

# Electron Microscopy Sciences

## Labels, Tapes, & Dispensers



Histology/Cytology Labels Thermal Transfer Labels Cryogenic Labels  
Handheld Printers Tough-Tags® Tough-Spots® Solvent-Resistant Pens  
Hi/Lo Temperature Tape Double-Sided Tape Tape Dispensers



# The EMS Family of Tissue Slicers

## EMS7000smz and EMS5000mz Vibrating Microtomes

Our top-of-the-range high precision, vibrating microtomes, are the finest slicers in the world for all specimen preparation.



- **With Sub-micron Z-axis Deflection at all amplitudes and speeds**
- **With calibration unit**
- **Easy to use**
- **Service-free operation**
- **Considerable longevity**

## FEATURES

- Includes a Z-axis devification device
- Z-axis blade adjust minimizer
- Custom blade holder with angle set to user requirement
- Set START and STOP position for blade travel.
- Vibration speeds from 50 to 120 Hz
- Amplitudes from 0.5mm to 2.25mm
- Controlled blade advance at 10microns per sec.
- Ice water bath easily removed for cleaning
- Optional LED light source
- Optional magnifier for clear observation
- Optional stereoscope, choice of x5-x10 fixed or x10-40 zoom for optimal observation

### On the EMS7000smz additional features:

- Choice of manual or automatic operation
- Auto programming by storage of the first slicing speed and distance profile

## OPTIONS

Temperature Controlled Standard Tissue Bath

Integrally Mounted Cold Light Source

Integrally Mounted Magnifying Glass

Integrally Mounted Inspection Microscope (10x-40x)

Integrally Mounted Inspection Microscope (x5 and x10)

The EMS5000mz is a very competitively priced high precision unit with a z-axis deflection of only 1-2 microns and a blade advance controllable to 10 microns/sec. The EMS7000smz unit with a z-axis deflection of Sub-Micron and a blade advance controllable to 10 microns/second. On both units the section thickness step size is 0.001mm and each vibrating microtome is supplied with its own z-axis calibration verifier.

All types of sectioning is possible including sectioning for visual patching of neurological tissue, heart, and lung, and much more....



**Electron  
Microscopy  
Sciences**

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# Labels, Tapes, & Dispensers

Page No.

<b>Labels .....</b>	<b>2-10</b>
• Laboratory Labels .....	2-3
• Cryogenic Labels .....	4-6
• Tough-Tags® and Tough-Spots® .....	7-10
<b>Solvent-Resistant Pens .....</b>	<b>11</b>
<b>Tape .....</b>	<b>11-12</b>
• Hi/Lo Temperature Tape .....	11
• Scotch Tape.....	12
• Rocker Tape .....	12
<b>Tape Dispensers .....</b>	<b>13</b>
<b>Newly Introduced Products .....</b>	<b>Back Cover</b>
• Handheld Thermal Transfer Printer	
• Xylene Resistant Thermal Transfer Labels	



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**Electron Microscopy Sciences**

In PA: (215) 412-8400

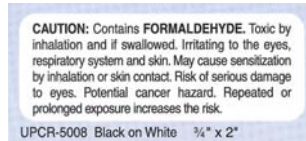
Toll-Free (800) 523-5874

Fax (215) 412-8450 or 8452

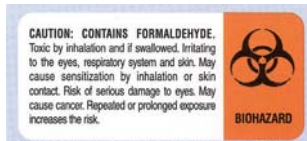
email: [sgkcck@aol.com](mailto:sgkcck@aol.com) or [stacie@ems-secure.com](mailto:stacie@ems-secure.com)

[www.emsdiasum.com](http://www.emsdiasum.com)

# Labels



77060-01



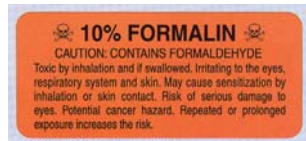
77060-12



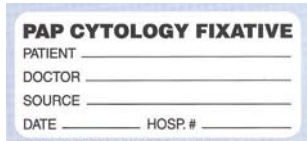
77060-13



77060-14



77060-16

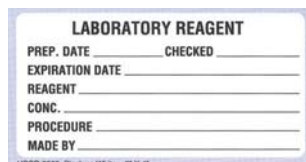


77060-17

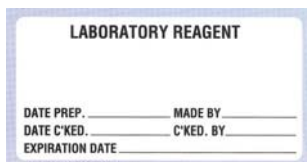
## 1. Histology/Cytology Labels

Ordering: All labels are 500 each per roll

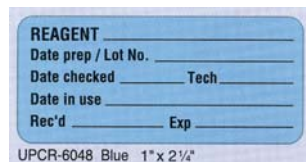
Cat.#	Description	Pack
77060-01	Model UPCR-5008, 3/4" x 2"	500/Roll
77060-12	Model UPCR-6042, 3/4" x 2"	500/Roll
77060-13	Model UPCR-6043, 1" x 2 1/4"	500/Roll
77060-14	Model UPCR-6044, 1" x 2 1/4"	500/Roll
77060-16	Model UPCR-6046, 1" x 2 1/4"	500/Roll
77060-17	Model UPCR-6047, 1" x 2 1/2"	500/Roll



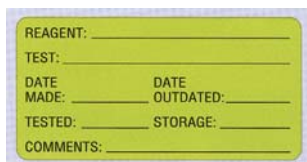
77061-01



77061-02



77061-03



77061-04

## 2. Laboratory Reagent Labels

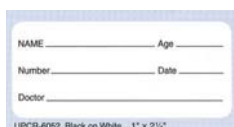
Ordering: All labels are 500 per roll

Cat.#	Description	Pack
77061-01	Model UPCR-9500, 2" x 4"	500/Roll
77061-02	Model UPCR-9501, 2" x 4"	500/Roll
77061-03	Model UPCR-6048, 1" x 2 1/4"	500/Roll
77061-04	Model UPCR-9102, 1 1/2" x 3"	500/Roll

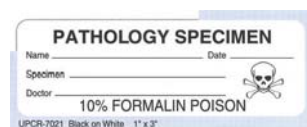
## 4. Pathology Specimen Labels

Ordering: all labels are 500 per roll

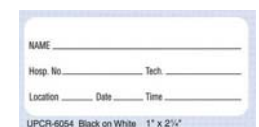
Cat.#	Description	Pack
77063-01	Model UPCR-6052, 1" x 2 1/4"	500/Roll
77063-02	Model UPCR-6054, 1" x 2 1/4"	500/Roll
77063-03	Model UPCR-7021, 1" x 3"	500/Roll



