assorted	5/pack	\$36.00
61600-N	81-Well Microtube Storage Box	Natural	5/pack	36.00

Electropolished Stainless Steel Freezer Racks
High Quality, Ultra-Durable Freezer Racks for Long Term Sample Storage

NO SHARP EDGES - All edges have been ground down to remove the sharp surfaces that plague standard freezer racks

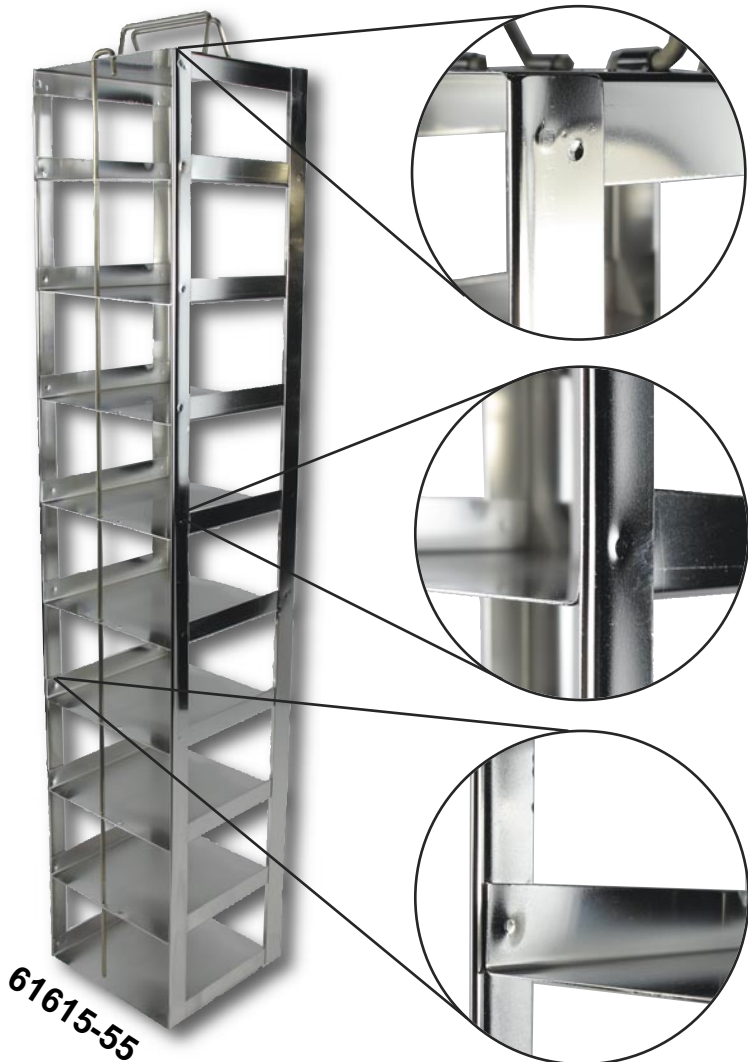
ELECTROPOLISHED - This step cleans up all weld points that, over time, may be the starting points for corrosion.

SUPERIOR CONSTRUCTION - Superior construction and design have created a more sturdy rack than what is currently available on the market

DURABLE - Racks are designed and finished to last longer in the demanding freezer environment where samples are housed

SURGICAL FINISH - Electropolishing leaves racks ultra-shiny and free from any surface contaminants

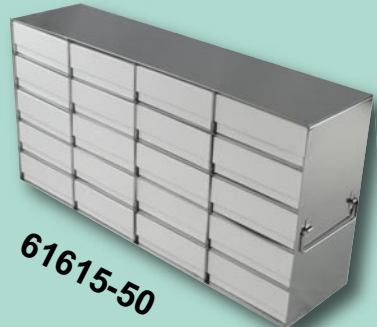
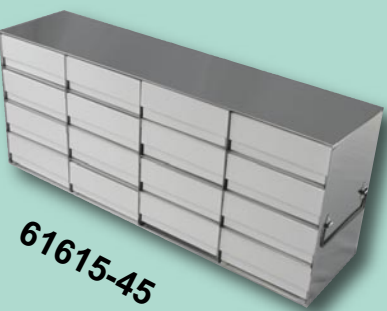
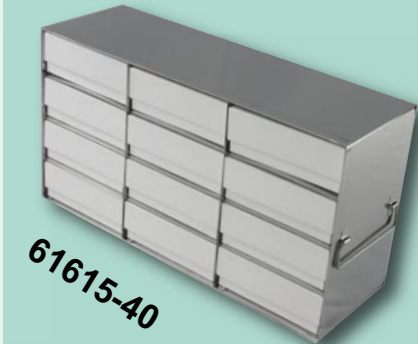
MULTIPLE SIZES - Several vertical and horizontal options are available to fit a variety of freezer configurations



A superior design was chosen to increase structural integrity.

