

# KENDALL

✧ **BENCHMARK Electronic Pipetters**  
**Transfer Pipetter & Transfer Pipettes**

✧ **Pipette Tips**

- KENDALL Universal Tips
- KENDALL Filter Tips
- KENDALL Gel Loading Tips
- OXFORD Brand Tips
- ELKAY Brand Tips

✧ **PCR Plates**

**Microtiter Plates & Accessories**

**Microwell Format**

**Microcentrifuge Tubes**

**Specimen Containers**

**Transport Tubes**

**Centrifuge Tubes and Racks**

**Microcentrifuge Tube Racks**

**Culture Tubes, Test Tubes & Caps**

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**Tissue Embedding Media**

✧ **Petri Dishes**

**Incinerator & Inoculation Loops**

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- CRITOSEAL Collection Tubes & Closures
- Funnels
- TRI-POUR Beakers
- Bench Covers
- Laboratory Disposal Bags
- Surgical Blades/Scalpels
- Alcohol Preps
- Dressings/Sponges

**Sharps Disposal Containers**

**Laboratory Pump Tubing**

**Reference Charts**

**Index**

**BENCHMARK Product Specials**

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1-800-962-9888, #4  
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# Laboratory Products

The **KENDALL LABWARE** product line is committed to growth and excellence in the liquid handling and laboratory products markets.

**KENDALL LABWARE** products are available through a wide network of national and local distributors. For further ordering information or technical assistance, the following toll-free numbers are available for your convenience:

**Customer Service:** 1-800-962-9888, #4

**Pipettors, Dispensers & Technical Service:** 1-800-325-8668

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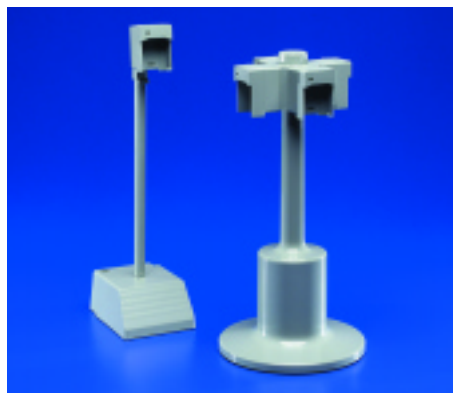
# BENCHMATE Electronic Pipetter



## BENCHMATE Single-Channel, MULTI-8 and BENCHMATE MULTI-12 Electronic Pipettors

- Durable tip cone materials provide excellent chemical resistance
- Induction charging provides corrosion-free mounting to charging stand
- Clear LCD keeps you informed of the pipetter's current task
- Feather-touch button activates all position movements
- Compound lever design and side position allows for easy tip ejection
- Computerized drive system with fast DC motor lets you work more efficiently
- Simple keypad allows easy, error-free selection of liquid handling modes, volumes and speeds
- Select from 5 aspiration and 5 dispensing speeds for a total of 25 possible settings for use with different sample viscosities

| Code       | Channel | Volume Range | Increments | Measured Volume  | Maximum Test Volume Inaccuracy | Imprecision |
|------------|---------|--------------|------------|------------------|--------------------------------|-------------|
| 9995500890 | 1       | .2-10µl      | 0.1µl      | 1µl and 10µl     | 1.35%                          | 0.75%       |
| 9995500891 | 1       | 5-100µl      | 1µl        | 10µl and 100µl   | 0.60%                          | 0.23%       |
| 9995500892 | 1       | 10-250µl     | 5µl        | 25µl and 250µl   | 0.60%                          | 0.23%       |
| 9995500893 | 1       | 10-500µl     | 5µl        | 50µl and 500µl   | 0.60%                          | 0.23%       |
| 9995500894 | 1       | 50-1000µl    | 10µl       | 100µl and 1000µl | 0.60%                          | 0.23%       |
| 9995500895 | 1       | 50-1200µl    | 5µl        | 100µl and 1200µl | 0.60%                          | 0.23%       |
| 9995500896 | 1       | 100-5000µl   | 50µl       | 500µl and 5000µl | 0.75%                          | 0.23%       |
| 9998500894 | 8       | .2-10µl      | 0.1µl      | 1µl and 10µl     | 1.35%                          | 0.75%       |
| 9998500895 | 8       | 5-100µl      | 1µl        | 10µl and 100µl   | 0.75%                          | 0.30%       |
| 9998500896 | 8       | 25-250µl     | 5µl        | 25µl and 250µl   | 0.60%                          | 0.23%       |
| 9998500897 | 8       | 50-1200µl    | 10µl       | 100µl and 1200µl | 0.75%                          | 0.23%       |
| 9998500898 | 12      | .2-10µl      | 0.1µl      | 1µl and 10µl     | 1.35%                          | 0.75%       |
| 9998500899 | 12      | 5-100µl      | 1µl        | 10µl and 100µl   | 0.75%                          | 0.30%       |
| 9998500810 | 12      | 25-250µl     | 5µl        | 25µl and 250µl   | 0.60%                          | 0.23%       |
| 9998500811 | 12      | 50-1200µl    | 10µl       | 100µl and 1200µl | 1.20%                          | 0.23%       |



## Electronic Pipetter Charging Stands

- For BENCHMATE MULTI-8, BENCHMATE MULTI-12 and Single-Channel Pipettors

| Code       | Description                          | Qty/Box |
|------------|--------------------------------------|---------|
| 9991200812 | Charging Stand for 1 Pipetter        | 1       |
| 9991200813 | Charging Stand for up to 4 Pipettors | 1       |

# Transfer Pipetter



## OXFORD Transfer Pipetter

- Inexpensive and disposable
- Suited to a variety of laboratory liquid transferring tasks
- Calibration markings cover the range of 0-12ml in 1ml increments
- Tubing may be attached to the tip if desired
- Tips may be cut to facilitate aspiration and delivery of fluids of varying viscosities
- Polypropylene construction

| Code       | Volume | Qty/Box |
|------------|--------|---------|
| 8889010818 | 12ml   | 50/box  |

# Transfer Pipettes

ELKAY **LIQUIPETTE** Transfer Pipettes – Micro Tip

## Microtip LIQUIPETTE

- Crystal clear tip for easy visual checking of samples.
- Microtips allow for transfer of small samples.

| Code       | Description            | Qty/Case |
|------------|------------------------|----------|
| 127P406000 | 3.5ml Capacity, 500/pk | 5,000    |

ELKAY **LIQUIPETTE** Transfer Pipettes – General Purpose

## Mini LIQUIPETTES

- Suitable for small volume transfers.
- Ideal as dropper in diagnostic kits.

| Code       | Description           | Qty/Case |
|------------|-----------------------|----------|
| 127P522000 | 1.0ml Short, 1,000/pk | 10,000   |
| 127P523000 | 1.0ml Long, 1,000/pk  | 10,000   |

ELKAY **LIQUIPETTE** Transfer Pipettes – Thin Stem

| Code       | Description                     | Qty/Case |
|------------|---------------------------------|----------|
| 127P507000 | 4ml Capacity, Thin Stem, 500/pk | 5,000    |
| 127P516000 | 10ml Long Stem, 250/pk          | 1,000    |

ELKAY **LIQUIPETTE** Transfer Pipettes – Blood Bank

| Code       | Description                                         | Qty/Case |
|------------|-----------------------------------------------------|----------|
| 127P274000 | 2ml Blood Bank, Graduated, 500/pk                   | 5,000    |
| 127P514000 | 6ml Cap Long, 500/pk                                | 4,000    |
| 127P514STR | 6ml Cap Long, Individually Wrapped, 250/pk, Sterile | 250      |

ELKAY **LIQUIPETTE** Transfer Pipettes – Graduated

| Code       | Description                                         | Qty/Case |
|------------|-----------------------------------------------------|----------|
| 127P509000 | 3ml Capacity, 500/pk                                | 5,000    |
| 127P50900P | 3ml Capacity, Plain, 500/pk                         | 5,000    |
| 127P51120S | 5ml Capacity, 20/bag, 500/pk, Sterile               | 500      |
| 127P511STR | 5ml Capacity, Individually Wrapped, 250/pk, Sterile | 250      |
| 127P511000 | 5ml Capacity, 500/pk                                | 5,000    |
| 127P51100P | 5ml Capacity, Plain, 500/pk                         | 5,000    |
| 127P225000 | 7ml Graduated, 3ml, 500/pk                          | 5,000    |
| 127P503000 | 7ml Capacity, 500/pk                                | 5,000    |
| 127P50300P | 7ml Capacity, Plain, 500/pk                         | 5,000    |
| 127P50310S | 7ml Capacity, 10/bag, 500/pk, Sterile               | 500      |
| 127P50320S | 7ml Capacity, 20/bag, 500/pk, Sterile               | 500      |

# Transfer Pipettes

## LIQUIPETTE Transfer Pipettes

| Type                   | Item Code  | Graduation | Description                          | Length (mm) | Maximum Stem Diameter (ml) | Total Capacity (ml) | Drops Per ml | Drop Size | Qty/ Case |
|------------------------|------------|------------|--------------------------------------|-------------|----------------------------|---------------------|--------------|-----------|-----------|
| <i>Microtip</i>        |            |            |                                      |             |                            |                     |              |           |           |
|                        | 127P406000 | None       | Microtip                             | 150         | 5.1                        | 3.5                 | 50           | 20        | 500       |
| <i>General Purpose</i> |            |            |                                      |             |                            |                     |              |           |           |
|                        | 127P522000 | To 0.5ml   | Mini                                 | 85          | 5.3                        | 1.0                 | 25           | 40        | 1,000     |
|                        | 127P523000 | To 0.5ml   | Mini Plus                            | 115         | 5.3                        | 1.0                 | 25           | 40        | 1,000     |
| <i>Thin Stem</i>       |            |            |                                      |             |                            |                     |              |           |           |
|                        | 127P507000 | None       | Thin Stem                            | 152         | 2.5                        | 4.0                 | 25           | 40        | 500       |
|                        | 127P516000 | To 10ml    | Long Stem                            | 170         | 3.2                        | 16.0                | 25           | 40        | 250       |
| <i>Blood Bank</i>      |            |            |                                      |             |                            |                     |              |           |           |
|                        | 127P274000 | None       | Blood Bank                           | 152         | 7.6                        | 4.7                 | 25           | 40        | 500       |
|                        | 127P514000 | None       | Extra Long                           | 229         | 4.7                        | 6.0                 | 25           | 40        | 500       |
|                        | 127P514STR | None       | Extra Long, Sterile                  | 229         | 4.7                        | 6.0                 | 25           | 40        | 250       |
| <i>Graduated</i>       |            |            |                                      |             |                            |                     |              |           |           |
|                        | 127P509000 | To 1.0ml   | Small Bulb                           | 140         | 5.1                        | 3.0                 | 25           | 40        | 500       |
|                        | 127P509STR | To 1.0ml   | Small Bulb<br>Sterile, Ind. Wrap     | 140         | 5.1                        | 3.0                 | 25           | 40        | 250       |
|                        | 127P511000 | To 1.0ml   | Standard 1.0ml                       | 152         | 5.6                        | 5.0                 | 25           | 40        | 500       |
|                        | 127P511STR | To 1.0ml   | Standard 1.0ml<br>Sterile, Ind. Wrap | 152         | 5.6                        | 5.0                 | 25           | 40        | 250       |
|                        | 127P51110S | To 1.0ml   | Standard 1.0ml<br>Sterile, 10/pack   | 152         | 5.6                        | 5.0                 | 25           | 40        | 500       |
|                        | 127P51120S | To 1.0ml   | Standard 1.0ml<br>Sterile, 20/pack   | 152         | 5.6                        | 5.0                 | 25           | 40        | 500       |
|                        | 127P225000 | To 3.0ml   | Special 3.0ml                        | 158         | 7.9                        | 7.0                 | 25           | 40        | 500       |
|                        | 127P503000 | To 3.0ml   | Standard 3.0ml                       | 152         | 8.1                        | 7.0                 | 22           | 45        | 500       |
|                        | 127P503STR | To 3.0ml   | Standard 3.0ml<br>Sterile, Ind. Wrap | 152         | 8.1                        | 7.0                 | 22           | 45        | 250       |
|                        | 127P50310S | To 3.0ml   | Standard, 3.0ml<br>Sterile, 10/pack  | 152         | 8.1                        | 7.0                 | 22           | 45        | 500       |
|                        | 127P50320S | To 3.0ml   | Standard, 3.0ml<br>Sterile, 20/pack  | 152         | 8.1                        | 7.0                 | 22           | 45        | 500       |

# Transfer Pipettes

LIQUIPETTE Transfer Pipettes

## Micro Tip



## General Purpose



## Thin Stem



## Blood Bank



## Graduated

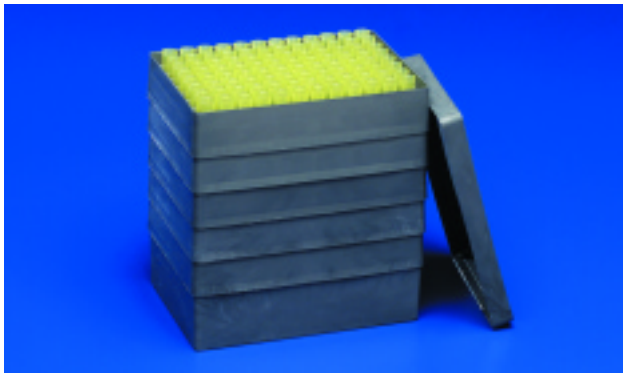


# Pipette Tips Packaging Options



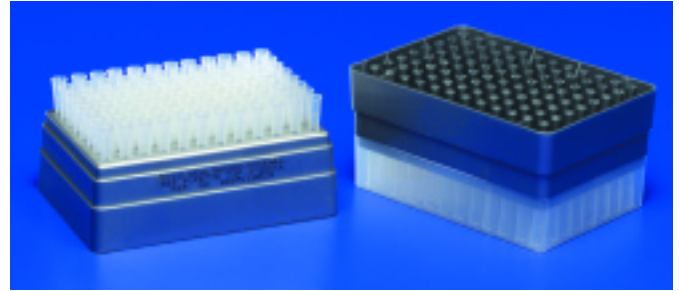
## Bulk Tips

- 1000 each per bag
- Economical bags that are resealable



## ECO RACK Tips

- Saves space, 5 layers of 96 tips per stack
- Stable platform for loading tips with a single or multi-channel pipettor
- Manufactured from 100% recycled plastic and fully autoclavable
- Layered design saves bench space, reduces plastic waste and shipping costs



## Racked Tips

- Durable construction provides a sturdy platform for loading tips and can withstand numerous autoclave cycles without warping
- Fully enclosed tip cells keep pipette tips aligned for mounting with multi-channel pipettors



## QUICK RACK Tips

- Quickly loads 96 tips into empty racks
- Compatible with most manufacturers' empty racks
- Environmental packaging reduces waste by 80% and storage space by 70%
- Available for P2 MicroTips (.1-10µl) and 200µl tips
- Eliminates need to recycle, simply reuse pack

*Complete line of quality tips available for most any pipettor used in the clinical lab.*

*You can choose from P2 Micro Tips, Crystal Eppendorf Tips, Universal Tips, Filter Tips and Gel Loading Tips.*

*All KENDALL branded tips are Tested and Certified:*

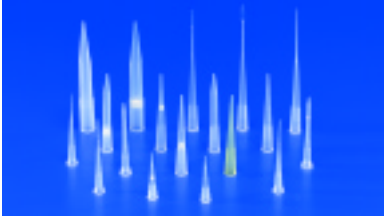
- RNase/DNase-Free
- Human DNA and PCR Inhibitor-Free
- Non-Pyrogenic

*For those pipetting with expensive reagents or long sticky molecules like DNA, protein and peptides, KENDALL offers a full range of LOW BINDING TIPS:*

- Prevents tip hang up
- Improves accuracy and ensures precise and complete sample delivery
- Significantly reduces DNA and protein binding
- Minimizes the amount of liquid discarded with your pipette tip