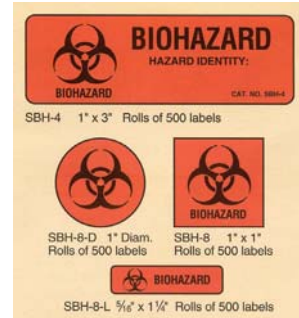
77063-01



77063-03



77063-02



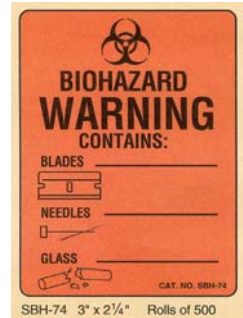
SBH-4 1" x 3" Rolls of 500 labels



SBH-8-D 1" Diam. Rolls of 500 labels

SBH-8 1" x 1" Rolls of 500 labels

SBH-8-L 5/8" x 1 1/4" Rolls of 500 labels



SBH-74 3" x 2 1/4" Rolls of 500



SBH-48C



SB-381H 1" x 2" White Label

SB-380H 1 3/4" x 2 1/2" White Label



SB-500H-T 3/4" White Tape

60 Yard rolls



SB-388H 1" x 2" White Label



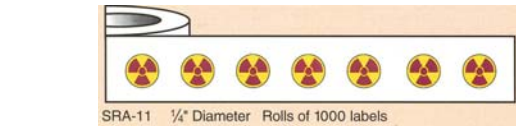
SB-389H 1" x 2" White Label



SL-7 1" Tape



SRA-1 1" Tape



SRA-11 1/4" Diameter Rolls of 1000 labels



## 3. Specialty Warning Labels

Ordering

Cat.#	Description	Pack
77064-01	Biohazard Model SBH-4, 1" x 3"	500/Roll
77064-02	Biohazard Model SBH-8D, 1" Dia.	500/Roll
77064-03	Biohazard Model SBH-8, 1" x 1"	500/Roll
77064-04	Biohazard Model SBH-8L, 5/8" x 1 1/4"	500/Roll
77064-10	Biohazard Model SBH-5, 3" x 2 1/2"	100/PK
77064-15	Warning, Model SBH-74, 3" x 2 1/4"	500/Roll
77064-20*	Contaminated, Model SBH-48C, 2 x 6"	12.5 yds/Roll
77064-30	Formalin, Model SB-381H, 1" x 2"	500/Roll
77064-31	Formalin, Model SB-380H, 1 3/4" x 2 1/2"	500/Roll
77064-34*	Formalin, Model SB-500HT, 1" x 2 1/2"	60 yds/roll
77064-40	Xylene, Model SB-388H, 1" x 2"	500/Roll
77064-42	Alcohol, Model SB-389H, 1" x 2"	500/Roll
77064-50	Danger, Model SL-7, 1" x 500" Roll	12.5 yds/Roll
77064-55*	Radioactive, Model SRA-1, 1" Wide	12.5 yds/Roll
77064-56*	Radioactive, Model SRA-11, 1/4" Dia.	1,000/Roll

\*Pressure-sensitive tape stick to all surfaces, yet easily remove, leaving no messy adhesive residue clean up.



## ▶ Three Step Pathology CNI Label

Identify and correlate pathology specimens with the Specialty CNI System (Consecutive Number Identification), a three-part labeling program that saves time and reduces errors. Three different labels are each imprinted with identical consecutive numbers, each designed to function in a different step of tissue examination.



**Step 1: Numbering the cassette** — The first label features the number printed in permanent, black ink on sturdy card for use inside cassettes. These 1/4" x 1 1/2" labels come in booklet form with a perforation between each label. The label has no adhesive. It fits beside the tissue, inside the cassette, and remains unaltered throughout the use of solvents.

**Step 2: Numbering the paraffin block and/or specimen storage container** — The second number label has pressure sensitive adhesive and measures 1/4" x 1" to fit the paraffin block. This label can also be used on the specimen storage container, correlating the whole specimen with its sections. Permanent adhesive secures the label in place and makes any removal attempt or alteration immediately evident.

**Step 3: Numbering the microscope slide** — A 1 5/16" square, permanent pressure sensitive adhesive label carries the number in step three. These labels hold firmly on the glass slide and ensure correct identification through examination and storage.

Package: 1000 labels each step, total 3,000 labels for three steps

Cat.#	Description	Pack
77040-03	3-Step CNI Pathology Labels	3,000/pk.

## ▶ Specialty Expiration Labels

Quickly identify outdated laboratory items such as reagents and controls. These labels provide space for noting the date that the items were received, opened and when it will expire. A permanent adhesive holds the label firmly in place on a variety of surfaces.

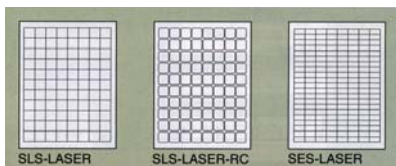


The label measures 3/4" x 1 1/2" and are supplied in rolls of 500 labels.

Cat.#	Description	Pack
77024-05	Expiration Labels	500/pk.

## ▶ Slide Label Sheet Form for Laser Printing

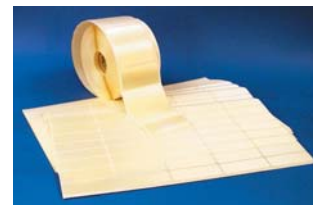
Available in standard thickness only with square corner or round corner on 8 1/2" x 11" sheet. Price is 5000 labels per carton.



Cat. #	Description	Label Size	Thickness
77021-10	Label Model SLS-LASER	1 5/16" x 1 5/16"	Standard
77021-11	Label Model SLS-LASER RC	1 5/16" x 1 5/16"	Standard
77021-12	Label Model SES-LASER	1 5/32" x 1 5/16"	Standard

## ▶ Specialty Satin Cloth Labels

Designed to adapt to a wide range of laboratory procedures. These labels withstand dry ice, liquid gasses, deep freezes, acids, oils, greases, salt water, fresh water and soap. Their textured surface may be marked with pen, pencil, or felt marker. Pressure-sensitive adhesive sticks to almost any surface or shape. Specialty Satin Cloth Labels are supplied pre-cut on protective backing paper. Each label is perforated making it easy to remove the label from the roll.



These labels are available in a variety of sizes. Labels 5/8" in width come in sheet form only; all other sizes come on rolls of 1000 labels.

Cat.#	Label Size	Quantity
77030-01	5/8" x 1", Sheet	1,000/pk
77030-02	5/8" x 2", Sheet	1,000/pk
77030-03	1" x 2", Roll	1,000/pk
77030-04	1" x 2 1/4", Roll	1,000/pk
77030-05	1" x 2 1/2", Roll	1,000/pk
77030-06	1 1/4" x 2", Roll	1,000/pk
77030-08	1 1/4" x 2 1/2", Roll	1,000/pk
77030-09	1 1/2" x 2", Roll	1,000/pk
77030-10	1 1/2" x 2 1/4", Roll	1,000/pk
77030-11	1 1/2" x 2 1/2", Roll	1,000/pk
77030-12	1 3/4" x 2 3/4", Roll	1,000/pk

## ▶ Microscope Slide Labels

These specialty Microscope Slide Labels and matching End Labels are available in standard (thin) or pathology (tissue high) thickness, and square or round corner (RC). Permanent adhesive holds labels in place during use and long-term storage.