All weld points have been ground down to eliminate sharp points and areas where corrosion can occur.

Structural edges and shelves have been ground and racks have been electropolished to remove sharp edges.



61615-55
Racks For 3" Boxes

61615-60
Racks For 2" Boxes

CAT. NO.	DESCRIPTION	DIMENSIONS	U OF M	PRICE
61615-25	4 x 4 Freezer Rack, holds (16) 3" boxes	22.125" L x 5.50" W x 12.625" H	1 Rack	\$165.00
61615-30	3 x 4 Freezer Rack, holds (12) 3" boxes	16.625" L x 5.50" W x 12.625" H	1 Rack	145.00
61615-35	3 x 3 Freezer Rack, holds (9) 3" boxes	16.625" L x 5.50" W x 9.625" H	1 Rack	145.00
61615-40	3 x 4 Freezer Rack, holds (12) 2" boxes	16.318" L x 5.50" W x 8.875" H	1 Rack	135.00
61615-45	4 x 4 Freezer Rack, holds (16) 2" boxes	21.625" L x 5.50" W x 8.875" H	1 Rack	160.00
61615-50	4 x 5 Freezer Rack, holds (20) 2" boxes	21.625" L x 5.50" W x 11.063" H	1 Rack	170.00
61615-55	1 x 9 Freezer Rack, holds (9) 3" boxes	5.63" L x 5.63" W x 28.875" H	1 Rack	130.00
61615-60	1 x 9 Freezer Rack, holds (9) 2" boxes	5.63" L x 5.63" W x 19.25" H	1 Rack	120.00

Cardboard Freezer Boxes and Dividers *For Use With Stainless Steel Freezer Racks*



Store cryogenic vials in liquid nitrogen or in mechanical freezers in our freezer storage boxes. Box footprint is 133 x 133 mm. Select a box and a partition that fit the size and number of vials for your needs. Cardboard boxes can be labelled with Cryo-Tags® for easy identification. Both the boxes and dividers are available in packs of 12.

CAT. NO.	DESCRIPTION	DIMENSIONS	U OF M	PRICE
61615-65	2" Freezer Boxes	133mm x 133mm, 50mm	12/Pack	\$33.50
61615-70	3" Freezer Boxes	133mm x 133mm, 75mm	12/Pack	33.50
61615-75	Freezer Box Divider, 64 Hole	8 Columns, 8 Rows	12/Pack	\$18.00
61615-80	Freezer Box Divider, 81 Hole	9 Columns, 9 Rows	12/Pack	18.00
61615-85	Freezer Box Divider, 49 Hole	7 Columns, 7 Rows	12/Pack	18.00
61615-90	Freezer Box Divider, 100 Hole	10 Columns, 10 Rows	12/Pack	18.00

NEW

Removable Tough-Tags®

*Durable Labels Cleanly Removes
From Reusable Surfaces*

- NO RESIDUE** - Easily remove from surfaces without leaving any adhesive
- TRACK SAMPLES** - Use labels to follow samples from purification to processing
- RESISTANT** - Resistant to most laboratory solvents and have shown short-term resistance to Acetone and Xylene
- USEFUL** - Great for beakers, bottles, flasks, glass vials, tubes, tube racks and pipettes
- MULTIPLE FORMATS** - Available on rolls for hand writing or for direct thermal printing using the Dymo® LabelWriter®



Labels easily remove from surfaces leaving no adhesive residue behind



Track samples from tube.....to storage rack.....to notebook!

(TEMP. RANGE) **-80°C TO 93°C**

CAT. NO.	DESCRIPTION	U OF M	PRICE
77517-01	1.50" x 0.50", For Handwriting	Each	\$30.00
77517-02	1.50" x 0.75", For Handwriting	Each	30.00
77517-03	1.05" x 0.50", Direct Thermal/Thermal	Each	35.00
77517-04	1.50" x 0.50", Direct Thermal/Thermal	Each	35.00
77517-05	1.50" x 0.75", Direct Thermal/Thermal	Each	40.00

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Save time and effort setting up those pesky print jobs!
Call for a quote today!

Thumbs-Up Microtubes

Easy to retrieve, easy to open!

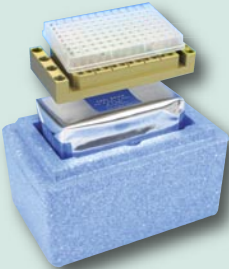
Check out these unique tubes!



See Page 11

THE COOLSAFE™

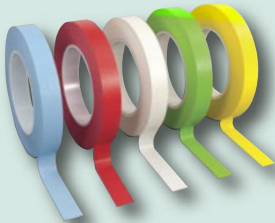
Keep your samples cool while you work!



See Page 16!

Laboratory Labeling Tape

Resistant, easily markable and repositionable.



See Page 12!

Electron Microscopy Sciences

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Check it out on page 1!

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