# Pipette Tip Fit Chart



| P<br>I<br>P<br>E<br>T<br>T<br>E<br>R<br>S |                     |                       | .1-10ul P2 Micro | .1-10ul CrystalEpp | 1-200ul Univ Tip | 5-300ul Tip | 101-1000ul Univ Large | .1-10ul P2 Micro Filter | .5-10ul CrystalEpp Filter | 1-30ul Univ Filter | 1-200ul Univ Filter | 1-250ul Univ Filter | 101-1000ul Filter | .5-200ul Gel Round | .5-200ul Gel Flat .4mm | .5-200ul Gel Flat .2mm | 1-10ul Gel Round | 1-10ul Gel Flat .4mm | 1-10ul Flat .2mm |
|-------------------------------------------|---------------------|-----------------------|------------------|--------------------|------------------|-------------|-----------------------|-------------------------|---------------------------|--------------------|---------------------|---------------------|-------------------|--------------------|------------------------|------------------------|------------------|----------------------|------------------|
|                                           | BRINKMANN           | 10-50ul (12 Channel)  |                  |                    | ●                | ●           |                       |                         |                           | ★                  | ●                   | ●                   |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | BRINKMANN           | 50-200ul (12 Channel) |                  |                    | ●                | ●           |                       |                         |                           | ★                  | ●                   | ●                   |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | COSTAR              | 1-20ul                |                  |                    | ●                | ●           |                       |                         |                           | ●                  |                     |                     |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | COSTAR              | 2-20ul                |                  |                    | ●                | ●           |                       |                         |                           | ●                  |                     |                     |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | COSTAR              | 10-100ul              |                  |                    | ●                | ●           |                       |                         |                           | ★                  |                     |                     |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | COSTAR              | 20-200ul              |                  |                    | ●                | ●           |                       |                         |                           | ★                  | ●                   | ●                   |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | COSTAR              | 20-200ul (12 Channel) |                  |                    | ●                | ●           |                       |                         |                           |                    | ●                   | ●                   |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | COSTAR              | 100-1000ul            |                  |                    |                  |             | ●                     |                         |                           |                    |                     |                     | ●                 |                    |                        |                        |                  |                      |                  |
|                                           | EPPENDORF           | 0.5-10ul              |                  |                    |                  |             |                       |                         | ●                         |                    |                     |                     |                   |                    |                        |                        |                  |                      |                  |
|                                           | EPPENDORF           | 1-10ul                | ●                | ●                  |                  |             |                       | ●                       | ●                         |                    |                     |                     |                   |                    |                        |                        | ●                | ●                    | ●                |
|                                           | EPPENDORF           | 10-100ul              |                  |                    | ●                | ●           |                       |                         |                           | ★                  |                     |                     |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | EPPENDORF           | 100ul                 |                  |                    | ●                | ●           |                       |                         |                           | ★                  |                     |                     |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | EPPENDORF           | 200ul                 |                  |                    |                  |             | ●                     |                         |                           |                    |                     |                     |                   |                    |                        |                        |                  |                      |                  |
|                                           | EPPENDORF           | 100-1000ul            |                  |                    |                  |             | ●                     |                         |                           |                    |                     |                     | ●                 |                    |                        |                        |                  |                      |                  |
|                                           | FINNPIPETTE         | .5-10ul               |                  |                    | ●                | ●           |                       |                         |                           |                    |                     |                     |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | FINNPIPETTE         | 10-50ul               |                  |                    | ●                | ●           |                       |                         |                           | ★                  |                     |                     |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | FINNPIPETTE         | 40-200ul              |                  |                    | ●                | ●           |                       |                         |                           | ★                  | ●                   | ●                   |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | FINNPIPETTE         | 50-200ul              |                  |                    | ●                | ●           |                       |                         |                           | ★                  | ●                   | ●                   |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | FINNPIPETTE         | 200-1000ul            |                  |                    |                  |             | ●                     |                         |                           |                    |                     |                     | ●                 |                    |                        |                        |                  |                      |                  |
|                                           | PIPETMAN/GILSON     | 2ul                   | ●                | ●                  |                  |             |                       | ●                       | ●                         |                    |                     |                     |                   |                    |                        |                        | ●                | ●                    | ●                |
|                                           | PIPETMAN/GILSON     | 10ul                  | ●                | ●                  |                  |             |                       | ●                       | ●                         |                    |                     |                     |                   |                    |                        |                        | ●                | ●                    | ●                |
|                                           | PIPETMAN/GILSON     | 20ul                  |                  |                    | ●                | ●           |                       |                         |                           | ●                  |                     |                     |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | PIPETMAN/GILSON     | 100ul                 |                  |                    | ●                | ●           |                       |                         |                           | ★                  |                     |                     |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | PIPETMAN/GILSON     | 200ul                 |                  |                    | ●                | ●           |                       |                         |                           | ★                  |                     |                     |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | PIPETMAN/GILSON     | 1000ul                |                  |                    |                  |             | ●                     |                         |                           |                    |                     |                     | ●                 |                    |                        |                        |                  |                      |                  |
|                                           | MLA                 | 10-50ul               |                  |                    | ●                | ●           |                       |                         |                           | ★                  | ●                   | ●                   |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | MLA                 | 50-200ul              |                  |                    | ●                | ●           |                       |                         |                           | ★                  | ●                   | ●                   |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | OXFORD BENCHMARK    | 0.1-2.0ul             | ●                | ●                  |                  |             |                       |                         |                           |                    |                     |                     |                   |                    |                        |                        | ●                | ●                    | ●                |
|                                           | OXFORD BENCHMARK    | 0.5-10ul              | ●                | ●                  |                  |             |                       |                         |                           |                    |                     |                     |                   |                    |                        |                        | ●                | ●                    | ●                |
|                                           | OXFORD BENCHMARK    | 2-20ul                |                  |                    | ●                | ●           |                       |                         |                           |                    |                     |                     |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | OXFORD BENCHMARK    | 10-100ul              |                  |                    | ●                | ●           |                       |                         |                           |                    |                     |                     |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | OXFORD BENCHMARK    | 20-200ul              |                  |                    | ●                | ●           |                       |                         |                           |                    |                     |                     |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | OXFORD BENCHMARK    | 100-1,000ul           |                  |                    |                  |             | ●                     |                         |                           |                    |                     |                     |                   |                    |                        |                        |                  |                      |                  |
|                                           | OXFORD BENCHMARK    | 5-50ul (8 Channel)    |                  |                    | ●                | ●           |                       |                         |                           |                    |                     |                     |                   | ★                  | ★                      | ★                      |                  |                      |                  |
|                                           | OXFORD BENCHMARK    | 40-200ul (8 Channel)  |                  |                    | ●                | ●           |                       |                         |                           | ★                  | ●                   | ●                   |                   | ●                  | ●                      | ●                      | ●                |                      |                  |
|                                           | OXFORD BENCHMARK    | 5-50ul (12 Channel)   |                  |                    | ●                | ●           |                       |                         |                           |                    |                     |                     |                   | ★                  | ★                      | ★                      |                  |                      |                  |
|                                           | OXFORD BENCHMARK    | 40-200ul (12 Channel) |                  |                    | ●                | ●           |                       |                         |                           | ★                  | ●                   | ●                   |                   | ●                  | ●                      | ●                      | ●                |                      |                  |
|                                           | SEALPETTE           | 0.5-10ul              | ●                | ●                  |                  |             |                       | ●                       |                           |                    |                     |                     |                   |                    |                        |                        | ●                | ●                    | ●                |
|                                           | SEALPETTE           | 2-20ul                |                  |                    | ●                | ●           |                       |                         |                           | ●                  |                     |                     |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | SEALPETTE           | 20-200ul              |                  |                    | ●                | ●           |                       |                         |                           |                    | ●                   | ●                   |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | SEALPETTE           | 20-1000ul             |                  |                    |                  |             | ●                     |                         |                           |                    |                     |                     | ●                 |                    |                        |                        |                  |                      |                  |
|                                           | SOCOREX             | 0.4-2ul               |                  | ●                  |                  |             |                       |                         |                           |                    |                     |                     |                   |                    |                        |                        | ●                | ●                    | ●                |
|                                           | SOCOREX             | 1-10ul (Long Piston)  |                  | ●                  |                  |             |                       |                         | ●                         |                    |                     |                     |                   |                    |                        |                        | ●                | ●                    | ●                |
|                                           | SOCOREX             | 1-10ul (Short Piston) | ●                | ●                  |                  |             |                       |                         | ●                         |                    |                     |                     |                   |                    |                        |                        | ●                | ●                    | ●                |
|                                           | SOCOREX             | 2-20ul                | ●                | ●                  |                  |             |                       |                         | ●                         | ●                  | ●                   | ●                   |                   |                    |                        |                        | ●                | ●                    | ●                |
|                                           | SOCOREX             | 20-200ul              |                  |                    | ●                | ●           |                       |                         |                           | ●                  | ●                   | ●                   |                   | ●                  | ●                      | ●                      |                  |                      |                  |
|                                           | SOCOREX             | 200-1000ul            |                  |                    |                  |             | ●                     |                         |                           |                    |                     |                     | ●                 |                    |                        |                        |                  |                      |                  |
|                                           | TITERTEK/LABSYSTEMS | 50-300ul (8 Channel)  |                  |                    | ★                | ●           |                       |                         |                           | ★                  | ★                   | ★                   |                   | ★                  | ★                      | ★                      |                  |                      |                  |
|                                           | TITERTEK/LABSYSTEMS | 50-200ul (12 Channel) |                  |                    | ●                | ●           |                       |                         |                           | ●                  | ●                   | ●                   |                   | ●                  | ●                      | ●                      |                  |                      |                  |

- Recommended pipetter / pipette tip combination.
- ★ Pipetter has the capacity to OVER FILL this tip and draw fluid into the pipetter. This can potentially cause contamination or damage to the pipetter. It is the responsibility of the user to be sure the volume is properly set-up for each tip used.



# KENDALL Pipette Tips

## .1-10µl P2 Natural MICRO Tips

- Universal fit for ultra-micro pipetters
- External graduations at 2µl and 10µl for quick volume checks



| Code       | Low Binding | Sterile | Packaging  | Packaging Description                 | Qty/Rack or Bulk |
|------------|-------------|---------|------------|---------------------------------------|------------------|
| 8885118900 | No          | No      | Bulk       | 1,000/Bag, 10 Bags/Case               | 10,000           |
| 8885118901 | Yes         | No      | Racked     | 10 Racks of 96/Pack (960), 5 Pks/Case | 4,800            |
| 8885118902 | Yes         | Yes     | Racked     | 10 Racks of 96/Pack (960), 5 Pks/Case | 4,800            |
| 8885118903 | Yes         | No      | Quick Rack | 960 /Pack , 5 Packs /Case             | 4,800            |
| 8885118941 | No          | No      | Racked     | 10 Racks of 96/Pack (960), 5 Pks/Case | 4,800            |
| 8885118939 | No          | Yes     | Racked     | 10 Racks of 96/Pack (960), 5 Pks/Case | 4,800            |
| 8885118940 | No          | No      | Quick Rack | 960 /Pack , 5 Packs /Case             | 4,800            |

## .1-10µl Crystal/EPPENDORF Natural Tips

- Fits EPPENDORF, OXFORD BENCHMARK, LABPETTE and other research-grade ultra-micro pipetters
- Extended length reaches the bottom of tubes without contaminating the pipetter shaft
- Improved design increases accuracy and reproducibility in critical 0.5µl to 10µl volume ranges



| Code       | Low Binding | Sterile | Packaging | Packaging Description                 | Qty/Rack or Bulk |
|------------|-------------|---------|-----------|---------------------------------------|------------------|
| 8885118904 | No          | No      | Bulk      | 1,000/Bag, 10 Bags/Case               | 10,000           |
| 8885118905 | Yes         | No      | Racked    | 10 Racks of 96/Pack (960), 5 Pks/Case | 4,800            |
| 8885118906 | Yes         | Yes     | Racked    | 10 Racks of 96/Pack (960), 5 Pks/Case | 4,800            |

# KENDALL Universal Tips

## KENDALL Universal Tips

- Universal fit for research-grade pipetters
- Beveled orifice makes it easier to touch off last drop when dispensing samples
- Universal tips eliminate the need to stock expensive specialty tips designed exclusively for specific brands of pipetters
- Rack's reinforced base and precision-spaced 96-hole design enable rapid mounting of tips on all multi-channel pipetters



## 5-200µl Universal Referenced Tips, Natural

| Code       | Low Binding | Sterile | Packaging  | Packaging Description                 | Qty/Rack or Bulk |
|------------|-------------|---------|------------|---------------------------------------|------------------|
| 8885118907 | No          | No      | Bulk       | 1,000/Bag, 10 Bags/Case               | 10,000           |
| 8885118908 | Yes         | No      | Racked     | 10 Racks of 96/Pack (960), 5 Pks/Case | 4,800            |
| 8885118909 | Yes         | Yes     | Racked     | 10 Racks of 96/Pack (960), 5 Pks/Case | 4,800            |
| 8885118910 | Yes         | Yes     | Eco Rack   | 10 Racks of 96/Pack (960), 5 Pks/Case | 4,800            |
| 8885118911 | Yes         | No      | Quick Rack | 960 /Pack , 5 Packs /Case             | 4,800            |

# KENDALL Universal Tips



## 1-200µl Universal Tips, Yellow

| Code       | Low Binding | Sterile | Packaging  | Packaging Description                 | Qty/Rack or Bulk |
|------------|-------------|---------|------------|---------------------------------------|------------------|
| 8885118912 | No          | No      | Bulk       | 1,000/Bag, 10 Bags/Case               | 10,000           |
| 8885118913 | No          | No      | Racked     | 10 Racks of 96/Pack (960), 5 Pks/Case | 4,800            |
| 8885118914 | No          | Yes     | Racked     | 10 Racks of 96/Pack (960), 5 Pks/Case | 4,800            |
| 8885118915 | No          | Yes     | Eco Rack   | 10 Racks of 96/Pack (960), 5 Pks/Case | 4,800            |
| 8885118916 | No          | No      | Quick Rack | 960 /Pack , 5 Packs /Case             | 4,800            |



## 1-300µl Universal Tips, Natural

| Code       | Low Binding | Sterile | Packaging | Packaging Description                 | Qty/Rack or Bulk |
|------------|-------------|---------|-----------|---------------------------------------|------------------|
| 8885118917 | No          | No      | Bulk      | 1,000/Bag, 10 Bags/Case               | 10,000           |
| 8885118918 | Yes         | No      | Racked    | 10 Racks of 96/Pack (960), 5 Pks/Case | 4,800            |
| 8885118919 | Yes         | Yes     | Racked    | 10 Racks of 96/Pack (960), 5 Pks/Case | 4,800            |



## 101-1000µl Universal Tips, Natural

| Code       | Low Binding | Sterile | Packaging | Packaging Description                   | Qty/Rack or Bulk |
|------------|-------------|---------|-----------|-----------------------------------------|------------------|
| 8885118920 | No          | No      | Bulk      | 1,000/Bag, 10 Bags/Case                 | 10,000           |
| 8885118921 | No          | No      | Racked    | 10 Racks of 100/Pack (1000), 5 Pks/Case | 5,000            |
| 8885118922 | No          | Yes     | Racked    | 10 Racks of 100/Pack (1000), 5 Pks/Case | 5,000            |

# KENDALL Filter Tips

1-30µl



5-200µl



.5-10µl



.1-10µl



1-100µl



5-250µl



101-1000µl



## KENDALL Filter Tips, Natural

- Universal fit for research-grade pipettors
- Ideal for molecular biology applications such as PCR
- Features an inert hydrophobic barrier that prevents pipettor contamination
- Aerosol barrier will not trap liquid or contaminate samples in the event of over pipetting
- Locking ring ensures reliable barrier placement
- Low binding
- Sterile

| Code       | Description | Packaging | Packaging Description     | Qty/Case |
|------------|-------------|-----------|---------------------------|----------|
| 8885117990 | 1-20µl      | Racked    | 96/Rack, 10 Racks/Case    | 960      |
| 8885117992 | 5-200µl     | Racked    | 96/Rack, 10 Racks/Case    | 960      |
| 8885117994 | .5-10µl     | Racked    | 96/Rack, 10 Racks/Case    | 960      |
| 8885117996 | .1-10µl     | Racked    | 96/Rack, 10 Racks/Case    | 960      |
| 8885117993 | 1-100µl     | Racked    | 96/Rack, 10 Racks/Case    | 960      |
| 8885117917 | 5-250µl     | Racked    | 96/Rack, 10 Racks/Case    | 960      |
| 8885117998 | 101-1000µl  | Racked    | 100/Rack, 1000 Racks/Case | 10,000   |