Sheet Form Size is 5 1/4" x 8". Prices are per thousand labels

Cat. #	Description	Label Size	Thickness
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### Slide Label

77022-05	Label Model SLS-15	1 5/16" x 1 5/16"	Standard
77022-06	Label Model SLS-15-RC	1 5/16" x 1 5/16"	Standard
77022-10	Label Model SLSP-15	1 5/16" x 1 5/16"	Pathology
77022-11	Label Model SLSP-15-RC	1 5/16" x 1 5/16"	Pathology

### End Label

77021-50	Label Model SES-16	1 5/32" x 1 5/16"	Standard
77021-51	Label Model SES-16-RC	1 5/32" x 1 5/16"	Standard
77021-55	Label Model SESP-16	1 5/32" x 1 5/16"	Pathology
77021-56	Label Model SESP-16-RC	1 5/32" x 1 5/16"	Pathology

Rolls — Prices are per thousand labels

Cat. #	Description	Label Size	Thickness
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### Slide Label

77020-05	Label Model SLR-15	1 5/16" x 1 5/16"	Standard
77020-06	Label Model SLR-15-RC	1 5/16" x 1 5/16"	Standard
77020-10	Label Model SLRP-15	1 5/16" x 1 5/16"	Pathology
77020-11	Label Model, SLRP-15-RC	1 5/16" x 1 5/16"	Pathology

### End Label

77020-50	Label Model SER-16	1 5/32" x 1 5/16"	Standard
77020-51	Label Model SER-16RC	1 5/32" x 1 5/16"	Standard
77020-55	Label Model SERP-16	1 5/32" x 1 5/16"	Pathology
77020-56	Label Model SERP-16RC	1 5/32" x 1 5/16"	Pathology

# Labels

## ► Lazer Cryo-Babies® & Cryo-Tags®

Labels for Cryogenic Storage†

**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.

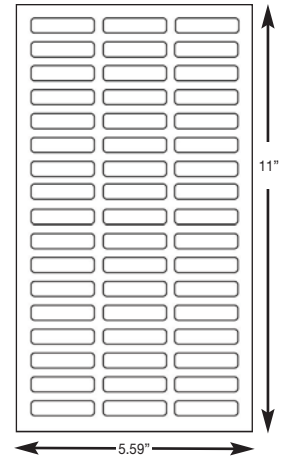
**Innovative** – Made with a flexible, polyolefin† label material and acrylic adhesive. This unique combination expands and contracts together with temperature fluctuations resulting in a strong adhesive bond.

## MINI SHEETS

51 Labels Per Sheet  
(3 Across - 17 Down)

Now available in our most popular label size, 1.28" x 0.50", combine the reliability of Cryo-Tags and the convenience of printing less at a time. This is a perfect solution for small experiments and clinical trials.

Packs are available in Individual Colors or in \*Rainbow Packs (4 sheets of each color)



- 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) with 3/8" diameter spot (77574-W)
- 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)

Cat. #	Color	Tag Size (Inched/ Millimeters)	Sheet Layout	Labels/Sheet	Ideal Use	Qty.
77560-x	Specify	1.28" x 0.50" / 33mm x 13mm	5 Across - 17 Down	85	1.5ml tubes	1,700/pk.
1. 77560-05	Rainbow*	1.28" x 0.50" / 33mm x 13mm	5 Across - 17 Down	85	1.5ml tubes	1,700/pk.
77559-W NEW	White	1.28" x 0.50" / 33mm x 13mm	3 Across - 17 Down	51	1.5ml tubes	1,020/pk.
2. 77561-x	Specify	0.94" x 0.50" / 24mm x 13mm	7 Across - 17 Down	119	0.5ml tubes	2,380/pk.
77561-05	Rainbow*	0.94" x 0.50" / 24mm x 13mm	7 Across - 17 Down	119	0.5ml tubes	2,380/pk.
3. 77564-x	Specify	1.50" x 0.75" / 38mm x 19mm	5 Across - 12 Down	60	General Purpose	1,200/pk.
77564-05	Rainbow*	1.50" x 0.75" / 38mm x 19mm	5 Across - 12 Down	60	General Purpose	1,200/pk.
4. 77565-x	Specify	1.69" x 0.75" / 43mm x 19mm	4 Across - 13 Down	52	CryoVials	1,040/pk.
77565-05	Rainbow*	1.69" x 0.75" / 43mm x 19mm	4 Across - 13 Down	52	CryoVials	1,040/pk.
5. 77567-x	Specify	1.50" x 0.25" / 38mm x 6mm	4 Across - 39 Down	156	Microplates	3,120/pk.
77567-05	Rainbow*	1.50" x 0.25" / 38mm x 6mm	4 Across - 39 Down	156	Microplates	3,120/pk.
6. 77566-x	Specify	2.625" x 1.00" / 67mm x 25mm	3 Across - 10 Down	30	Racks & Boxes	600/pk.
77566-05	Rainbow*	2.625" x 1.00" / 67mm x 25mm	3 Across - 10 Down	30	Racks & Boxes	600/pk.
7. 77568-W	White	3.00" x 2.00" / 76mm x 51mm	3 Across - 4 Down	12	Racks & Boxes	240/pk.
8. 77574-W	White	1.28" x 0.50" - 3/8" diameter spot	4 Sets Across - 17 Sets Down	68 sets	1.5ml tubes	1,360 sets/pk.
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.
10. 77571-W	White	1.00" x 1.00" / 25mm x 25mm	8 Across - 10 Down	80	Microscope slides	1,600/pk.
11. 77569-W	White	1.125" x 1.75" / 28mm x 44mm	7 Across - 6 Down	42	Racks & Boxes	840/pk.
12. 77570-W	White	8.50" x 11.00" / 216mm x 279mm	Blank Sheet	Blank	Cut to size	20/pk.

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

To Specify color, substitute (x) with a letter: B=Blue, G=Green, O=Orange, R=Red, W=White, Y=Yellow [Ordering Example: 77560-R for Red or 77560-W for White]

† Patented

### ► Thermal Transfer Tough-Tags & Cryo-Tags

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

Thermal Transfer Tough-Tags and Cryo-Tags are a reliable and convenient way to identify samples with text or a barcode on microtubes, microplates, bottles and other laboratory containers.

- Unique solvent-resistant, acrylic-based adhesive provides excellent cold temperature performance
- Print crisp, clear, professional quality labels
- Resists degradation from scuffing, chemicals, moisture and wide temperature fluctuations
- Specially coated for use with a resin ribbon that provides the best performance under extreme conditions
- Print as little as one label at a time, eliminating label waste and saving time and money



**SIZING GUIDE:** Thermal Transfer Labels for Storage in Temperatures from -40°C to 150°C. Boilable and Autoclavable.

0.94" x 0.50" For 0.5ml tubes <b>77591-1</b>	1.28" x 0.50" for 1.5–2.0ml tubes <b>77591-2</b>	1.375" x 0.625" for 1.5–2.0ml tubes <b>77591-3</b>	1.50" x 0.75" General Purpose Label <b>77591-4</b>	2.00" x 0.25" for Microplates <b>77591-5</b>
1.	2.	3.	4.	5.

Cat. #	Tag Size (Inches)	Tag Size (Millimeters)	Ideal Use	Qty.
1. 77591-1	0.94" x 0.50"	24mm x 13mm	0.5ml tubes	2000/Roll
2. 77591-2	1.28" x 0.50"	32mm x 13mm	1.5ml-2.0ml tubes	2000/Roll
3. 77591-3	1.375" x 0.625"	35mm x 16mm	1.5ml-2.0ml tubes	2000/Roll
4. 77591-4	1.50" x 0.75"	38mm x 19mm	General Purpose	2000/Roll
5. 77591-5	2.00" x 0.25"	51mm x 6mm	Microplates	2000/Roll

**SIZING GUIDE:** Thermal Transfer Labels for Storage in Temperatures from -196°C to 80°C

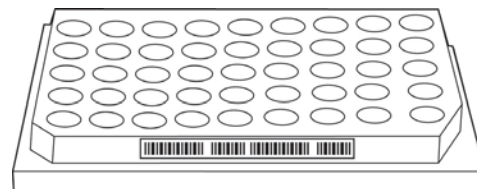
0.81" x 0.28" for 0.2ml tubes <b>77592-1</b>	1.05" x 0.50" for 0.5ml tubes <b>77592-2</b>	1.50" x 0.50" for 1.5–2.0ml tubes <b>77592-3</b>	1.50" x 0.75" General Purpose Label <b>77592-4</b>	2.00" x 0.25" for Microplates <b>77591-5 and 77592-5</b>
1.	2.	3.	4.	5.

Cat. #	Tag Size (Inches)	Tag Size (Millimeters)	Ideal Use	Qty.
1. 77592-1	0.81" x 0.28"	20.6mm x 7mm	0.2ml PCR tubes	2000/Roll
2. 77592-2	1.05" x 0.50"	27mm x 13mm	0.5ml tubes	2000/Roll
3. 77592-3	1.50" x 0.50"	38mm x 13mm	1.5ml–2.0ml tubes	2000/Roll
4. 77592-4	1.50" x 0.75"	38mm x 19mm	General Purpose	2000/Roll
5. 77592-5	2.00" x 0.25"	51mm x 6mm	Microplates	2000/Roll

Note: All labels are White and are on 1" I.D. cores with 2,000 per roll. 100% Virgin Polypropylene tubes are recommended for optimal performance. Avoid the use of siliconized surfaces.

### Thermal Transfer Accessories

Cat. #	Description	Qty.
77592-50	Zebra Printer – Model TLP 2844	Each
77592-55	Resin Ribbon – 2.50" x 244" (63mm x 74 meters)	Each
77592-60	Labels Unlimited 2.0 (label software)	Each



### ► Micro Tube Label; Tough-Tags™

Pre-cut, peel-off, pressure sensitive labels. They are sized to fit microcentrifuge tubes, cryo tubes and many other containers.

- They can be boiled, froze, and autoclaved.
- They are thin and will not jam in the centrifuge rotor.
- They are chemically resistant.
- They will not dry out, fall-off, or tear.

Available in two sizes: 1.28"x.5" (33x12mm) and .94x.5" (24x12mm). They are ideal for use with 1.5-2.0 ml and 0.5-0.56ml microtubes respectively. The labels are either clear (for sample visibility) or white.

62044-10	Tough-Tags Clear Label, 24x12mm	1,000/bx
62044-20	Tough-Tags White Label, 24x12mm	1,000/bx
62045-10	Tough-Tags Clear Label, 33x12mm	1,000/bx
62045-20	Tough-Tags White Label, 33x12mm	1,000/bx





# Labels

## ► Cryo-Clear™ Laser Labels

Clear Cryogenic Storage Labels for Use with Laser Printers

"The Choice is CLEAR" – Contents of vials beneath labels remain visible.

**Temperature-resistant** – From -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.



### 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. #	Color	Tag Size (Inches / Millimeters)	Sheet layout	Labels/Sheet	Ideal Use	Qty.
1. 77575-C	Clear	1.28" x 0.50" / 33mm x 13mm	5 Across - 17 Down	85	1.5ml tubes	1,700/pk.
2. 77576-C	Clear	0.94" x 0.50" / 24mm x 13mm	7 Across - 17 Down	119	0.5ml tubes	2,380/pk.

\* NOTE: Siliconized surfaces should be avoided. Apply to clean, dry tubes at room temperature. Tubes made of 100% virgin polypropylene are recommended.

† Patented

## ► Cryo-Babies® & Cryo-Tags® 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.



Cat. #	Color	Tag Size (Inches / Millimeters)	Ideal Use	Qty.
1. 77551-W	White	0.94" x 0.50" / 24mm x 13mm	0.5ml tubes	1,000/roll
2. 77550-W	White	1.28" x 0.50" / 33mm x 13mm	1.5ml Tubes	1,000/roll
3. 77554-W	White	1.50" x 0.75" / 38mm x 19mm	General Purpose	1,000/roll

1. 1.50" x 0.75"  
General Purpose
2. 1.28" x 0.50"  
for 1.5–2.0ml tubes
3. 0.94" x 0.50"  
for 0.5ml tubes

## ► Cryogenic Labels

These labels are made from top quality materials, a wide range of sizes, designed specially for cryogenic use.

### 1. DuraStick Labels (KDS-series)

For Temperature of -40°C and Below

These labels feature a smudge resistant surface. They are available in rolls for thermal transfer printing or in 8½" x 11" sheets for laser printing. All accept handwritten notations with cryo markers.

### 2. CryoStick Labels (FCS-series)

For Temperatures of -80°C

Ideal for use with cryotubes, these labels are best used with thermal transfer printers or cryo marker pens. Available in a wide range of sizes on sheets or rolls, they are not recommended for laser printing.

### 3. LiquiStick Labels (LSC-series)

For temperatures of -195°C

Labels feature a synthetic surface that accepts crisp bar codes from thermal transfer printers or handwritten notations cryo markers. Supplied in sheets or rolls, these labels are not recommended for use with laser printers.

### 4. Satin Cloth Labels (SC-series)

For temperature of -60°C

These textured labels withstand dry ice, deep freezers and liquid gases. Supplied in sheets or rolls. They are easily marked with cryo markers, not for use with automated printers.

### 5. Wrap-Around Labels (WA-1)

For Freezers and Cryogenic Use

These unique labels are for sub-zero use, measures 1⅝" x 2⅝". They feature a ⅞" x ⅞" area, frosted for thermal printing or marking with cryo markers. The remainder of the label is clear. It wraps around the cryo-tube to provide a protective cover for printed information while leaving a clear space for viewing the tube contents.



## Ordering Information

Cryogenic Labels - Sold per 1000 labels

Label Size	DuraStick-series	CryoStick-series	LiquiStick-series	Satin-Cloth	Wrap-Around
⅜" Dia	77025-01	77026-01	77027-01	—	—
½" x ⅝"	77025-10	77026-10	77027-10	—	—
½" x 1¼"	77025-11	77026-11	77027-11	—	—
½" x 1¼"	77025-LA*	—	—	—	—
½" x 1½"	—	77026-12	77027-12	—	—
⅝" x 1"	—	—	—	77030-01	—
⅝" x 2"	—	—	—	77030-02	—
¾" x 9/10"	—	77026-15	77027-15	—	—
¾" x 1¼"	—	77026-16	77027-16	—	—
¾" x 1½"	—	77026-17	77027-17	—	—
1⅝" x 2⅝"	—	—	—	—	77028-18 (frosted)
1" x 2"	—	—	—	77030-03	—
1" x 2¼"	—	—	—	77030-04	—

\*Sheet for Laser Printer - 5000 per pack



## ► CLEAR-over-WHITE Laser Tough-Tag®

**2.75" x 0.625"**  
**(70mm x 16mm)**



Labels per Sheet: 26 – Ideal Use: protect print on label

Description: 1.45" (37mm) is clear and 1.30" (33mm) is white of the total 2.75" length to allow effective wrap around

Cat #	Color	Sheet Layout Across	Sheet Layout Down	Quantity Labels/sheet
77533-CW	Clear/White	2	13	520

## ► Bake Tough-Tag®

**1.50" x 0.75" (38 x 19mm) Ideal Use: Oven Sterilization**

Bake Tags are oven-safe marking labels that withstand conventional oven-sterilization (typically 180°C) or heating to inactivate RNase, DNase and other enzymes. Bake Tags will withstand autoclaving, cryogenic freezer storage conditions and boiling baths, without peeling or falling off.

Cat #	Color	Labels/roll	Qty/pk
77540-W	White	250	1

## ► Lazer Tough-Spots®

*Pre-Cut Peel-Off Labels for Microcentrifuge Tube Tops*

**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 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<sup>1</sup> label material and acrylic adhesive. This unique combination expands and contracts together with temperature fluctuations, resulting in a strong adhesive bond.