# KENDALL Gel Loading Tips

## KENDALL Gel Loading Tips, Natural

- Universal fit for research-grade pipetters
- Ideal for gel electrophoresis
- Narrow delivery orifice dispenses the complete sample to the bottom of the well, resulting in high quality data
- Available in Round (0.57mm O.D.) for protein gels and Flat (0.37mm O.D. & 0.17mm O.D.) for ultra thin .4mm and .2mm sequencing gels and other discrete sampling procedures
- 83mm length for access to bottom of narrow vessels and gel walls
- Available in clean or sterile racks of 200 tips to complement all research applications
- 5µl-graduation for easy volume QuickCheck

### .5-200µl Gel Round Tips

*.5-200µl Gel Round*



| Code       | Low Retention | Sterile | Packaging | Packaging Description   | Qty/Case |
|------------|---------------|---------|-----------|-------------------------|----------|
| 8885118923 | No            | No      | Bulk      | 1,000/Bag; 10 Bags/Case | 10,000   |
| 8885118926 | No            | No      | Racked    | 2 Racks of 200/Case     | 400      |
| 8885118927 | No            | Yes     | Racked    | 2 Racks of 200/Case     | 400      |

### .5-200µl Gel Flat Tips, .4mm

*.5-200µl Gel Flat, .4mm*



| Code       | Low Retention | Sterile | Packaging | Packaging Description | Qty/Case |
|------------|---------------|---------|-----------|-----------------------|----------|
| 8885118928 | No            | No      | Racked    | 2 Racks of 200/Case   | 400      |
| 8885118929 | No            | Yes     | Racked    | 2 Racks of 200/Case   | 400      |

### .5-200µl Gel Flat Tips, .2mm

*.5-200µl Gel Flat, .2mm*



| Code       | Low Retention | Sterile | Packaging | Packaging Description | Qty/Case |
|------------|---------------|---------|-----------|-----------------------|----------|
| 8885118930 | No            | No      | Racked    | 2 Racks of 200/Case   | 400      |
| 8885118931 | No            | Yes     | Racked    | 2 Racks of 200/Case   | 400      |

### .1-10µl Gel Round

*.1-10µl Gel Round*



| Code       | Low Retention | Sterile | Packaging | Packaging Description | Qty/Case |
|------------|---------------|---------|-----------|-----------------------|----------|
| 8885118932 | No            | No      | Racked    | 2 Racks of 200/Case   | 400      |
| 8885118933 | No            | Yes     | Racked    | 2 Racks of 200/Case   | 400      |

### .1-10µl Gel Flat Tips, .4mm

*.1-10µl Gel Flat, .4mm*



| Code       | Low Retention | Sterile | Packaging | Packaging Description | Qty/Case |
|------------|---------------|---------|-----------|-----------------------|----------|
| 8885118934 | No            | No      | Racked    | 2 Racks of 200/Case   | 400      |
| 8885118935 | No            | Yes     | Racked    | 2 Racks of 200/Case   | 400      |

### .1-10µl Gel Flat Tips, .2mm

*.1-10µl Gel Flat, .2mm*



| Code       | Low Retention | Sterile | Packaging | Packaging Description | Qty/Case |
|------------|---------------|---------|-----------|-----------------------|----------|
| 8885118936 | No            | No      | Racked    | 2 Racks of 200/Case   | 400      |
| 8885118937 | No            | Yes     | Racked    | 2 Racks of 200/Case   | 400      |

## OXFORD Brand Tips



### 5-200µl, 1 - 7/8" (48mm) OXFORD 810, Natural

For use with: OXFORD 8000 Series Pipetters

| Code       | Description                         | Tip Color | Packaging                       | Qty/Case |
|------------|-------------------------------------|-----------|---------------------------------|----------|
| 8885081003 | 5-200µl, 1 7/8" (48mm), Non-Sterile | Natural   | 100/Bag; 100 Bags/Case; Bulk    | 10,000   |
| 8885081177 | 5-200µl, 1 7/8" (48mm), Non-Sterile | Natural   | 100/Rack; 10 Racks/Case; Racked | 1,000    |



### 1-5ml, 4 - 1/2" (114mm), OXFORD 814, Natural

For use with: MLA and OXFORD Pipetters

| Code       | Description                        | Tip Color | Packaging                     | Qty/Case |
|------------|------------------------------------|-----------|-------------------------------|----------|
| 8885081409 | 1-5ml, 4 1/2" (114mm), Non-Sterile | Natural   | 250/Bag; 10 Bags/Case; Bulk   | 2,500    |
| 8885081417 | 1-5ml, 4 1/2" (114mm), Sterile     | Natural   | Individually Wrapped, 50/Case | 50       |



### 5-10ml, 5 - 1/4" (133mm), 815 Macro-Set, Blue

For use with: Macro-Set Pipetters

| Code       | Description                         | Tip Color | Packaging                     | Qty/Case |
|------------|-------------------------------------|-----------|-------------------------------|----------|
| 8885081508 | 5-10ml, 4 1/2" (133mm), Non-Sterile | Blue      | 250/Bag; 10 Bags/Case; Bulk   | 2,500    |
| 8885081516 | 5-10ml, 4 1/2" (133mm), Sterile     | Blue      | Individually Wrapped, 50/Case | 50       |

## ELKAY Brand Tips



### 2 - 19/32" (66mm), Natural

— Volume: 1-200µl

— For use with OXFORD Lancer, Sampler and Slimline Pipetters

| Code         | Description                                           | Tip Color | Packaging       | Qty/Case |
|--------------|-------------------------------------------------------|-----------|-----------------|----------|
| 0000000024   | 1-200µl, 2 19/32" (66mm), Non-Sterile                 | Natural   | 1,000/Bag; Bulk | 10,000   |
| 0000000A24** | CONVE-RACK Tip, 1-200µl, 2 19/32" (66mm), Non-Sterile | Natural   | 1,000/Bag       | 10,000   |
| 000STERA24   | AUTOPACK 200 Tip, 1-200µl, 2 19/32" (66mm), Sterile   | Natural   | 1,000/Bag       | 10,000   |



### 2 - 3/4" (70mm), Natural

— Volume: 10-500µl

— For use with BECKMAN, OXFORD Lancer Pipetters

| Code       | Description                                       | Tip Color | Packaging       | Qty/Case |
|------------|---------------------------------------------------|-----------|-----------------|----------|
| 0000000019 | BECKMAN Tip, 10-500µl, 2 3/4" (70mm), Non-Sterile | Natural   | 1,000/Bag; Bulk | 10,000   |



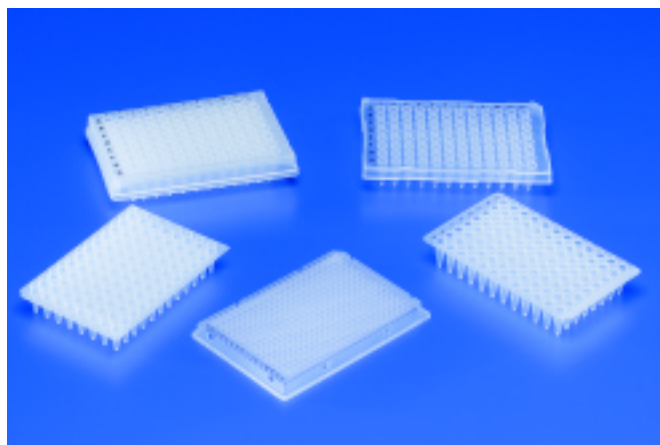
### 2 - 13/16" (71mm), Blue

— Volume: 101-1,000µl

— For use with BIOHIT/PROLINE, BRAND, COSTAR, EPENDORF, OXFORD, PIPETMAN, UNIFLEX, WHEATON

| Code       | Description                              | Tip Color | Packaging            | Qty/Case |
|------------|------------------------------------------|-----------|----------------------|----------|
| 0000000018 | 101-1000µl, 2 13/16" (71mm), Non-Sterile | Blue      | 1,000/Bag; Bulk      | 10,000   |
| 000AUT1A18 | 101-1000µl, 2 13/16" (71mm), Non-Sterile | Blue      | 100/Rack, 1,000/Case | 1,000    |
| 000STE1A18 | 101-1000µl, 2 13/16" (71mm), Steriled    | Blue      | 100/Rack, 1,000/Case | 1,000    |

# KENDALL PCR Plates



## KENDALL PCR Plates

- Unique, printed plates that fit all leading thermal cyclers, real-time PCR instruments, and DNA Sequencing/Dection systems
- PCR plates exhibit minimal warp before and after thermal cycling due to rigid mold designs and tightly controlled molding processes
- Bold printed alphanumerices THAT YOU CAN READ - minimal eye strain is needed to identify wells and provides a quick reference for orienting plates. Printing is not effected by temperature extremes and cannot be removed by plate sealers

**100% QC Process:** Every well of each plate undergoes rigorous quality inspections with advanced testing equipment  
**PCR Certified:** Packaged products are tested and *Certified Free* of Rnase/Dnase, Human DNA, PCR inhibitors and pryogens

### 96-Well MB Plate:

- Certified by Amersham BioSciences for the MEGABACE 1000 DNA Analysis System
- Raised tube rims eliminate well-to-well contamination
- Rigid design minimizes warp

### Semi-Skirted 96 PCR Plate:

- FitsApplied BioSystems' (ABI) thermal cyclers and DNA analyzers
- Raised rim around perimeter for aligning purification plates
- Skirt provides surface for labeling and robot handling
- Black printed grid reference provides easy sample identification and plate orientation

### Skirted 96 PCR Plate:

- Built to SBS standards, compatible with most robotics
- Low profile design minimizes condensation
- Fits MEGABACE 500 and MEGABACE 1000 DNA Analysis Systems
- Fits MJ Research thermal cyclers
- Black printed grid reference provides easy sample identification and plate orientation

### 96-Well Ultra Plate:

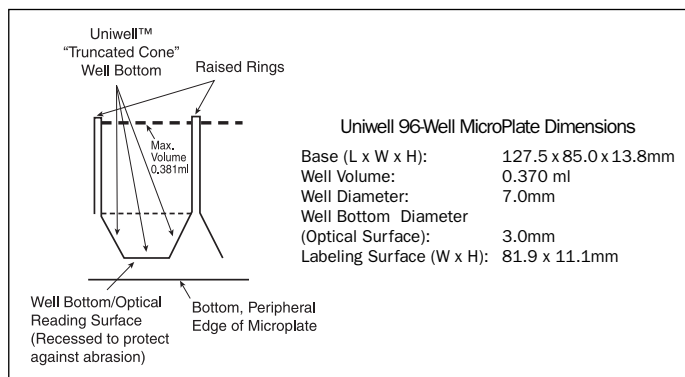
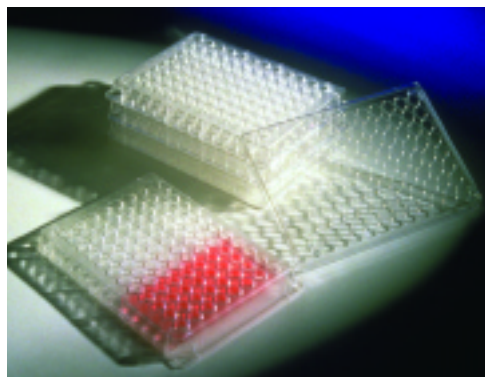
- Fits most thermal cyclers
- Slightly raised rims around wells provide maximum sealing
- Black printed grid reference provides easy sample identification and plate orientation

### 384-Well PCR Plate:

- Built to SBS standards, compatible with most robotics
- Rigid skirt for gripping by robotic plate handlers
- Maintains dimensions after thermal cycling
- Black printed grid reference provides easy sample identification and plate orientation

| Code    | Description                     | Packaging      | Qty/Case |
|---------|---------------------------------|----------------|----------|
| 3626PCR | PCR Plate, Rigid 96-well        | 25 Plates/Case | 25       |
| 3628PCR | PCR Plate, MB 96-well           | 50 Plates/Case | 50       |
| 3629PCR | PCR Plate, Semi-Skirted 96-well | 25 Plates/Case | 25       |
| 3627PCR | PCR Plate, Skirted 96-well      | 25 Plates/Case | 25       |
| 3630PCR | PCR Plate, Skirted 384-well     | 50 Plates/Case | 50       |

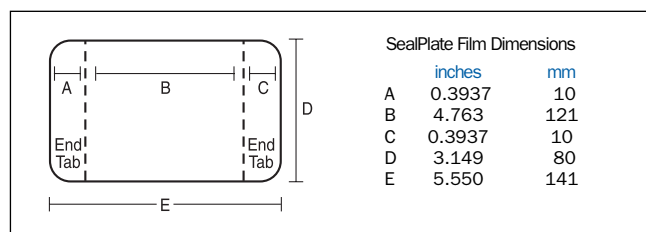
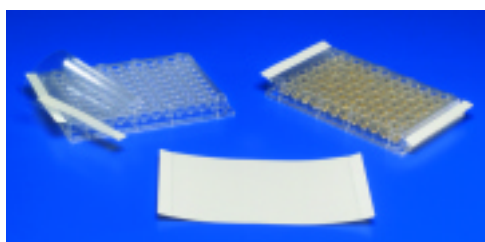
# Microtiter Plates and Accessories



## ELKAY UNIWELL Microplates

- Combines "U-shape" and "flat-bottom" wells into one distinctive UNIWELL for enhanced washing results
- Superior optical clarity-80% average light transmission at 405 nanometers (optical surface diameter = 3.0mm)
- Flat well bottom ensures optimal well reading
- Dimensional consistency—tolerances to within 0.1% for use with robotic fingers, conveyances, washers and readers
- Raised rings around well tops inhibit cross-contamination
- One-way fitting lids provide ventilation across wells and have raised "feet" for easy stackability
- Half-well configuration ideally suited for hybridoma applications
- Available non-sterile and gamma-irradiated sterile

| Code       | Description                                          | Qty/Case |
|------------|------------------------------------------------------|----------|
| 096WELL001 | UNIWELL Mircowell Plate, No Lid, Non-Sterile, 100/pk | 100      |



## Seal Plate Adhesive Film

- Designed to seal 6 to 96 well microplates reducing sample-to-sample well contamination
- Perforated end tabs allow easier, more accurate positioning of the film over plates
- Bio-inert film and adhesive are compatible with virtually all microwell plate assays
- Super-thin, 1.0mil thickness is easily pierced with a pipet tip or probe
- Thermal resistant 2.0mil polypropylene, withstands extreme temperatures (-40°C to 125°C, or -40°F to 257°F)

| Code                          | Description                                          | Qty/Case |
|-------------------------------|------------------------------------------------------|----------|
| <b>Non-Sterile, Polyester</b> |                                                      |          |
| SEALPLTTHN                    | Seal Plate Adhesive Film, 1.0ml, 100/pk              | 1,000    |
| SEALPLT100                    | Seal Plate Adhesive Film, 2.0ml Polyester, 100/pk    | 1,000    |
| <b>Sterile, Polyester</b>     |                                                      |          |
| SEALTHNSTR                    | Seal Plate Adhesive Film, 1.0ml, Polyester, 100/pk   | 1,000    |
| SEALPLTSTR                    | Seal Plate Adhesive Film, 2.0ml, Polyester, 100/pk   | 1,000    |
| <b>Polypropylene</b>          |                                                      |          |
| SEALPLTPP2                    | Seal Plate Adhesive Film, 2.0ml, 100/pk, Non-Sterile | 1,000    |
| SEALPP2STR                    | Seal Plate Adhesive Film, 2.0ml, Sterile 100/pk      | 1,000    |