Cat. #	Color	Spot Diameter	Sheet Layout	Labels/Sheet	Qty.
77585-x	Specify	3/8" - 9.5mm	12 Across - 16 Down	192	3,840/pk.
77585-05	Rainbow*	3/8" - 9.5mm	12 Across - 16 Down	192	3,840/pk.
77587-x	Specify	1/2" - 13mm	12 Across - 16 Down	192	3,840/pk.
77587-05	Rainbow*	1/2" - 13mm	12 Across - 16 Down	192	3,840/pk.
77585-44	White	7/16" - 11mm	13 Across - 18 Down	234	4,680/pk.
77588-75	White	3/4" - 19mm	9 Across - 12 Down	108	2,160/pk.
77588-100	White	1" - 25mm	7 Across - 9 Down	63	1,260/pk.

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]

\*100% Virgin Polypropylene tubes are recommended for optimal performance. Avoid the use of siliconized surfaces.

## ► Chameleon Tough-Tags

**Autoclave Indicating** –

Labels change color\* from Green to Purple when exposed to autoclave temperatures.

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

**Temperature-Resistant** – From 40°C to 121°C, Chameleon Tough-Tags resist boiling water baths, autoclaving and moderate freezer temperatures.

**Ideally Sized** – Fits a variety of microcentrifuge tubes, microscope slides and other laboratory containers. Tubes labeled with Chameleon Tough-Tags will easily slide in and out of centrifuge rotors.

**Compatible** – Labels accept writing from any lab marker.

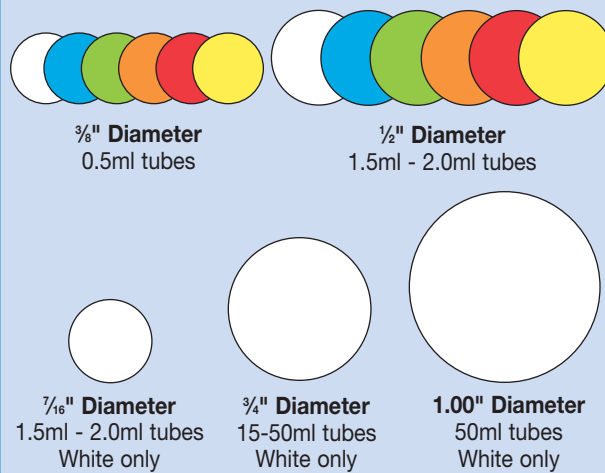
Cat. #	Color	Label Size	Qty.
77541-GP	Green>Purple	0.94" x 0.50" / 24mm x 13mm	1,000/roll
77542-GP	Green>Purple	1.28" x 0.50" / 33mm x 13mm	1,000/roll

\*Labels will have a slight "textured" look to them due to the nature of the ink.



Before Autoclaving      After Autoclaving

### Lazer Tough-Spots - Sizing Guide



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

# Labels

## Wet Grip

Labels for Moist, Frosty or Frozen Tubes

- "GRIPS" to wet, frost-covered and frozen surfaces
- Temperature resistant to -40°C
- Compatible with centrifuge rotors
- Resistant to chemicals and solvents
- Adheres to plastics, glass, metals and even paperboard boxes
- Print on sheets with Laser printers or use rolls for Direct Thermal printers

### Laser Sheets (Temp. Range: -40°C to 100°C)

Cat. #	Color	Tag Size (Inches / Millimeters)	Sheet layout	Labels/Sheet	Ideal Use	Qty.
77595-10	White	1.28" x 0.50" / 33mm x 13mm	5 Across - 17 Down	85	1.5ml tubes	1,700/pk.
77595-20	White	0.94" x 0.50" / 24mm x 13mm	7 Across - 17 Down	119	0.5ml tubes	2,380/pk.
77595-30	White	1.50" x 0.75" / 38mm x 19mm	5 Across - 12 Down	60	1.5ml - 2.0ml tubes	1,500/pk.
77595-40	White	0.875" x 0.875" / 22mm x 22mm	8 Across - 12 Down	96	Microscope Slides	2,400/pk.

## Direct Thermal (Temp. Range: -40°C to 70°C)

Cat. #	Label SIZE (Inches/Millimeters)	Ideal Use	Qty.
77594-10	1.05" x 0.50" / 27mm x 13mm	0.5ml tubes	Each
77594-20	1.50" x 0.50" / 38mm x 13mm	1.5ml tubes	Each
77594-30	1.50" x 0.75" / 38mm x 19mm	2.0ml tubes	Each
77594-40	¾" diameter / 9.5mm diameter	0.5ml tubes	Each
77594-50	2.00" x 0.25" / 51mm x 6mm	Microplates	Each
77594-60	1.50" x 0.50" - ¾" diameter spot	1.5ml tubes	Each
Cat. #	Description	Qty.	
77593-50	Dymo® LabelWriter® 400	Each	



ALL LABELS ARE CLEAR, ON 1" I.D. CORES WITH 1,000 LABELS/ROLL. Dymo and LabelWriter are registered trademarks of the Dymo Corp., an Esselte Office Products Co.

## Tough Spots® On a Roll

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

**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 job.



### Tough-Tag Station

Conveniently holds up to 6 rolls of Tough-Tags, Tough-Spots or Cryo-Tags. Utilize the ledge to easily write on labels for sample identification.

\*77582-100 does not fit the Tough-Tag Station

Cat. #	Description	Qty.
77590-10	Tough-Tag Station	Each

### Tough-Tag Dispenser

The Tough-Tag Dispenser – For use with Tough-Tags, Cryo-Babies and Tough-Tag Spots up to 1 3/8" wide. Hold up to 4 rolls. Outer Dimension: 7" W x 5" D x 4" H



Cat. #	Description	Qty.
77590	Tough-Tag Dispenser	each

## 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



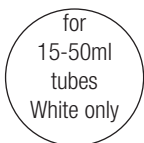
### 4. 7/16" diameter

for 1.5 - 2.0ml tubes  
White only



### 5. 3/4" diameter

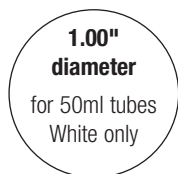
for 15-50ml tubes  
White only



### 6.

1.00" diameter

for 50ml tubes  
White only





## Direct Thermal Tough-Tags®

For Use in Direct Thermal Printers

- Withstands temperatures from -40°C to 70°C
- Freezeable in liquid nitrogen when label ends overlap (not applicable to round labels)
- Resistant to scuffing, smearing and chemicals
- Print barcodes for easy sample tracking
- Limit label waste by printing the quantity required
- Quick and easy setup for PC's or MAC's
- Small printer takes up little space

Cat. #	Label Size (Inches/Millimeters)	Ideal Use	Qty.
1. 77593-1	1.05" x 0.50" / 27mm x 13mm	0.5ml tubes	2000/Roll
2. 77593-2	1.50" x 0.50" / 38mm x 13mm	1.5ml tubes	2000/Roll
3. 77593-3	1.50" x 0.75" / 38mm x 19mm	2.0ml tubes	2000/Roll
4. 77593-4	3/8" diameter / 9.5mm diameter	0.5ml tubes	2000/Roll
5. 77593-6	1.50" x 0.50" - 3/8" diameter spot	1.5ml tubes	2000/Roll
6. 77593-5	2.00" x 0.25" / 51mm x 6mm	Microplates	2000/Roll

Cat. #	Description	Qty.
77593-50	Dymo® LabelWriter® 400	Each

Dymo and LabelWriter are registered trademarks of the Dymo Corp., an Esselte Office Products co.