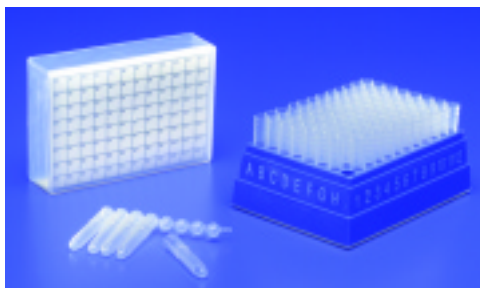




## Large Capacity Reagent Basins

- 175ml reservoir requires fewer refills
- Molded-in graduations provide volume estimation at a glance, no wasted reagent
- Flat well bottom ensures optimal well reading
- Hinged lid protects liquid from contaminants, prevents spills, and allows basins to be used as safe, secure storage containers
- Stackable—requires less storage space on the bench

| Code       | Description                       | Qty/Case |
|------------|-----------------------------------|----------|
| 175RBAS000 | Reagent Basin, 175ml With Lid 100 | 100      |



## AUTOTUBES

- 96 1.2ml tubes per rack in the standard 8 x 12 format
- Made from 100% virgin polypropylene, tubes, racks and covers are autoclavable and can be stored to -85°C
- Resistant to most research chemicals
- Each rack contains a removable, 96-place Identification Card for recording sample locations
- Easy to read numbers and letters on the outside rows and columns of the rack also allow identification of tubes
- Packaged with polyethylene plug caps (8 caps per strip) which can either be used with rows of tubes or cut into individual caps
- Cap strips are available non-sterile and sterile, but are not autoclavable
- Caps maintain sample integrity during mixing and storage
- Rack covers prevent contamination of open tubes
- Convenient, for sample pre-dilution prior to transfer into micro-well plates
- Standard 9mm on-center spacing of tubes allows use with multi-channel pipettors and most auto-sampling devices
- Particularly ideal for PCR applications, as their height above the rack prevents cross contamination
- Stacking feet allow racks with covers to be efficiently stored
- Same footprint as microtiter plates, no need for an adapter when replacing microtiter plates in automatic pipetting stations

| Code       | Description                                                                         | Qty/Case |
|------------|-------------------------------------------------------------------------------------|----------|
| 000MICR120 | AUTOTUBE, 1.2ml, Bulk, 1000/pk                                                      | 10,000   |
| 001MICR096 | AUTOTUBE, 1.2ml, Autopack With ID Card, 10 racks of 96/Pack                         | 9,600    |
| 001MICRS96 | AUTOTUBE, 1.2ml, Autopack, 96 per Tray, 10 racks of 96/Pack, Sterile                | 9,600    |
| 000STRP008 | AUTOTUBE Caps, 8 per Strip, 960/Pack, Non-Sterile                                   | 9,600    |
| 000STRPST8 | AUTOTUBE Caps, 8 per Strip, 10 Bags of 96, 12 X 8/Strip, Individ. Packaged, Sterile | 9,600    |



# Microcentrifuge Tubes

## Microcentrifuge Tubes

- Positive Snap-Seal closures for leak-tight seals
- Flat, needle-pierceable tops allow easy sample removal
- Two write-on areas – one on the side, one on top—for easy identification
- Graduation lines allow volume estimation at a glance
- Metal Free 1.5ml and 1.9ml tubes available for trace metal analysis
- **All 0.5, 1.5 and 2.0 MCTs are RNase/DNase free**
- Sterile packaging available in 1.5ml size only
- 1.5ml available in amber material which filters out 99.8% of UV light between 290 and 400 nanometers
- Not suited for use with concentrated chloroform
- Polypropylene tubes can be autoclaved at 121°C (250°F)
- Polyethylene tubes can be easily cut for pellet removal
- MCT racks are available for storage and transport. (See page 22 for information on microtube racks)

\*Phenol/Chloroform/Isoamyl Alcohol



| Code                                                             | Description                               | Qty/Case |
|------------------------------------------------------------------|-------------------------------------------|----------|
| <b>0.25ml &amp; 0.4ml Micorcentrifuge Tubes, 1,000/pk</b>        |                                           |          |
| 000MICR026                                                       | MCT 250ul with Cap, Polyethylene, Natural | 1,000    |
| 000MICR041                                                       | MCT 400ul with Cap, Polyethylene, Natural | 1,000    |
| 000MICR040                                                       | MCT 400ul, with Cap, Natural              | 1,000    |
| <b>0.5ml Micorcentrifuge Tubes, 1, Polypolypropylene, 500/pk</b> |                                           |          |
| 000MICR05A                                                       | Assorted Colors*                          | 5,000    |
| 000MICR058                                                       | Amber*                                    | 5,000    |
| 000MICR052                                                       | Blue*                                     | 5,000    |
| 000MICR056                                                       | Orange*                                   | 5,000    |
| 000MICR053                                                       | Green*                                    | 5,000    |
| 000MICR055                                                       | Lavendar*                                 | 5,000    |
| 000MICR050                                                       | Natural                                   | 5,000    |
| 000MICR057                                                       | Red*                                      | 5,000    |
| 000MICR054                                                       | Yellow*                                   | 5,000    |
| <b>1.5ml Micorcentrifuge Tubes, 1, 500/pk</b>                    |                                           |          |
| 000MICR15A                                                       | Assorted Colors*                          | 5,000    |
| 000MICR158                                                       | Amber*                                    | 5,000    |
| 000MICR152                                                       | Blue*                                     | 5,000    |
| 000MICR156                                                       | Orange*                                   | 5,000    |
| 000MICR153                                                       | Green*                                    | 5,000    |
| 000MICR15L                                                       | Lavendar*                                 | 5,000    |
| 000MICR15M                                                       | Natural, Metal Free                       | 5,000    |
| 000MICR150                                                       | Natural                                   | 5,000    |
| 000MICR157                                                       | Red*                                      | 5,000    |
| 000MICRSTR                                                       | Natural, Sterile                          | 5,000    |
| 000MICR154                                                       | Yellow*                                   | 5,000    |
| <b>2.0ml Micorcentrifuge Tubes, 1, 500/pk</b>                    |                                           |          |
| 000MICR20A                                                       | Assorted Colors*                          | 5,000    |
| 000MICR208                                                       | Amber*                                    | 5,000    |
| 000MICR202                                                       | Blue*                                     | 5,000    |
| 000MICR206                                                       | Orange*                                   | 5,000    |
| 000MICR203                                                       | Green*                                    | 5,000    |
| 000MICR205                                                       | Lavendar*                                 | 5,000    |
| 000MICR200                                                       | Natural                                   | 5,000    |
| 000MICR207                                                       | Red*                                      | 5,000    |
| 000MICR204                                                       | Yellow*                                   | 5,000    |

## Specimen Collection - Premium



### STACTITE Premium Performance Specimen Container

- Premium performance
- Full turn thread
- Proven performance in pneumatic tube systems
- Precision molded polypropylene 120ml cup with rigid container wall is shatterproof and leak tight
- Easy-to-read, molded-in graduations in milliliters in 10ml increments
- Frosted write-on areas on cup and cap
- Sterile banded packaging is available. Sterility Band indicates cap has not been removed from cup since manufacture. Interior sterility ensured until peel-off plastic strip is removed
- Also available non-sterile

| Code                        | Description                                       | Qty/Case |
|-----------------------------|---------------------------------------------------|----------|
| <b>Specimen Cups</b>        |                                                   |          |
| 5001000600                  | STACTITE Container, 120ml, 500/pk, Non-Sterile    | 500      |
| 5001000601                  | STACTITE Cup Only 120ml, 500/pk, Non-Sterile      | 500      |
| 5001000602                  | STACTITE Cap Only 120ml, 500/pk, Non-Sterile      | 500      |
| <b>Banded Specimen Cups</b> |                                                   |          |
| 5002600100                  | STACTITE Container, 120ml, Sterile-Banded, 100/pk | 100      |
| 5002600250                  | STACTITE Container, 120ml, Sterile-Banded, 250/pk | 250      |

## Specimen Collection - General Purpose



### 4 oz (120ml) Specimen Container

- Meets the NCCLS Specimen Handling Guidelines for primary containers (M29-T2, ol.11, No.14)
- Full turn screw thread provides excellent leak-resistant seal
- Translucent polypropylene container is tough, durable, non-breakable and inert. Tolerates strong acids, bases and most organic solvents
- Sterile containers have an integrity seal or O.R. package
- The cup is graduated in both a U.S. and Metric scale

| Code       | Description                                                   | Qty/Case |
|------------|---------------------------------------------------------------|----------|
| 8889207026 | Sterile, Individually Wrapped (Green Cap with Integrity Seal) | 100      |
| 8889207034 | Non-Sterile, Bulk (Pre-Capped with White Cap)                 | 500      |
| 8889207067 | Sterile Bulk (Green Cap with Integrity Seal)                  | 100      |
| 8889207158 | Non-Sterile, 20 Sleeved Cups and 20 Bagged Lids (White Cap)   | 500      |
| 8889207182 | Sterile, Individually Wrapped (Green Cap with Integrity Seal) | 200      |
| 17199      | Sterile O.R. Packaged in Blister Pack (White Cap)             | 100      |
| 17299      | Sterile O.R. Packaged in Blister Pack (White Cap)             | 200      |

# PRECISION Specimen Containers



## PRECISION Specimen Containers - Snap Cap

- Allows for sterile specimen collection
- Protects against leakage
- Clearly marked gradients

| Code                                                                  | Description                                      | Qty/Case |
|-----------------------------------------------------------------------|--------------------------------------------------|----------|
| <i>High Value 13000 Series, 5 oz Graduated Containers - Snap Caps</i> |                                                  |          |
| 12400                                                                 | Non-sterile translucent container without caps   | 500      |
| 12500                                                                 | Non-sterile translucent container with snap caps | 400      |
| 12800                                                                 | Non-sterile snap caps for #12400                 | 500      |
| 13000                                                                 | Sterile, individually wrapped containers         | 200      |
| 13400                                                                 | Sterile, O.R. packaged containers with snap caps | 100      |



## PRECISION Specimen Containers

- Withstand most laboratory solutions including formaldehyde
- Compatible with boiling and freezing temperatures
- Made from unbreakable polyethylene
- Press-on lids

| Code       | Capacity |      | Qty/Case |
|------------|----------|------|----------|
|            | oz.      | ml   |          |
| 5004000004 | 4        | 118  | 250      |
| 5004000008 | 8        | 237  | 250      |
| 5004000016 | 16       | 474  | 100      |
| 5004000032 | 32       | 946  | 100      |
| 5004000064 | 64       | 1892 | 50       |
| 5004000083 | 83       | 2450 | 50       |
| 5004000165 | 165      | 4880 | 25       |

# Specimen Containers - Straight Walled



## LEAKTITE Specimen Containers

- Leak resistant specimen containers
- Medical grade virgin plastic cup - clarified polypropylene cap - polyethylene
- Shatter resistant polypropylene
- Optically clear cup
- Graduated on 3 sides
- Stable and stackable containers
- Tamper-evident sterility tab
- Freezable
- Suitable for transportation (even pneumatic tube systems)
- White caps distinguish non-sterile containers; Blue caps distinguish sterile containers

| Code       | Description                                            | Qty/Case |
|------------|--------------------------------------------------------|----------|
| 5003000020 | Non-Sterile, LEAKTITE Container, 20ml, White Cap       | 1,000    |
| 5003000040 | Non-Sterile, LEAKTITE Container, 40ml, White Cap       | 600      |
| 5003000060 | Non-Sterile, LEAKTITE Container, 60ml, White Cap       | 500      |
| 500300006S | Sterile, LEAKTITE Container, 60ml, Blue Cap            | 500      |
| 5003000090 | Non-Sterile, LEAKTITE Container, 90ml, White Cap       | 400      |
| 500300009S | Sterile, LEAKTITE Container, 90ml, Blue Cap            | 400      |
| 5003000120 | Non-Sterile, LEAKTITE Container, 120ml, White Cap      | 300      |
| 500300012S | Sterile, LEAKTITE Container, 120ml, Blue Cap           | 300      |
| 5003000W90 | Non-Sterile, LEAKTITE Container, 90ml, Wide, White Cap | 400      |
| 5003000W9S | Sterile, LEAKTITE Container, 90ml, Wide, Blue Cap      | 400      |



## STERILE SPECIMEN CONTAINERS

- Minimize chances of leakage and prevent loss of specimen
- Meet NCCLS standards
- Clear plastic construction with graduations offers easy observation and measurement of contents
- Highly visible "positive seal" indicator clearly shows container is sealed when red bars are lined up
- Exclusive metal lid with plastisol lining provides a leak resistant seal to minimize leakage of specimen during transportation

| Code   | Description                                                            | Qty/Case |
|--------|------------------------------------------------------------------------|----------|
| 2600SA | Operating Room Sterile Specimen Container, 5 oz (in blister packaging) | 100      |
| 2210SA | Sterile Specimen Container, 2 oz                                       | 200      |
| 2300SA | Sterile Specimen Container, 5 oz (w/wide mouth)                        | 200      |
| 2200SA | Sterile Specimen Container, 5 oz (4 dispenser boxes of 50 each)        | 200      |
| 2201SA | Sterile Specimen Container, 5 oz (8 dispenser boxes of 25 each)        | 200      |
| 2205SA | Sterile Specimen Container, 5 oz without "positive seal" indicator     | 400      |

# Transport Tubes

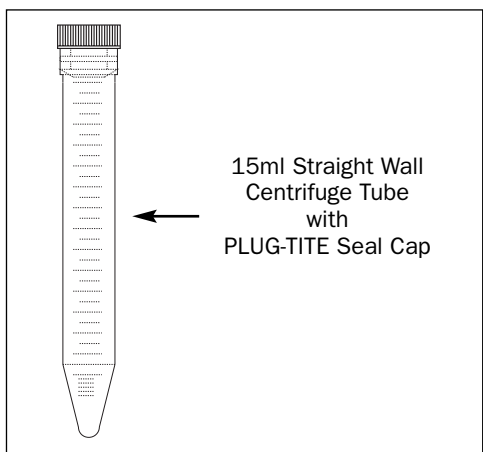
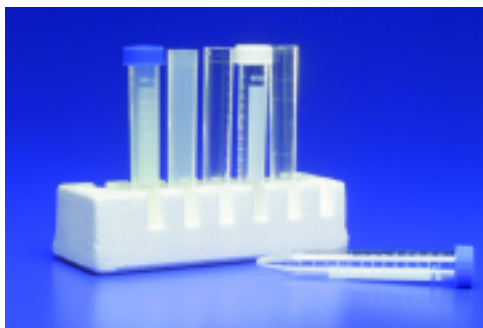


## Transport Tubes

- 5.0ml, 10.0ml and 50.0ml sizes
- Leakproof blue threaded plug seal screw cap for 5ml tube
- Leakproof flat top blue linerless screw cap for 5ml and 10ml
- Printed or molded-in graduations
- Available sterile or non-sterile
- Shatter proof polypropylene tubes with polyethylene caps
- Free-standing with conical bottom

| Code                                                                               | Description                                                 | Qty/Case |
|------------------------------------------------------------------------------------|-------------------------------------------------------------|----------|
| <b>5ml Transport Tube Nominal Length 2.23" (56.6mm)</b>                            |                                                             |          |
| <i>Molded-in Graduations</i>                                                       |                                                             |          |
| 127T160560                                                                         | 5ml Tube with Cap, 1,000/pk                                 | 1,000    |
| 1270160560                                                                         | 5ml Tube without Cap, 1,000/pk                              | 1,000    |
| 1270160CAP                                                                         | Cap for 5ml/10ml Tubes, 1,000/pk                            | 1,000    |
| <b>5ml Transport Tube Nominal Length 2.23" (56.6mm)</b>                            |                                                             |          |
| <i>Printed Graduations</i>                                                         |                                                             |          |
| 127T16056P                                                                         | 5ml Tube with Cap, 1,000/pk                                 | 1,000    |
| 127C16056S                                                                         | 5ml Tube Pre-Capped, 500/pk, Sterile                        | 500      |
| <b>10ml Transport Tube Nominal Length 3.71" (94.17mm)</b>                          |                                                             |          |
| <i>Molded-in Graduations</i>                                                       |                                                             |          |
| 127T160930                                                                         | 10ml Tube with Cap 1,000/pk                                 | 1,000    |
| 1270160930                                                                         | 10ml Tube without Cap 1,000/pk                              | 1,000    |
| 1270160CAP                                                                         | Cap for 5ml/10ml Tubes, 1,000/pk                            | 1,000    |
| <b>10ml Transport Tube Nominal Length 3.71" (94.17mm)</b>                          |                                                             |          |
| <i>Printed Graduations</i>                                                         |                                                             |          |
| 127T16093P                                                                         | 10ml Tube with Cap, 1,000/pk                                | 1,000    |
| 127C16093S                                                                         | 10ml Tube Pre-Capped, 500/pk, Sterile                       | 500      |
| <b>50ml Transport Tube with Freestanding Base Nominal Length 4.625" (117.39mm)</b> |                                                             |          |
| <i>Molded-in Graduations</i>                                                       |                                                             |          |
| 0002093000                                                                         | 50ml Tube with Blue Plug Screw Cap, 50/Box, 500/pk          | 500      |
| 0002093STR                                                                         | 50ml Tube with Blue Plug Screw Cap, 25/Box, 500/pk, Sterile | 500      |
| <b>50ml Transport Tube with Freestanding Base Nominal Length 4.625" (117.39mm)</b> |                                                             |          |
| <i>Printed Graduations</i>                                                         |                                                             |          |
| 000209300P                                                                         | 50ml Tube with Blue Plug Screw Cap, 50/Box, 500/pk          | 500      |