Note: All labels are White and are on 1" I.D. cores with 2,000 per roll. 100% Virgin Polypropylene tubes are recommended for optimal performance. Avoid the use of siliconized surfaces.

## Wash-Off Labels™

Rinses Away Leaving No Adhesive Residue

**Easy Removal** – Labels Wash-Off in 1 rinse cycle at any water temperature

**Autoclavable** – Labels resist exposure to steam\* at 121° C

**Environmentally Safe** – 100% biodegradable and FDA-compliant

**Temperature-Resistant** – Long term storage best between 32° F to 70° F (0° C to 21° C)

**Laser Printable** – Accepts laser printing and other markings

Labels dissolve under running water in less than 30 seconds.



Cat. #	Color	Size (Inches / Millimeters)	Qty.
71826-10	White	2.625" x 1.00" / 67mm x 25mm	750/pk.
71826-20	White	4.00" x 1.00" / 102mm x 25mm	500/pk.

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

## Color-Coded Dual Tough-Tags™

- 500 tag and spot sets per roll
- Matte surface is suitable for accepting pencil, pen or marker writing
- Labels fit 0.5ml – 1.5ml tubes
- Will not come off in rotors, cyclers or racks
- Resistant to extreme temperatures



Cat. #	Color	Qty.
77539-B	Blue	500/roll
77539-G	Green	500/roll
77539-R	Red	500/roll
77539-W	White	500/roll
77539-Y	Yellow	500/roll



1. 1.05" x 0.50" for 0.5ml tubes 77593-1
2. 1.50" x 0.50" for 1.5-2.0ml tubes 77593-2
3. 1.50" x 0.75" General Purpose Label 77593-3
4. 3/8" diameter for 0.5ml tubes 77593-4
5. 1.50" x 0.50" for 1.5-2.0ml tubes 77593-6
6. 2.00" x 0.25" For Microplates 77593-5

**INNOVATIVE LABEL SOLUTIONS**  
**Combo Tough-Tag / Tough-Spot label set allows for quick and easy labeling of tube tops as well as the side of the tube.**

## Tough-Tags® on a Roll

**Compatible** – Tough-Tags are pre-cut, peel-off labels that accept any marking instrument. They are perfectly sized to fit microcentrifuge tubes and other containers in the laboratory.

**Convenient** – Dispensing box assists in labeling individual tubes used in small experiments.



### Tough-Tags on a Roll - Sizing Guide

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)

Cat. #	Color	Tag Size (Inches / Millimeters)	Qty.
1. 62044-20	White	0.94" x 0.50" / 24mm x 13mm	1,000/roll
62044-x	Specify	0.94" x 0.50" / 24mm x 13mm	1,000/roll
2. 62045-20	White	1.28" x 0.50" / 33mm x 13mm	1,000/roll
62045-x	Specify	1.28" x 0.50" / 33mm x 13mm	1,000/roll
3. 77537-W	White	1.50" x 0.75" / 38mm x 19mm	1,000/roll
4. 77538-W	White	1.50" x 0.25" / 38mm x 6mm	1,000/roll
5. 77536-W	White	0.81" x 0.28" / 21mm x 7mm	1,500/roll

To Specify color, substitute (x) with a letter: B=Blue, 10=Clear, G=Green, O=Orange, R=Red, Y=Yellow [Ordering Example: 62045-R for Red]

# Labels

## ► Laser Tough-Tags®

Labels for Microcentrifuge Tubes and Other Containers

**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.



Laser sheets are available in individual colors and also in Rainbow Packs

## Laser Tough-Tags - Sizing Guide

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)



### Available in CLEAR only

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

### Available in White only

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. 1.625" x 0.625"  
General Purpose Label

12. 2.625" x 0.1875"

Cat. #	Color	Tag Size (Inches / Millimeters)	Sheet layout	Labels/Sheet	Ideal Use	Qty.
1. 77520-x	Specify	1.28" x 0.50" / 33mm x 13mm	5 Across - 17 Down	85	1.5ml tubes	2,125/pk
77520-06	Rainbow*	1.28" x 0.50" / 33mm x 13mm	5 Across - 17 Down	85	1.5ml tubes	2,125/pk
2. 77521-x	Specify	0.94" x 0.50" / 24mm x 13mm	7 Across - 17 Down	119	0.5ml tubes	2,975/pk
77521-06	Rainbow*	0.94" x 0.50" / 24mm x 13mm	7 Across - 17 Down	119	0.5ml tubes	2,975/pk
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
77522-06	Rainbow*	1.50" x 0.75" / 38mm x 19mm	5 Across - 12 Down	60	1.5ml - 2.0ml tubes	1,500/pk
4. 77523-x	Specify	0.875" x 0.875" / 22mm x 22mm	8 Across - 12 Down	96	Microscope Slides	2,400/pk
77523-06	Rainbow*	0.875" x 0.875" / 22mm x 22mm	8 Across - 12 Down	96	Microscope Slides	2,400/pk
5. 77532-C	Clear	1.50" x 0.75" / 38mm x 19mm	5 Across - 12 Down	60	General Purpose	1,200/pk
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
7. 77531-C	Clear	1.05" x 0.50" / 27mm x 13mm	6 Across - 16 Down	96	0.5ml tubes	1,920/pk
8. 77526-W	White	1.00" x 1.00" / 25mm x 25mm	8 Across - 10 Down	80	Microscope Slides	2,000/pk
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
10. 77524-W	White	0.91" x 0.32" / 23mm x 8mm	7 Across - 22 Down	154	0.2ml PCR tubes	3,850/pk
11. 77528-W	White	1.625" x 0.625" / 41mm x 16mm	4 Across - 16 Down	64	General Purpose	1,600/pk
12. 77529-W	White	2.625" x 0.1875" / 67mm x 5mm	3 Across - 33 Down	99	Microplates	2,475/pk
13. 77527-W	White	8.50" x 11.00" / 216mm x 279mm	Blank Sheet	Blank	Cut to Size	25 Blank Sheets

To Specify color, substitute (x) with a letter: B=Blue, G=Green, O=Orange, R=Red, W=White, Y=Yellow [Ordering Example: 77520-R for Red, 77520-W for White]

\* 100% Virgin Polypropylene tubes are recommended for optimal performance. Avoid the use of siliconized surfaces.



## ► Solvent-Resistant Pens

Solvent Resistant Pens feature an ultra-permanent ink.

- Resistant to xylene, alcohol, acetone and formalin
- Ideal for histology and cytology
- Markings will not run on embedding cassettes or frosted/painted slides and labware, even after repeated washes and solution treatments
- Remove markings with acetic acid, an ethanol/xylene mixture or paraffin. Testing advised before use.

Teeny Writers are perfect general use lab markers.

- The original Teeny Writer has an extra fine tip
- Both are ideal for writing on Tough-Tags and Tough-Spots
- Use for labeling samples stored at room temperature and not exposed to chemicals and/or caustic agents



Cat. #	Description	Qty.
62053-B	Solvent Resistant Pen, black	each
62052-B	Teeny Writer, black	each

## ► Twin-Tip Teeny Writer

This marker has double ends. Marker is resistant to most solvents.

- The Twin-Tip Teeny Writer has a fine tip and an ultra fine tip

Cat. #	Description	Qty.
62054-B	Twin Tip Teeny Writer, Black	each



## ► Hi Temperature Indicator Tape

Specialty cloth-textured Hi Temperature Indicator tape shows the word "STERILIZED" in bold, black letters after standard sterilization processing. The tape sticks to almost any surface or shape, holds fast in 550°F dry oven temperatures. Available in widths of 1/2", 3/4" and 1" on 250" rolls.