# Centrifuge Tubes



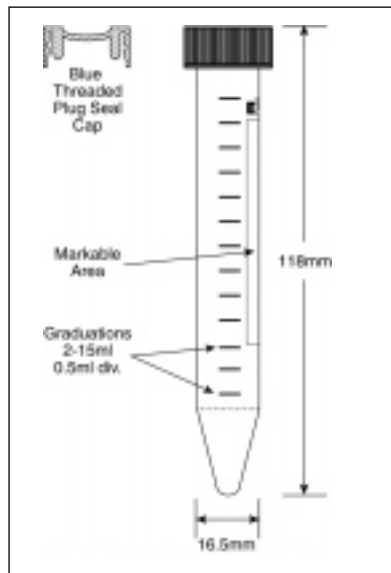
## 15ml Non-Sterile Centrifuge Tubes

- Available in threaded and non-threaded versions, printed or unprinted
- Available in SUPER-VU polypropylene for better chemical resistance and greater strength or ULTRA-VU polystyrene for best optical clarity
- 15ml size = 118.0mm x 16.5mm
- ULTRA-VU polystyrene tubes are designed to withstand up to 1800 RCF; SUPER-VU polypropylene up to 6250 RCF
- Large write-on area for easy sample identification
- Printed or molded in graduations show increments of 0.1ml from 0-1ml, then increments of 0.5ml from 1-15ml
- Choice of caps:
  - Blue Plug Seal Screw Cap - one piece, polyethylene, leak-resistant caps
  - Natural Color Plug Seal Screw Cap - used with Metal-Free 15ml tube, polyethylene, flat top for write-on or label
  - PLUG-TITE Flange Cap - for straight wall tubes, polyethylene flat top for write-on or label
  - White TITSEAL Screw Cap - linerless, polyethylene, flat top for write-on or label

| Code                                                                                                                     | Description                                            | Qty/Case |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------|
| <b>15ml Non-Sterile Centrifuge Tubes Molded-in Graduations on Straight Wall (Unthreaded) without Cap - Polystyrene</b>   |                                                        |          |
| 000BULK150                                                                                                               | 15ml Tube, Bulk                                        | 1,000    |
| <b>15ml Non-Sterile Centrifuge Tubes Molded-in Graduations on Straight Wall (Unthreaded) without Cap - Polypropylene</b> |                                                        |          |
| 0000000151                                                                                                               | 15ml Tube, 100/Box                                     | 1,000    |
| 000BULK151                                                                                                               | 15ml Tube, Bulk                                        | 1,000    |
| <b>Cap for Straight Wall 15ml Centrifuge Tubes</b>                                                                       |                                                        |          |
| 1270019200                                                                                                               | Plug Flange Cap 16mm, Natural                          | 10,000   |
| <b>Molded-in Graduations on Screw Cap Tubes - Polypropylene</b>                                                          |                                                        |          |
| 0002088000                                                                                                               | 15ml Tube with Blue Plug Seal Screw Cap, Bulk          | 1,000    |
| 0002086000                                                                                                               | 15ml Tube with Natural Plug Seal Screw Cap, Metal Free | 1,000    |
| 00W2088000                                                                                                               | 15ml Tube with White Tite Seal Cap                     | 1,000    |
| <b>Printed Graduations on Screw Cap Tubes - Polystyrene</b>                                                              |                                                        |          |
| 000208700P                                                                                                               | 15ml Tube with White Screw Cap, Bulk                   | 1,000    |
| <b>Printed Graduations on Screw Cap Tubes - Polypropylene</b>                                                            |                                                        |          |
| 000208800P                                                                                                               | 15ml Tube with Blue Plug Screw Cap, Bulk               | 1,000    |



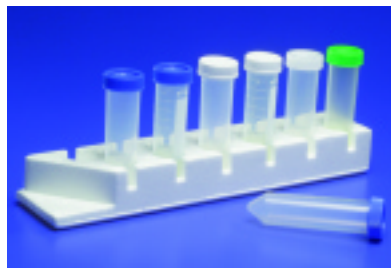
# Centrifuge Tubes



## 15ml Sterile Centrifuge Tubes

- Sterilized by irradiation in accordance with AAMI Guidelines
- Available in bags or CENTRI-PACK Racks
- CENTRI-PACK Racks are made of recyclable, expanded polystyrene foam. Each slot is numbered and the rack can be snapped apart to form individual work stations
- CENTRI-PACK Racks are shipped in tamper evident zip-seal bags

| Code                                                           | Description                 | Qty/Case |
|----------------------------------------------------------------|-----------------------------|----------|
| <b>Molded-in Graduations on Blue Plug Seal Screw Cap Tubes</b> |                             |          |
| 0002083STR                                                     | 15ml Polystyrene, 25/Box    | 1,000    |
| 0002099STR                                                     | 15ml Polystyrene, 50/Rack   | 500      |
| 0002081STR                                                     | 15ml Polypropylene, 25/Box  | 1,000    |
| 0002098STR                                                     | 15ml Polypropylene, 50/Rack | 500      |
| <b>Molded Graduations on White TITSEAL Screw Cap</b>           |                             |          |
| 00W2099STR                                                     | 15ml Polystyrene            | 500      |
| <b>Printed Graduations on Blue Plug Seal Screw Cap Tubes</b>   |                             |          |
| 0002099STP                                                     | 15ml Polystyrene, 50/Rack   | 500      |
| 0002083STP                                                     | 15ml Polystyrene, 25/Box    | 1,000    |
| 0002098STP                                                     | 15ml Polypropylene, 50/Rack | 500      |
| 0002081STP                                                     | 15ml Polypropylene, 25/Box  | 1,000    |
| <b>Printed Graduations on White TITSEAL Screw Cap</b>          |                             |          |
| 00W2098STP                                                     | 15ml Polypropylene          | 500      |
| 00W2099STP                                                     | 15ml Polystyrene            | 500      |



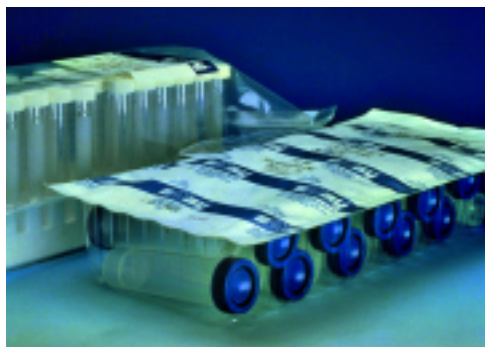
## 50ml Non-Sterile Centrifuge Tubes, ELKAY Brand

- SUPER-VU polypropylene tubes provide greater chemical resistance and strength
- 50ml size = 116 x 29mm
- Choice of conical bottom with or without freestanding base
- Printed or molded-in graduations show increments of 2.5ml from 0-10ml, then increments of 5ml from 10-50ml
- Large write-on area for easy sample identification
- Choice of screw caps:
- Blue Plug Seal Screw Cap - one piece, polyethylene, leak-resistant caps
- Natural Plug Seal Screw Cap - used with Metal-Free 50ml tube
- White TITSEAL Screw Cap - linerless, polyethylene, flat top for write-on or label

| Code                                                                           | Description                                          | Qty/Case |
|--------------------------------------------------------------------------------|------------------------------------------------------|----------|
| <b>Molded-in Graduations of SUPER-VU Polypropylene without Base</b>            |                                                      |          |
| 0002092000                                                                     | 50ml Tube with Blue Screw Cap, Bulk, 500/pk          | 500      |
| 0002096000                                                                     | 50ml Tube with Natural Screw Cap, Metal Free, 500/pk | 500      |
| <b>Molded-in Graduations of SUPER-VU Polypropylene with Free-Standing Base</b> |                                                      |          |
| 0002093000                                                                     | 50ml Tube with Blue Screw Cap, 50/Box, 500/pk        | 500      |
| <b>Printed Graduations of SUPER-VU Polypropylene without Base</b>              |                                                      |          |
| 000209200P                                                                     | 50ml Tube with Blue Screw Cap, Bulk 500              | 500      |
| <b>Printed Graduations of SUPER-VU Polypropylene with Free-Standing Base</b>   |                                                      |          |
| 000209300P                                                                     | 50ml Tube with Blue Screw Cap, 50/Box, 500/pk        | 500      |

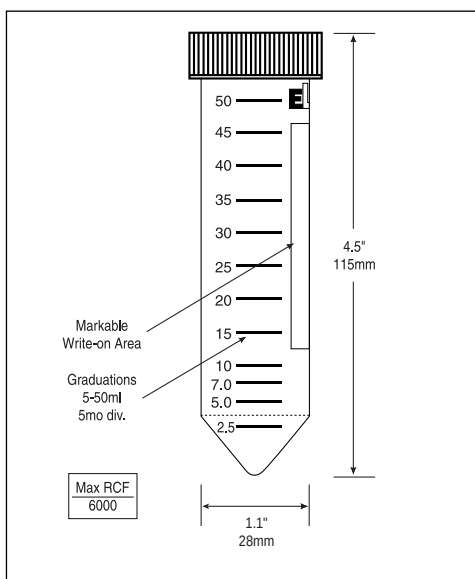


# Centrifuge Tubes and Racks



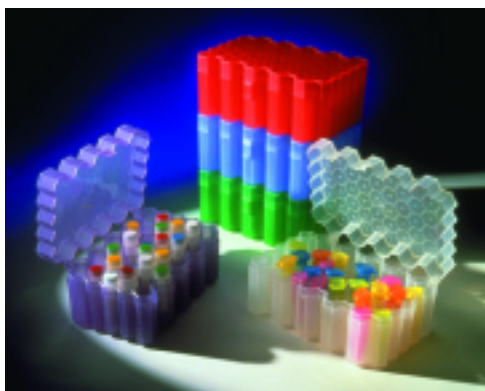
## 50ml Centrifuge Tubes – Sterile

- Sterilized by irradiation in accordance with AAMI Guidelines
- Two packaging configurations: Bags and CENTRI-PACK Racks
- CENTRI-PACK Racks are made of recyclable expanded polystyrene foam
- Each slot is numbered, and racks can be snapped apart to form individual work stations
- May be stored in low temperature conditions in re-closable, zip-seal bags



ELKAY 50ml Centrifuge Tubes are available in SUPER-VU polypropylene for greater chemical resistance and increased strength.

| Code                                                                                    | Description                            | Qty/Case |
|-----------------------------------------------------------------------------------------|----------------------------------------|----------|
| <b>Molded-in Graduations on SUPER-VU Polypropylene without Base, Sterile</b>            |                                        |          |
| 0002082STR                                                                              | 50ml Tube with Blue Screw Cap, 25/Box  | 500      |
| 0002090STR                                                                              | 50ml Tube with Blue Screw Cap, 25/Rack | 500      |
| <b>Molded-in Graduations on SUPER-VU Polypropylene with Free-Standing Base, Sterile</b> |                                        |          |
| 0002093STR                                                                              | 50ml Tube with Blue Screw Cap, 25/Box  | 500      |
| <b>Printed Graduations on SUPER-VU Polypropylene without Base, Sterile</b>              |                                        |          |
| 0002082STP                                                                              | 50ml Tube with Blue Screw Cap, 25/Box  | 500      |
| 0002090STP                                                                              | 50ml Tube with Blue Screw Cap, 25/Rack | 500      |



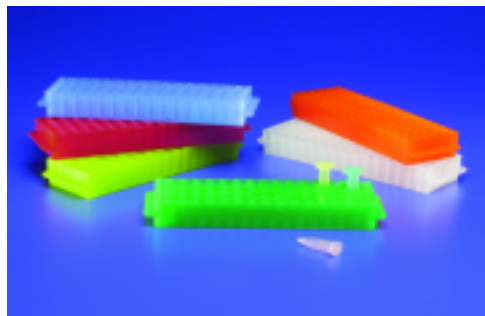
## HEXACASE Storage System

- For storage, transport, incubation and freezing. Holds 50 microcentrifuge tubes or vials, up to 2" high. Reusable. Autoclavable. Polypropylene withstands boiling, freezing and storage in liquid nitrogen.
- Reinforced outer walls provide increased sample protection. Numeric Indexing allows instantaneous sample identification. Vents at the base of each and every well aid submersion in liquids.
- Detachable, smooth-motion, one-way fitting, male-female hinges and "Safe-Snap" closures guarantee simple, secure, error-free, one-hand manipulation.
- Molded "feet" allow easy, safe vertical stacking. "Tongue-and-groove" matings on two sides offer secure fastening of multiple cases for increased capacities.

| HexaCase Dimensions |        |        |
|---------------------|--------|--------|
|                     | Inches | mm     |
| Length              | 5.04   | 110.88 |
| Width               | 3.15   | 69.30  |
| Height              | 2.24   | 49.28  |

| Code       | Description                                    | Qty/Case |
|------------|------------------------------------------------|----------|
| 000HXCSAST | HEXACASE Storage System, Assorted Colors, 5/pk | 50       |
| 000HXCS052 | HEXACASE Storage System, Blue, 5/pk            | 50       |
| 000HXCS053 | HEXACASE Storage System, Green, 5/pk           | 50       |
| 000HXCS054 | HEXACASE Storage System, Violet, 5/pk          | 50       |

# Microcentrifuge Tube Racks



## 80-Hole Microcentrifuge Tube Rack & Collection Plate

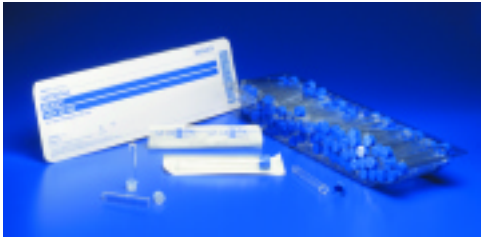
- For sample storage of microcentrifuge tubes, including 2.0ml size
- Conical bottoms are ideal for fraction collection directly into the wells
- Available in natural and a wide variety of translucent and fluorescent colors
- Manufactured from durable polypropylene that withstands autoclaving and freezing
- Well dimensions: 0.99" (25.13 mm) H x 0.465" (11.80mm) D

| Code       | Description                 | Qty/Case |
|------------|-----------------------------|----------|
| 000008000B | 80-Hole MCT Rack, Blue 5    | 25       |
| 000008000N | 80-Hole MCT Rack, Natural 5 | 25       |
| 000008000R | 80-Hole MCT Rack, Red 5     | 25       |
| 000008000Y | 80-Hole MCT Rack, Yellow 5  | 25       |

## 40-Hole Microtube Rack

- 40-position.
- High impact blue polystyrene rack.
- For storage and transport of 1.5 and 2.0ml microcentrifuge tubes.

| Code       | Description      | Qty/Case |
|------------|------------------|----------|
| 8885119738 | 40-Hole MCT Rack | 25       |