Cat.#	Description	Pack
77015-05	Indicator Tape, 1/2" wide	each
77015-07	Indicator Tape, 3/4" wide	each
77015-10	Indicator Tape, 1" wide	each

## ► Steam Autoclaves Imprinted Tape

Indicate the status of all laboratory items to be sterilized with these tape labels. The word "STERILIZED" appears after processing at 250°F under normal sterilization conditions. Tape is available in widths of 3/4" and 1" on 60 yard roll, 3" core.

Cat.#	Description	Pack
77016-07	Imprinted Tape (A) 3/4"	each
77017-07	Imprinted Tape (B) 3/4"	each
77018-07	Imprinted Tape (C) 3/4"	each
77016-10	Imprinted Tape (A) 1"	each
77017-10	Imprinted Tape (B) 1"	each
77018-10	Imprinted Tape (C) 1"	each



## ► Hi/Lo Write-On Temperature Tape

### ► Color Tape

These color-coded label tapes work well with all glass and plastic labware, racks, tubing, bags, boxes, and cabinets. It adheres to any surface, including Teflon® and peels off without leaving a sticky residue. Tapes resist moisture and most solvents and can withstand autoclaving (250°F). It may be used as well down to -73°C. All rolls fit on a standard 1" (25.4 mm) or 3" (76 mm) core. Tape is available in widths of 1/2" (12.7 mm), 3/4" (19 mm), and 1" (25.4 mm), 40 yards (36.6 M) long.



### Write -On Label Tape

Cat #	Core	Width mm (in)	Length, yards	Color	Pack
77009-W1	1"	12.7 (1/2")	15 (13.7m)	White	each
77009-W2	1"	19.0 (3/4")	15 (13.7m)	White	each
77009-W3	1"	25.4 (1")	15 (13.7m)	White	each
77010-W1	3"	12.7 (1/2")	40 (36.6m)	White	each
77010-W2	3"	19.0 (3/4")	40 (36.6m)	White	each
77010-W3	3"	25.4 (1")	40 (36.6m)	White	each
77011-W1	3"	12.7 (1/2")	60 (54.8m)	White	each
77011-W2	3"	19.0 (3/4")	60 (54.8m)	White	each
77011-W3	3"	25.4 (1")	60 (54.8m)	White	each
77010-R1	3"	12.7 (1/2")	40 (36.6m)	Red	each
77010-R2	3"	19.0 (3/4")	40 (36.6m)	Red	each
77010-R3	3"	25.4 (1")	40 (36.6m)	Red	each
77009-Y1	1"	12.7 (1/2")	15 (13.7m)	Yellow	each
77009-Y2	1"	19.0 (3/4")	15 (13.7m)	Yellow	each
77009-Y3	1"	25.4 (1")	15 (13.7m)	Yellow	each
77010-Y1	3"	12.7 (1/2")	40 (36.6m)	Yellow	each
77010-Y2	3"	19.0 (3/4")	40 (36.6m)	Yellow	each
77010-Y3	3"	25.4 (1")	40 (36.6m)	Yellow	each
77009-G1	1"	12.7 (1/2")	15 (13.7m)	Green	each
77009-G2	1"	19.0 (3/4")	15 (13.7m)	Green	each
77009-G3	1"	25.4 (1")	15 (13.7m)	Green	each
77010-G1	3"	12.7 (1/2")	40 (36.6m)	Green	each
77010-G2	3"	19.0 (3/4")	40 (36.6m)	Green	each
77010-G3	3"	25.4 (1")	40 (36.6m)	Green	each
77010-B1	3"	12.7 (1/2")	40 (36.6m)	Blue	each
77010-B2	3"	19.0 (3/4")	40 (36.6m)	Blue	each
77010-B3	3"	25.4 (1")	40 (36.6m)	Blue	each
77010-O1	3"	12.7 (1/2")	40 (36.6m)	Orange	each
77010-O2	3"	19.0 (3/4")	40 (36.6m)	Orange	each
77010-O3	3"	25.4 (1")	40 (36.6m)	Orange	each

### ► Cloth-Textured Hi/Lo Temperature Tape

These tapes mold tightly to any container, withstands acids, alkalis, oils and greases. It's will not crack peel or fall off in 550°F dry oven temperatures. Hi/Lo Temperature tape also sticks tightly in the dry ice, liquid gases and deep freeze of cryogenic temperatures. Tape is available in widths of 1/2", 3/4" and 1" on 250" roll. (This tape must be cut with scissors)



Cat.#	Description	Pack
77012-05	Hi/Lo Cloth Tape, 1/2" wide	each
77012-07	Hi/Lo Cloth Tape, 3/4" wide	each
77012-10	Hi/Lo Cloth Tape, 1" wide	each

# Tape

## ► Scotch 811 Removable Magic Tape

This transparent tape can be removed as easily as it goes on. Ideal for taping before photocopying, leaving notes and memos, taping transparencies onto frames, etc., 3" core.

77200	Removable Magic Tape ½" x 72 yds	2rolls/bx
77210	Removable Magic Tape ½" x 72 yds	5bx/lot

## ► Scotch 810 Magic Tape

The ever popular tape that is invisible when applied. Can be written on. Resists yellowing, cracking, and moisture. Ideal for mending, slicing, and many other permanent applications. 3" core.

77300	810 Magic Tape, ½" x 72 yds	2 rolls/bx
77310	810 Magic Tape, ½" x 72 yds	5bx/lot
77301	810 Magic Tape ¾" x 72yds	each

## ► Scotch 235 Photographic Tape

Black, crepe paper, pressure-sensitive tape that is designed for use in commercial as well as private photography. It can be used for making negatives, positives, and transparencies. Conformable, opaque, and it has low light reflectance. 3" core.

77400	235-Photographic Tape, ½"x60 yds	each
77410	235-Photographic Tape, 1"x60 yds	each

## ► Scotch 616 Lithographer's Tape

This ruby-red transparent tape is for use in opaquing, stripping, and edging on film materials. 3" core.

77500	616-Lithographer Tape, ½"x72 yds	each
77510	616-Lithographer Tape, ½"x72 yd	5 roll/lot

## ► Scotch 850 Color Tape

Good for making glass knife boats as well as for hanging, protecting and stripping. 3" core.

77700	Silver Tape ¾" x 72 yds	each
77710	Gold Tape ¾" x 72 yds	each
77720	Black Tape ¾" x 72 yds	each
77701	Silver Color Tape ½" x 72yds	each

## ► Scotch Double Sided Tape:

### ► 1) Without backing paper: Scotch 665

This is a non-conductive transparent tape with adhesive on both sides. There is no liner to remove and it is long lasting for permanent applications. 3" (77mm) core, ¼"(6.35mm)Wx 36yds (32.9m)L. Comes 2 rolls inside a protective box.

77100	Scotch 665 Double Sided	2 /bx
77110	Scotch 665 Double Sided	5bx/lot(10 rolls)
77101	Scotch 665, ¾" Double Sided	each
77102	Scotch 665, ¾" Double Sided	each

### ► 2) With paper liner: Scotch 666

This is a non-conductive transparent tape with adhesive on both sides and white paper as a liner, which is slit in the center to facilitate its removal. This produces good adhesion and cleanliness. Comes 3 rolls inside a protective box, 3" core, ¼" (6.35mm) W x 36 yds (32.9m) L.