## Sterile Culture Tubes

- ELKAY Sterile Culture Tubes are irradiated in hermetically sealed packaging, ensuring sterility
- Reliability: Sterile culture tubes come in individual peel-apart sterile wraps or sterile tray packs
- Irradiated: Tested in accordance with AAMI Guidelines; lot-to-lot traceability of every product
- Choice of Materials: Polystyrene provides best optical clarity. Polypropylene provides chemical resistance. Both materials are biologically inert and chemical free.
- Range of sizes from 10 x 75mm to 17 x 100mm
- Custom Printing available

| Code                                       | Description                                         | Nominal Capacity (ml) | Qty/Case |
|--------------------------------------------|-----------------------------------------------------|-----------------------|----------|
| <i>Polystyrene Sterile Culture Tubes</i>   |                                                     |                       |          |
| 0002003STR                                 | 12 x 75mm With Press Snap Cap, Individually Wrapped | 5.4                   | 500      |
| 0002052STR                                 | 12 x 75 Without Cap, 125/Tray                       | 5.4                   | 1,000    |
| 0002054STR                                 | 12 x 75 With Press Snap Cap, 125/Tray               | 5.4                   | 1,000    |
| 0002058STR                                 | 12 x 75 With Press Snap Cap, 25/Tray                | 5.4                   | 500      |
| 0002027STR                                 | 13 x 100 With Screw Cap, 125/Tray                   | 8.6                   | 1,000    |
| 0002037STR                                 | 16 x 125 With Screw Cap, Individually Wrapped       | 16.0                  | 500      |
| 0002025STR                                 | 16 x 125 With Screw Cap, 125/Tray                   | 16.0                  | 1,000    |
| 0002045STR                                 | 16 x 150 With Screw Cap, Individually Wrapped       | 19.5                  | 500      |
| 0002001STR                                 | 17 x 100 With Press Snap Cap, Individually Wrapped  | 14.9                  | 500      |
| 0002057STR                                 | 17 x 100 With Press Snap Cap, 25/Tray               | 14.9                  | 500      |
| 0002051STR                                 | 17 x 100 With Snap Cap, 125/Tray                    | 14.9                  | 1,000    |
| <i>Polypropylene Sterile Culture Tubes</i> |                                                     |                       |          |
| 0002005STR                                 | 12 x 75mm With Press Snap Cap, Individually Wrapped | 5.5                   | 500      |
| 0002053STR                                 | 12 x 75 Without Cap, 125/Tray                       | 5.5                   | 1,000    |
| 0002063STR                                 | 12 x 75 With Press Snap Cap, 25/Tray                | 5.5                   | 500      |
| 0002059STR                                 | 17 x 100 With Press Snap Cap, 25/Tray               | 14.4                  | 500      |
| 0002006STR                                 | 17 x 100 With Press Snap Cap, Individually Wrapped  | 14.4                  | 500      |

# Test Tubes



## Multi-Use Test Tubes

- ELKAY Test Tubes are precision molded from premium grade materials for reliable performance
- ELKAY's highest quality, 12 x 75mm Polypropylene Test Tubes are available in convenient packaging
- Choice of Materials: Polystyrene for clarity or Polypropylene for better chemical resistance
- Sizes from 10 x 65mm to 17 x 100mm
- Sample Integrity: Chemical free, inert materials minimize contamination risk
- Reliable, Consistent Performance: Tube dimensions and lot-to-lot uniformity are continuously monitored by stringent quality control checks
- Durable-impact strength is enhanced by heavy wall thickness
- Round Bottom-for easy sample removal
- See complete line of caps (*See pages 27-29*)
- Custom Printing available

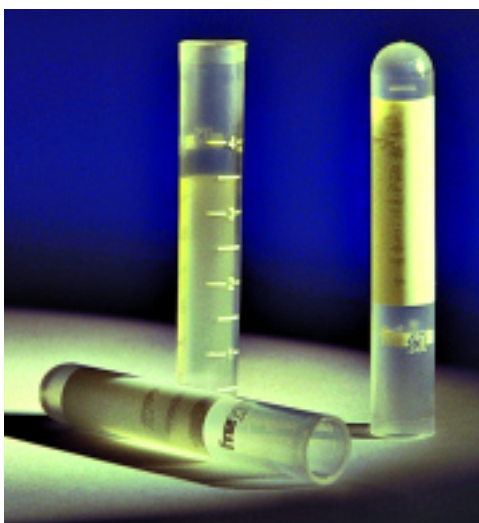
| Code                            | Description                                     | Nominal Capacity (ml) | Qty/Case |
|---------------------------------|-------------------------------------------------|-----------------------|----------|
| <i>Polystyrene Test Tubes</i>   |                                                 |                       |          |
| 0002055500                      | 12 x 55mm Without Cap, 4 x 250/Bag              | 3.8                   | 1,000    |
| 0002054000                      | 12 x 75mm With Press Snap Cap, 1,000/pk         | 5.4                   | 1,000    |
| 0002027NST                      | 13 x 100mm Threaded With Screw Cap, 4 x 250/Bag | 8.6                   | 1,000    |
| 0002016000                      | 16 x 100mm Without Cap, 4 x 250/Bag             | 12.0                  | 1,000    |
| 0002045NST                      | 16 x 150mm Threaded With Screw Cap, 4 X 250/Bag | 19.5                  | 1,000    |
| 0002017001                      | 17 x 100mm Without Cap, 4 x 250/Bag             | 14.9                  | 1,000    |
| <i>Polypropylene Test Tubes</i> |                                                 |                       |          |
| 0002063000                      | 12 x 75mm With Press Snap Cap, 1,000/pk         | 5.2                   | 1,000    |
| 0002026001                      | 13 x 100mm Without Cap, 4 x 250/Bag             | 8.5                   | 1,000    |
| 0002024001                      | 16 x 125mm Without Cap, 2 x 500/Bag             | 17.4                  | 1,000    |
| 0002018001                      | 17 x 100mm Without Cap, 4 x 250/Bag             | 14.4                  | 1,000    |



## Oriented Box Pack Test Tubes

- ELKAY highest quality, 12 x 75mm and 13 x 100mm Polystyrene and Polypropylene Test Tubes are available in convenient packaging
- All tubes are oriented in one direction for ease of use
- Convenient packaging for storage and use, 250/Box
- Box packaging minimizes scratches and damage during transit
- Reclosable box protects unused tubes
- Custom labeling available
- Generic - ready for your labeling

| Code                              | Description                 | Nominal Capacity (ml) | Qty/Case |
|-----------------------------------|-----------------------------|-----------------------|----------|
| <b>Polystyrene, without cap</b>   |                             |                       |          |
| 0002052BX1                        | 12 x 75mm Tube, 4 x 250/box | 5.4                   | 1,000    |
| 0002025BX1                        | 13 x 100 Tube, 4 x 250/box  | 8.6                   | 1,000    |
| <b>Polypropylene, without cap</b> |                             |                       |          |
| 0002053BX1                        | 12 x 75mm Tube, 4 x 250/box | 5.5                   | 1,000    |
| 0002026BX1                        | 13 x 100 Tube, 4 x 250/box  | 8.5                   | 1,000    |



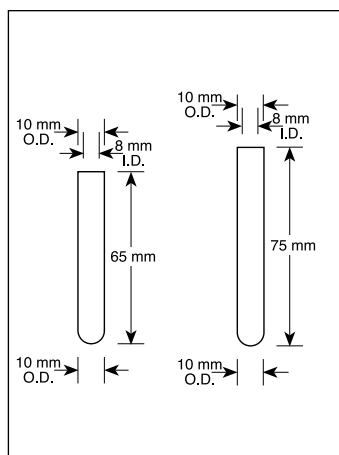
## Printed Test Tubes

- Printed volume graduations
- Large write-on areas
- PLUG-TITE caps available (*See page 28*)
- ELKAY highest quality, 12 x 75mm and 13 x 100mm Polystyrene and Polypropylene Test Tubes are available in convenient packaging

| Code       | Description                                           | Nominal Capacity (ml) | Qty/Case |
|------------|-------------------------------------------------------|-----------------------|----------|
| 0002053P01 | 12 x 75mm Polypropylene Tube Without Cap, 4 x 250/box | 5.5                   | 1,000    |
| 0002052P01 | 12 x 75mm Polystyrene Tube Without Cap, 4 x 250/box   | 5.5                   | 1,000    |

# Test Tubes

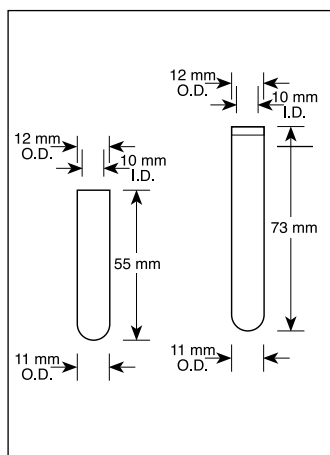
## 10mm Diameter



0002039001

0002038001

## 12mm Diameter

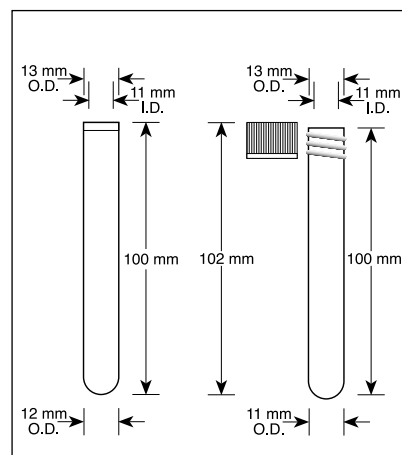


0002055500

0002052001

0002053001

## 13mm Diameter



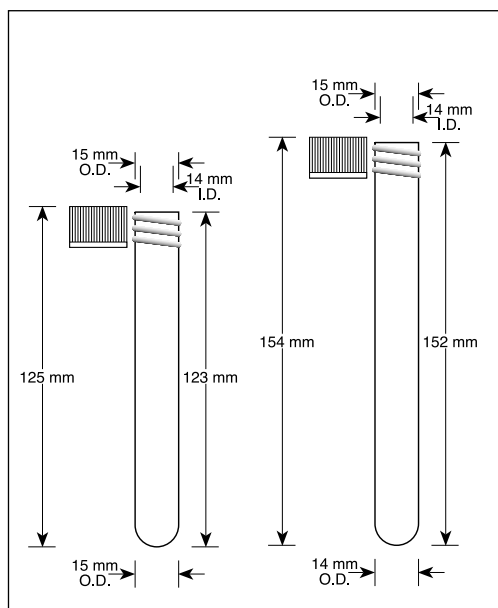
00020250001

0002026001

0002027NST

0002027STR

## 15mm Diameter

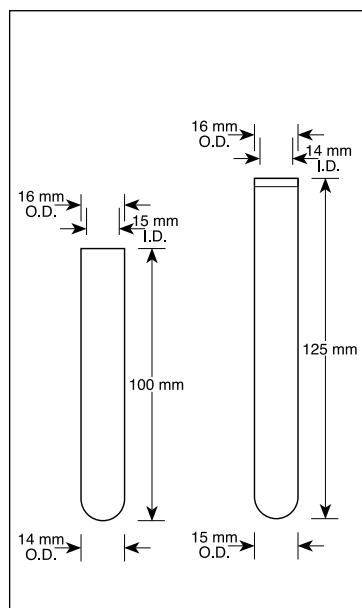


0002016000

0002023001

0002024001

## 16mm Diameter



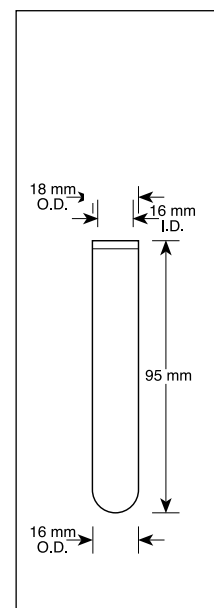
0002037NST

0002037STR

0002045NST

0002045STR

## 18mm Diameter

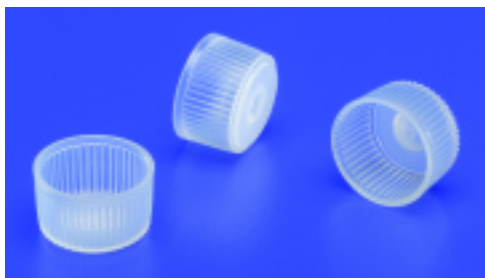


0002017001

0002018001

Test tube drawings are not to scale.

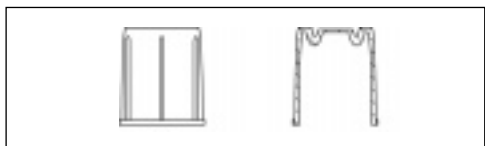




## Press Overfit Caps

- ELKAY Caps are precision molded from low-density polyethylene to provide tight seals on test tubes, sample cups, centrifuge tubes and cuvettes.
- Easily fits over the outer rim of sample cups and test tubes.
- One size fits a variety of products.

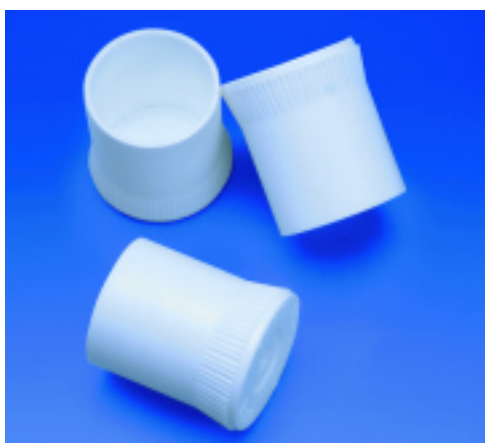
| Code                                                                       | Description         | Nom. Contact Dia. |      | Qty/Case |
|----------------------------------------------------------------------------|---------------------|-------------------|------|----------|
|                                                                            |                     | inches            | mm   |          |
| <i>For use with: 0.25, 0.5 and 2.0ml Sample Cups &amp; 13 x 100mm Tube</i> |                     |                   |      |          |
| 1270019000                                                                 | Press Overfit Small |                   |      |          |
|                                                                            | Natural, 1,000 pk   | 17/32             | 13.6 | 10,000   |



## Press Snap Caps

- Fit onto test tubes and provide a unique, two-position closure
- Applied loosely, the cap provides tube cover while maintaining aerobic conditions
- Pressed and snapped on completely, it provides an airtight seal
- Ideal for bacterial cultures; two sizes in two colors available

| Code                                           | Description                         | Nom. Contact Dia. |      | Qty/Case |
|------------------------------------------------|-------------------------------------|-------------------|------|----------|
|                                                |                                     | inches            | mm   |          |
| <i>For use with 17 x 100mm Styrene Tubes</i>   |                                     |                   |      |          |
| 0002030000                                     | Press Snap Cap<br>Natural, 1,000/pk | 5/8               | 15.8 | 5,000    |
| <i>For use with 17 x 100mm Propylene Tubes</i> |                                     |                   |      |          |
| 0002031000                                     | Press Snap Cap<br>Blue, 1,000/pk    | 39/64             | 15.4 | 5,000    |
| <i>For use with 12 x 75mm Styrene Tubes</i>    |                                     |                   |      |          |
| 0002032000                                     | Press Snap Cap<br>Natural, 1,000/pk | 27/64             | 10.6 | 10,000   |
| <i>For use with 12 x 75mm Propylene Tubes</i>  |                                     |                   |      |          |
| 0002032PRO                                     | Press Snap Cap<br>Blue, 1,000/pk    | 27/64             | 10.6 | 10,000   |



## BACTI-CAPALL Culture Tube Caps, Polypropylene

- Firm fitting, autoclavable, white culture tube cap
- Permits gas exchange between tube and atmosphere
- Limits loss of media by evaporation
- Knurled edges facilitate handling
- Flat top for write-on sample identification or for label

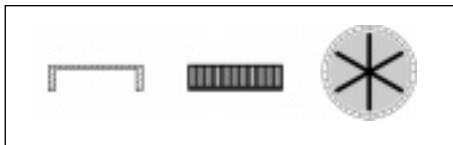
| Code       | Fits Tube O.D. | Qty/Case  |
|------------|----------------|-----------|
| 8889211200 | 13mm           | 1000/case |
| 8889211408 | 16mm           | 1000/case |
| 8889211606 | 18mm           | 1000/case |