77115	Scotch 666 Double Sided Tape	3 /bx
77116	Scotch 666 Double Sided Tape	5 bx/lot (15 rolls)
77117	Scotch 666 Double Sided, ¾" x 36yds	each
77118	Scotch 666 Double Sided, ¾" x 36yds	each
77119	Scotch 666 Double Sided, 1" x 36yds	each

## ► Rocker Tape

*Double-Sided Adhesive Film for Laboratory Containers*

**Mounting Convenient** - No more fumbling with clamps

**Versatile** - Use with rockers, shakers, incubators or nutators

**Strong** - Easily rock and roll up to 300rpm and beyond\*

**Long Lasting** - Re-usable based on load capacity and vessel number

**Resistant** - Keeps on rockin' even in the presence of most solvents and caustic agents

\* RPM limits may vary based on load and vessel contact area. Test load recommended

### Ordering:

77512-12	1.50" x 20' (38mm x 6m)	roll
77512-20	Rocker Tape Sheets, 12" x 12"	3/pk





# Tape Dispensers

## ➤ Scotch C-25 Heavy Duty Dispenser

Durable and economical; high impact resistant plastic dispenser. It features a permanently attached tape drum to eliminate loss. A rubber base prevents slipping. Two tone brown and beige. Holds tape up to 1" wide, 3" core.



**77000** Tape Dispenser each

## ➤ Write-On™ Tape Dispenser

This tape dispenser offers you a convenient writing platform, suitable for both left- and right-handed users. The epoxy-coated platform with finger holes and built-in cutting edge, make dispensing and cutting the tape a simple one-handed action. The weighted base with non-skid bottom pads assures stability. The 3" (76mm) core fits standard tape rolls up to 1" (25mm) wide. The weighted base with non-skid bottom assures stability when in use. Weight: 4 lbs (1.8kg). The dispenser accepts series 77010-tapes shown above. The tape is not included.

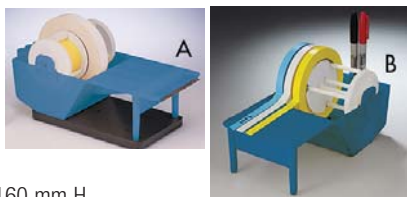


**77001-00** Single Roll Write-On Tape Dispenser each

## ➤ Write-On Label Tape Dispenser

This dispenser holds 1 & 3" core Write-On Label Tape.

Measures: 302 x 143 x 160 mm H (12 x 5 5/8 x 4 3/8"H)-Two types.



**77001-20** Dual Core Write-On Tape Dispenser, Standard, see picture B each

**77001-30** Dual Core Write-On Tape Dispenser, Heavy Base, see picture A each

## ➤ Multi-Roll Write-On™ Tape Dispenser

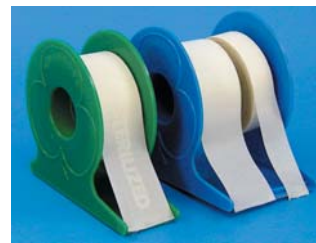
This tape dispenser allows tape rolls of various widths and colors to be mounted on a single drum and reeled off individually as needed. Accepts all 3" (76mm) core roll tapes. Separators keep tape rolls apart. Writing platform is 4" x 6" (102x152mm) with a serrated cutting edge. The weighted base with non-skid bottom pads assures stability. Made from epoxy coated steel. It measures 10 1/4" x 6" x 4 3/8"(H) (260 x 150 x 110mm). Weight: 5 lbs (2.3kg). Tape not included.



**77002-00** Multi-Roll Write-On™ Tape Dispenser each

## ➤ Single Roll Dispensers

Lightweight and easy to use. Hand dispenser holds 500" tape rolls. They are made from durable plastic that can be reused many times with a safety cutting edge that protects fingers.



Cat.#	Description	Pack
<b>77052-01</b>	Single Roll Dispenser, Model SDH-1	each
<b>77052-02</b>	Single Roll Dispenser, Model SDH-2	each

## ➤ Stationary Dispensers

Made from durable plastic. For use with 60-yard tape rolls.

Model SD-2 is for one or more rolls, up to 2" wide. Measures: 10" long x 4" wide x 5" high.

Model SD-6 is for multi-rolls up to 6" wide. Measures: 10" long x 6" wide x 5" high.



Cat.#	Description	Pack
<b>77053-02</b>	Tape Dispenser, Model SD-2	each
<b>77053-06</b>	Tape Dispenser, Model SD-6	each

## ➤ Multi-Roll Dispensers

We offer three different size dispensers to accommodate your 500" tape rolls (1" core) on countertop or cart; and one size dispenser for 2160" tape rolls (3" core). They provide easy dispensing while keeping all tape in one convenient location. A unique design allows easy addition or replacement of every other roll on the dispenser. Made from sheet metal.



77050-25



77050-35



77050-50

Cat.#	Description	Pack
<b>77050-25</b>	Tape Dispenser, Model MD-250, 2 1/2" x 12 1/2" (w) x 3 1/2" (h)	each
<b>77050-35</b>	Tape Dispenser, Model MD-350, 3 1/2" x 12 1/2" (w) x 3 1/2" (h)	each
<b>77050-50</b>	Tape Dispenser, Model MD-500, 5" x 12 1/2" (w) x 3 1/2" (h)	each
<b>77050-60</b>	Tape Dispenser, Model MD 2160, 7 1/2" x 13 1/2" (w) x 3 1/2" (h)	each

# NEWLY INTRODUCED PRODUCTS



## ► Thermal Transfer Handheld Printer

*Tough-Tag and Cryo-Tag  
Reliability with  
Portable  
Convenience*

**Portable** – Each printer is equipped with a hand strap for ease of carrying.

**Large Display** – The What You See Is What You Get\* display gives an exact preview of what each printed label will look like.

**Convenience** – Label samples in the field or the lab.

**Barcodes** – Print the most popular barcodes including Code 39, Code 128 and EAN.

**Serialize** – Use the series function to instantly print an alphanumeric series of labels.



### Ordering:

<b>77596-50</b>	Spirit HT2100 Handheld Printer	each
<b>77596-1</b>	Thermal Transfer Tough-Tags 1.375" x 0.625"	500/roll
<b>77596-2</b>	Thermal Transfer Cryo-Tags 1.50" x 0.50"	500/roll
<b>77596-51</b>	Thermal Transfer Resin Ribbon	roll

## ► Xylene Resistant Thermal Transfer Labels

Polyester labels provide strong solvent resistance, specifically to multiple washes as well as long term exposure to xylene.

Temperature range -40°C to 121°C. Xylene labels resist boiling water baths, autoclaving and moderate freezer temperature.

Available in roll with special top-coated to readily accept thermal transfer printing. Labels are available in microscopy slide end as well as unique general purpose. 1,000 labels per roll.

Note: 100% Virgin polypropylene tubes are recommended. Avoid the use of siliconized surfaces

### SIZING GUIDE: Xylene Resistant Thermal Transfer Labels

0.875" x 0.875"  
**77597-10**

1.69" x 0.625"  
**77597-20**

Cat. #	Label Size	Ideal Use
<b>77597-10</b>	0.875 x 0.875" (22x22mm)	Microscope Slide
<b>77597-20</b>	1.69"x0.625" (43x16mm)	General Purpose
<b>77592-50</b>	Zebra Printer – Model TLP 2844	
<b>77592-55</b>	Resin Ribbon – 2.50"x 244'	



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