# Caps



## EZEE-PERF Caps

- Features slotted top allowing cap penetration and sample aspiration while minimizing evaporation
- For use with 0.25ml to 2.0ml ELKAY Sample Cups. (See page 30 for information on sample cups)
- Ideal for use with many automated chemistry analyzers

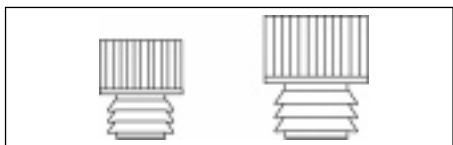


| Code                                      | Description                       | Nom. Contact Dia. |      | Qty/Case |
|-------------------------------------------|-----------------------------------|-------------------|------|----------|
|                                           |                                   | inches            | mm   |          |
| For use with 0.25, 0.5, 2.0ml Sample Cups |                                   |                   |      |          |
| 1270019300                                | EZEE-PERF Cap, Natural, 1,000 /pk | 17/32             | 13.6 | 10,000   |
| 1270019302                                | EZEE-PERF Cap, Blue, 1,000 /pk    | 17/32             | 13.6 | 10,000   |



## Ribbed PLUG-TITE Caps

- Fits into test tubes (See page 24 for information on test tubes)
- Seal is accomplished by parallel rings on the lower portion of the cap
- New zip seal packaging
- Two sizes available
- For use with polystyrene or polypropylene tubes only

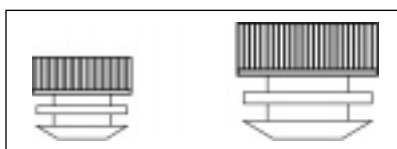


| Code                                | Description                                | Qty/Case |
|-------------------------------------|--------------------------------------------|----------|
| <i>For use with 12 x 75mm Tubes</i> |                                            |          |
| 1270301421                          | Plug Rib Cap, Small 12mm Natural, 1,000/pk | 10,000   |
| <i>For use with 12 x 75mm Tubes</i> |                                            |          |
| 127030142R                          | Plug Rib Cap Small 12mm Red, 1,000/pk      | 10,000   |

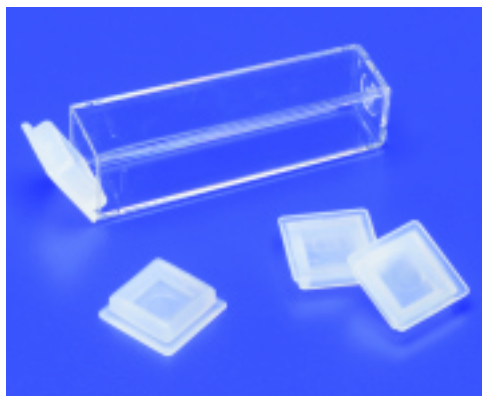


## Flange PLUG-TITE Caps

- Fit into test tubes, centrifuge tubes and round cuvettes
- Employs two flexible flanges to seal the tube



|                                                                                    |                         | Nom.   | Contact Dia. |          |
|------------------------------------------------------------------------------------|-------------------------|--------|--------------|----------|
| Code                                                                               | Description             | inches | mm           | Qty/Case |
| For use with 12 x 75mm Tubes and Micro Square Cuvettes Plug Flange Cap             |                         |        |              |          |
| 1270019100                                                                         | 12mm Natural, 1,000/pk  | 15/32  | 12.0         | 10,000   |
| 1270019101                                                                         | 12mm Red, 1,000/pk      | 15/32  | 12.0         | 10,000   |
| 1270019102                                                                         | 12mm Blue, 1,000/pk     | 15/32  | 12.0         | 10,000   |
| 1270019103                                                                         | 12mm Green, 1,000/pk    | 15/32  | 12.0         | 10,000   |
| 1270019104                                                                         | 12mm Yellow, 1,000/pk   | 15/32  | 12.0         | 10,000   |
| 1270019105                                                                         | 12mm Org, 1,000/pk      | 15/32  | 12.0         | 10,000   |
| 1270019AST                                                                         | 12mm Assorted, 1,000/pk | 15/32  | 12.0         | 10,000   |
| For use with 13 x 100mm Tubes                                                      |                         |        |              |          |
| 1270019130                                                                         | 13mm Natural, 1,000/pk  | 15/32  | 13.0         | 10,000   |
| For use with 16 x 125mm Tubes, 4mL Sample Cups, 15ml Non-threaded Centrifuge Tubes |                         |        |              |          |
| 1270019200                                                                         | 16mm Natural, 1,000/pk  | 39/64  | 15.4         | 10,000   |



## Square Cuvette Caps

- Designed to securely seal 10mm four-sided square cuvettes  
(See page 37 for information on Cuvettes)

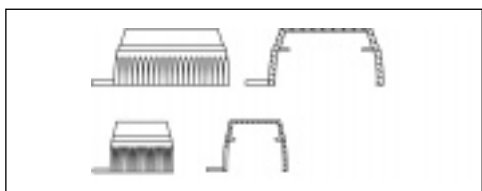


| Code                               | Description                | Nom. Contact Dia. |      | Qty/Case |
|------------------------------------|----------------------------|-------------------|------|----------|
|                                    |                            | inches            | mm   |          |
| <i>For use with Square Cuvette</i> |                            |                   |      |          |
| 271010004                          | Polyethylene Cuvette 1,000 | 13/32             | 10.4 | 10,000   |



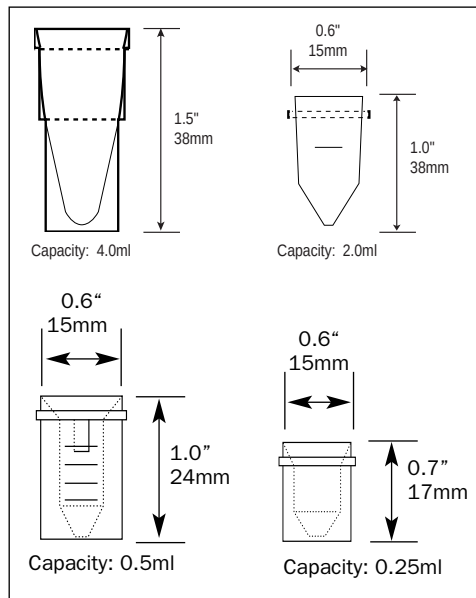
## EZEE TOPPER Caps

- Designed for easy-on, easy-off use; exclusive thumb tab makes cap removal simple, quick and fatigue free.
- Available in seven colors which match the original blood tube stopper.
- Supplied in a convenient, re-closable, polybag-lined dispenser box; ideal for bench top use.
- ELKAY 13mm EZEE TOPPER Caps fit 13mm glass evacuated blood collection tubes and ELKAY 12mm plastic test tubes.
- ELKAY 16mm EZEE TOPPER Caps fit 16mm glass evacuated blood collection tubes.
- **CAUTION!**  
13mm and 16mm EZEE TOPPER Caps are not to be used with glass culture tubes. These caps are designed to be used with glass blood collection tubes.



| Code                   | Description             | Qty/Case |
|------------------------|-------------------------|----------|
| <i>EZEE TOPPER Cap</i> |                         |          |
| 1270019500             | 13mm White, 1,000/pk    | 10,000   |
| 1270019501             | 13mm Red, 1,000/pk      | 10,000   |
| 1270019502             | 13mm Blue, 1,000/pk     | 10,000   |
| 1270019503             | 13mm Green, 1,000/pk    | 10,000   |
| 1270019504             | 13mm Yellow, 1,000/pk   | 10,000   |
| 1270019505             | 13mm Lavender, 1,000/pk | 10,000   |
| 1270019506             | 13mm Grey, 1,000/pk     | 10,000   |
| 1270019400             | 16mm White, 1,000/pk    | 10,000   |
| 1270019401             | 16mm Red, 1,000/pk      | 10,000   |
| 1270019402             | 16mm Blue, 1,000/pk     | 10,000   |
| 1270019403             | 16mm Green, 1,000/pk    | 10,000   |
| 1270019404             | 16mm Yellow, 1,000/pk   | 10,000   |
| 1270019405             | 16mm Lavender, 1,000/pk | 10,000   |
| 1270019406             | 16mm Grey, 1,000/pk     | 10,000   |

# Sample Cups



## Multi-Purpose Sample Cups

- Sizes from 0.25ml to 4ml
- Two styles of caps available (*See pages 27-28*)
- 0.25ml and 0.5ml cups for use on CENTRIFICHEM, TECHNICON, AUTO-ANALYZERS, Johnson & Johnson VITROS Systems
- 2.0ml cups for use on TECHNICON AUTO-ANALYZERS, Johnson & Johnson VITROS Systems
- 4.0ml cups for use on TECHNICON AUTO-ANALYZERS and OLYMPUS analyzers
- Custom designs are available to your OEM specifications

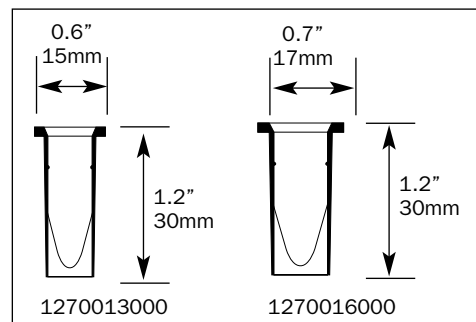
ELKAY Sample Cups are precision molded with graduations and conical bottoms for efficient aspiration.

| Code       | Description                           | Qty/Case |
|------------|---------------------------------------|----------|
| 1270500770 | 0.25ml 1,000/Pack                     | 10,000   |
| 1270093000 | 0.5ml Micro Natural 1,000/Pack        | 10,000   |
| 1270093DRM | 0.5ml Micro Drum 10k/Drum             | 10,000   |
| 1270090000 | 2.0ml Conical Natural 1,000/Pack      | 10,000   |
| 1270090100 | 2.0ml Conical Polyethylene 1,000/Pack | 10,000   |
| 1270090DRM | 2.0ml Conical Drum 10k/Drum           | 10,000   |
| 1270018000 | 4.0ml Polystyrene 1,000/Pack          | 5,000    |



## EZEE-NEST Sample Cups

- Samples are poured from blood collection tubes into the cup which is immediately placed inside the tubes, eliminating the need to relabel
- Lower shoulder height prevents mechanical jamming of the instrument sample arm against the cup
- 2.0ml cup for use with 16mm blood collection tubes on the HITACHI 700 Series and 911, Johnson & Johnson VITROS Systems and the DuPont DIMENSION
- 1.0ml cup for use with 13mm blood collection tubes
- EZEE-PERF caps are available for 1.0ml sample cups (*See page 28 for more information*)
- Packaged in Polybags
- High Clarity Polystyrene



| Code       | Description               | Volume | Qty/Case |
|------------|---------------------------|--------|----------|
| 1270013000 | 13mm EZEE-NEST 1,000/Pack | 1.0ml  | 5,000    |
| 1270016000 | 16mm EZEE-NEST 1,000/Pack | 2.0ml  | 5,000    |

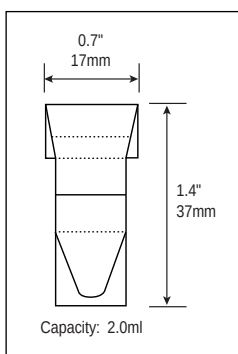
# Sample Cups



## KENDALL Sample Cups for HITACHI, NOVA and IL 1800

- For use with HITACHI 700 Series, NOVA and IL1800 electrolyte instruments
- 2.0ml capacity
- Packaged in Polybags
- High Clarity Polystyrene

| Code       | Description         | Qty/Case |
|------------|---------------------|----------|
| 1270016HIT | 2.0ml HITACHI 1,000 | 5,000    |



## KENDALL Sample Cups for COBAS BIO, FARA and COBAS MIRA

- Available in natural, green, red, blue and yellow for easy color-coding of samples to match sample holders
- Attached cap with vent ensures reliable fit
- High Density Polyethylene
- Packaged in Polybags

| Code       | Description         | Qty/Case |
|------------|---------------------|----------|
| 1270678500 | COBAS Natural 1,000 | 10,000   |
| 1270678600 | COBAS Green 1,000   | 10,000   |
| 1270678700 | COBAS Yellow 1,000  | 10,000   |
| 1270678800 | COBAS Red 1,000     | 10,000   |
| 1270678900 | COBAS Blue 1,000    | 10,000   |



# Tissue Imbedding Medium



## PARAPLAST Tissue Embedding Medium

- Highly purified paraffin providing better tissue infiltration and superior quality sections
- Greatly minimizes tissue compression due to sectioning
- Handy pellet form melts rapidly. Melting point 56°C (ASTM)
- Cuts to 4 micron thickness with excellent ribbon continuity - no crumbling or cracking
- Double filtered - no need for filtration before use
- Clearing is complete and without stainable residue

| Code       | Qty/Case             |
|------------|----------------------|
| 8889501006 | 1kg/bag; 8 bags/case |



## PARAPLAST PLUS Tissue Embedding Medium

- Highly purified paraffin containing a small percentage of dimethyl sulfoxide (DMSO) for faster tissue penetration.
- Reduces infiltration time by one-third.
- Greatly minimizes tissue compression due to sectioning
- Gives brittle, difficult to cut tissues an innate elasticity which produces excellent, wrinkle-free sections.
- Cuts to 4 micron thickness with excellent ribbon continuity.
- Convenient pellet form melts rapidly. Melting point 56°C (ASTM).
- Double filtered - no need for filtration before use.
- Clearing is complete and without stainable residue.

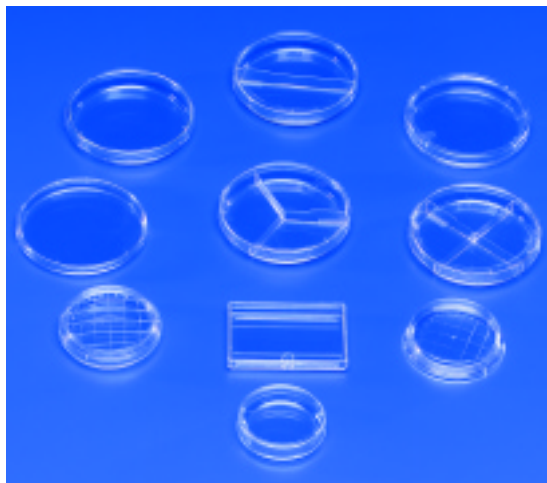
| Code       | Qty/Case             |
|------------|----------------------|
| 8889502004 | 1kg/bag; 8 bags/case |



## PARAPLAST X-TRA Tissue Embedding Medium

- Low viscosity permits complete infiltration of dense tissue.
- Lower temperature infiltration eliminates tissue "cooking" which can cause distortion.
- Exceptional compression resistance and ribbon continuity.
- Handy pellet form melts rapidly. Melting point 52°C (ASTM).
- Cuts to 2 micron thickness with exceptional ribbon continuity.
- Clearing is complete and without stainable residue.

| Code       | Qty/Case             |
|------------|----------------------|
| 8889503002 | 1kg/bag; 8 bags/case |

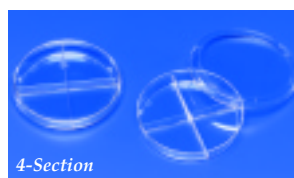
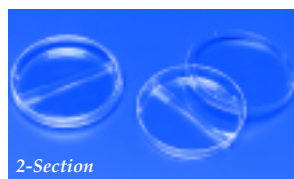


## KENDALL Petri Dishes

- Manufactured from pure virgin polystyrene
- Supreme optical clarity, permitting unimpaired observation of dish content; ideal for micro photography
- Convenient one hand opening and closing
- Stacking rings available for easier stacking and handling
- Engineered for optimum flatness to provide uniform agar thickness, reducing media costs
- Designed with nesting lugs for optimum culture growth and media shelf life
- Packaged in easy open bags and guaranteed sterile

### 100 x 15mm Petri Dish

- **Slippable:** Lid does not have stacking leg, allowing bottom leg to slide easily; Automation friendly
- **Semi-Stackable:** Top of lid has stacking leg with a circumference larger than bottom dish, allowing the bottom of another dish to sit inside the leg of the one below it
- **Fully Stackable:** Lid is recessed and the stacking leg of the bottom dish is nested in this recessed area; Automation friendly
- **Undivided:** One-compartment bottom dish, typically used for sensitivity testing
- **2-Section:** Bottom dish has two (2) compartments, identical in size and shape
- **3-Section:** Bottom dish has three (3) compartments, identical in size and shape
- **4-Section:** Bottom dish has four (4) compartments, identical in size and shape



| Code                                | Description                  | Packaging                  | Qty/Case |
|-------------------------------------|------------------------------|----------------------------|----------|
| <b>Slippable Petri Dishes</b>       |                              |                            |          |
| 8889999001                          | Undivided Bottom, 100 x 15mm | 20/Sleeve; 25 Sleeves/Case | 500      |
| 8889999002                          | 2-Section Type, 100 x 15mm   | 20/Sleeve; 25 Sleeves/Case | 500      |
| 8889999003                          | 3-Section Type, 100 x 15mm   | 20/Sleeve; 25 Sleeves/Case | 500      |
| 8889999004                          | 4-Section Type, 100 x 15mm   | 20/Sleeve; 25 Sleeves/Case | 500      |
| <b>Semi-Stackable Petri Dishes</b>  |                              |                            |          |
| 8889999006                          | Undivided Bottom, 100 x 15mm | 20/Sleeve; 25 Sleeves/Case | 500      |
| 8889999007                          | 2-Section Type, 100 x 15mm   | 20/Sleeve; 25 Sleeves/Case | 500      |
| <b>Fully Stackable Petri Dishes</b> |                              |                            |          |
| 8889999010                          | Undivided Bottom, 100 x 15mm | 24/Sleeve; 25 Sleeves/Case | 600      |
| 8889999013                          | 2-Section Type, 100 x 15mm   | 24/Sleeve; 25 Sleeves/Case | 600      |
| 8889999015                          | 3-Section Type, 100 x 15mm   | 24/Sleeve; 25 Sleeves/Case | 600      |
| 8889999017                          | 4-Section Type, 100 x 15mm   | 24/Sleeve; 25 Sleeves/Case | 600      |



# KENDALL Petri Dishes



## Petri Dish For Anaerobic Use with CO<sub>2</sub> Chamber

| Code       | Description                             | Packaging                  | Qty/Case |
|------------|-----------------------------------------|----------------------------|----------|
| 8889999022 | Rectangular Plate, 75 x 50mm            | 20/Sleeve; 25 Sleeves/Case | 500      |
| 8889999023 | Undivided Bottom, 100 x 15mm; Slippable | 20/Sleeve; 25 Sleeves/Case | 500      |
| 8889999024 | 2-Section Type, 100 x 15mm; Slippable   | 20/Sleeve; 25 Sleeves/Case | 500      |

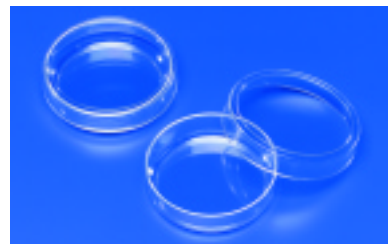
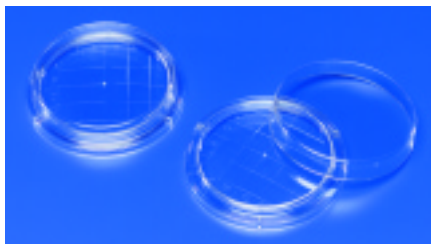
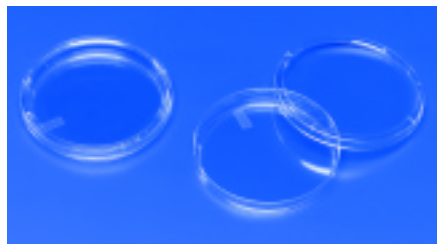
## Space Saver Petri Dish

— Space saving petri dish for aerobic use.

| Code       | Description                        | Packaging                  | Qty/Case |
|------------|------------------------------------|----------------------------|----------|
| 8889999011 | Space Saver Petri Dish, 100 x 10mm | 20/Sleeve; 25 Sleeves/Case | 750      |

## 150 x 15mm Petri Dish

| Code       | Description            | Packaging                 | Qty/Case |
|------------|------------------------|---------------------------|----------|
| 8889999005 | Petri Dish, 150 x 15mm | 20/Sleeve; 5 Sleeves/Case | 100      |



## Specialty Petri Dishes

— **Breather Logs:** Allow the entrance of air for the growth of bacteria; typically for microbiological use

— **Contact Plates:** Molded in graduations on outside of dish to facilitate cell counting

| Code       | Description                                                              | Packaging                  | Qty/Case |
|------------|--------------------------------------------------------------------------|----------------------------|----------|
| 8889999008 | Fully Stackable Petri Dish, 60 x 15mm with Breather Logs & Stacking Ring | 20/Sleeve; 25 Sleeves/Case | 500      |
| 8889999025 | Fully Stackable Petri Dish, 60 x 15mm with Stacking Ring only            | 20/Sleeve; 25 Sleeves/Case | 500      |
| 8889999026 | Slippable Petri Dish, 60 x 15mm without Breather Logs                    | 20/Sleeve; 25 Sleeves/Case | 500      |
| 8889999027 | Semi-Stackable Petri Dish, 60 x 15mm without Breather Logs               | 20/Sleeve; 25 Sleeves/Case | 500      |
| 8889999018 | 65x15mm Contact Plate, 10mm Grid on outside Classic Design               | 20/Sleeve; 25 Sleeves/Case | 500      |
| 8889999019 | 65x15mm Contact Plate, 10mm Grid on outside Convex Bottom                | 20/Sleeve; 25 Sleeves/Case | 500      |
| 8889999020 | 65x15mm Contact Plate, 10mm Grid on inside Convex Bottom                 | 20/Sleeve; 25 Sleeves/Case | 500      |
| 8889999021 | 65x15mm Contact Plate, 10mm Grid on inside Convex Bottom                 | 20/Sleeve; 35 Sleeves/Case | 700      |
| 8889999022 | Rectangular Plate, 75 x 50mm                                             | 20/Sleeve; 25 Sleeves/Case | 500      |

# Incinerator and Inoculation Loops



## BACTI-CINERATOR IV Incinerator

- Sterilizes loops and needles by infrared heat safely and conveniently deep in ceramic tube
- Safeguards laboratory personnel - no open flame or hazardous gas
- Prevents infectious spatter and/or cross contamination
- Ideal for use in anaerobic chambers
- Complete sterilization takes only 5 to 7 seconds at optimum sterilizing temperature of 1500°F
- No need to wait for loops or needles to turn red
- Base is weighted for stability and provides convenient storage for 6 needle holders
- Operates on 120V 60Hz. U.L. Approved. (Also available for operation on other currents)

| Code       | Description                    | Qty/Box |
|------------|--------------------------------|---------|
| 8889004002 | BACTI-CINERATOR IV Incinerator | 1/box   |
| 8889001374 | Replacement Heater Element     | 1/box   |
| 8889001377 | Replacement Rocker Switch      | 1/box   |

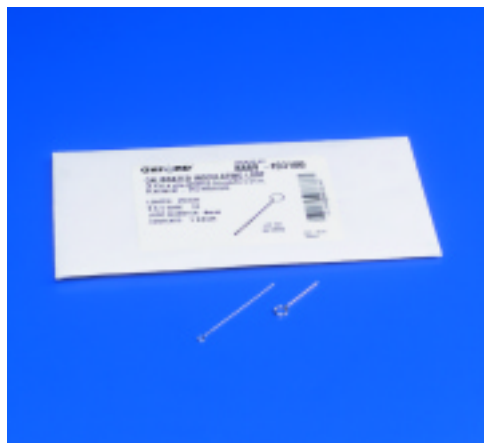


## Inoculating Loops And Needle

- Complete line of quality inoculating loops made of platinum wire
- Both loops and needles contain 15% iridium for increased rigidity permitting thinner wire for delicate work
- Loop sections are welded and smoothly finished to form a "perfect circle"
- Inside tolerance of  $\pm 0.02\text{mm}$  to assure accuracy of delivery
- Needle made of 26 gauge B & S platinum wire for greater rigidity
- Both ends are finished smooth

| Code                      | Loop Diameter | B & S Gauge | Length | Packaging  |
|---------------------------|---------------|-------------|--------|------------|
| 8889101021                | 2mm           | 24          | 45mm   | 1/envelope |
| 8889101039                | 3mm           | 24          | 45mm   | 1/envelope |
| 8889101054                | 5mm           | 24          | 45mm   | 1/envelope |
| 8889101120                | 2mm           | 26          | 45mm   | 1/envelope |
| 8889101138                | 3mm           | 26          | 45mm   | 1/envelope |
| 8889101153                | 5mm           | 26          | 45mm   | 1/envelope |
| 8889101229                | 2mm           | 28          | 45mm   | 1/envelope |
| 8889101237                | 3mm           | 28          | 45mm   | 1/envelope |
| 8889102029                | 2mm           | 24          | 70mm   | 1/envelope |
| 8889102037                | 3mm           | 24          | 70mm   | 1/envelope |
| 8889102045                | 5mm           | 24          | 70mm   | 1/envelope |
| 8889102128                | 2mm           | 26          | 70mm   | 1/envelope |
| 8889102136                | 3mm           | 26          | 70mm   | 1/envelope |
| 8889102151                | 5mm           | 26          | 70mm   | 1/envelope |
| 8889102235                | 3mm           | 28          | 70mm   | 1/envelope |
| <b>Inoculating Needle</b> |               |             |        |            |
| 8889104009                |               | 26          | 70mm   | 1/envelope |

# Incinerator and Inoculation Loops



## Calibrated Loops

- Suited for urine and milk cultures
- The 0.01ml loops are calibrated to A.P.H.A. standards
- Made of 19 gauge B & S platinum wire with 5% rhodium
- The 0.001ml (1µl) loop is made of 26 gauge B & S platinum with 15% iridium

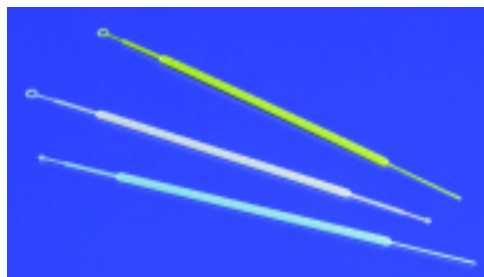
| Code       | Contained Volume | Loop Diameter | Length | Packaging  |
|------------|------------------|---------------|--------|------------|
| 8889103100 | 0.01ml (10µl)    | 4mm           | 25mm   | 1/envelope |
| 8889103118 | 0.01ml           | 4mm           | 70mm   |            |
| 8889103001 | 0.001ml (1µl)    | 1.45mm        | 70mm   |            |



## Loop And Needle Holders

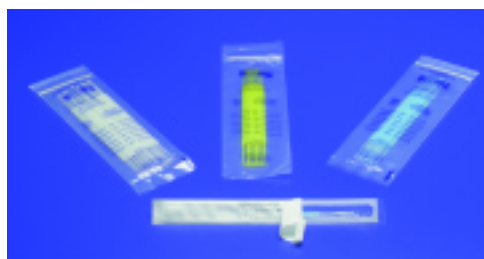
- Made of durable, heat resistant brass with a fiberglass insulating sleeve over the gripping area
- Threaded collet type collar holds all wire gages
- Designed for use with BACTI-CINERATOR, see page 52 for details

| Code       | Length | Packaging  |
|------------|--------|------------|
| 8889105006 | 6"     | 1/envelope |
| 8889105105 | 8"     | 1/envelope |

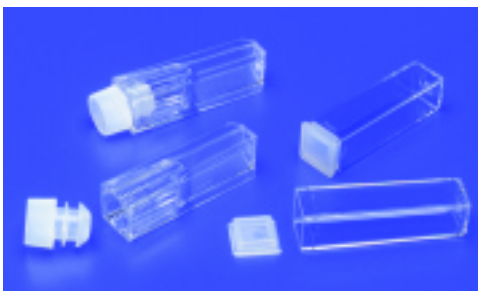


## BIOLoop Disposable Inoculation Loops and Needles

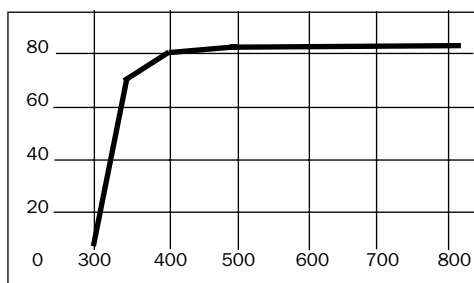
- Eliminate the need for flaming metal loops and exposure to airborne pathogens
- Precision molded from biologically inert polymers
- Three color coded designs: Blue—1µl loop/needle  
Yellow—10µl loop/needle      Natural—10µl loop/1µl loop
- Irradiation sterilized
- Available as individually wrapped or zip seal bags



| Code       | Description                                       | Qty./Case |
|------------|---------------------------------------------------|-----------|
| 5100101STR | 1µl Loop/Needle, Blue, Individ. Wrapped, 500/pk   | 500       |
| 510Z010STR | 1µl Loop/Needle, Blue, 50 Ziplock Bags of 10      | 500       |
| 510Z025STR | 1µl Loop/Needle, Blue, 25 Ziplock Bags of 20      | 500       |
| 5100110STR | 10µl Loop/Needle, Yellow, Individ. Wrapped 500/pk | 500       |
| 510Z110STR | 10µl Loop/Needle, Yellow, 50 Ziplock Bags of 10   | 500       |
| 510Z125STR | 10µl Loop/Needle, Yellow, 25 Ziplock Bags of 20   | 500       |
| 5100111STR | 10µl/1µl Natural, Individ. Wrapped, 500/pk        | 500       |
| 510Z210STR | 10µl/1µl Natural, 50 Ziplock Bags of 10           | 500       |
| 510Z225STR | 0µl/1µl Loop, Natural, 25 Ziplock Bags of 20      | 500       |



TransmissionPercent

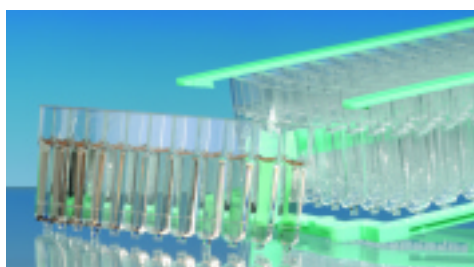


Percent Transmission vs. Wavelength  
Using Empty Disposable Cuvette in a Spectrophotometer

## Disposable Cuvettes

- 4.5ml square cuvette with four clear sides and integral reference marks available in UV inhibitor-less ULTRA-VU polystyrene or SUPER-VU acrylic
- 2.9ml micro square cuvette available in ULTRA-VU polystyrene
- All cuvettes average 70% light transmission at 340nm with maximum variance  $\pm 3\%$  and deliver up to 84% at 800nm
- All cuvettes are packaged in trays made from recyclable polystyrene foam to eliminate scratching and are shrink-wrapped to eliminate dust particles
- Polyethylene caps are available for both sizes of cuvettes; square caps for the 4.5ml size and round plug-tite caps for the 2.9ml size

| Code       | Description                                       | Qty/Case |
|------------|---------------------------------------------------|----------|
| 1271010400 | Cuvette Square Polystyrene 4.5ml, 500/pk          | 2,000    |
| 1271210400 | Cuvette Square Polystyrene 4.5ml, 10/Tray, 120/pk | 1,200    |
| 1271010500 | Cuvette Square Acrylic 4.5ml, 500/pk              | 500      |
| 1271010007 | Cuvette Micro Polystyrene 2.9ml, 500/pk           | 500      |
| 1271010004 | Polyethylene Cuvette, 1,000/pk                    | 10,000   |
| 1270019100 | Plug Flange 12mm Natural, 1,000/pk                | 10,000   |



## Cuvette Cartridges for COBAS, COBAS MIRA, COBAS MIRA S/COBAS MIRA S PLUS

| Code       | Description                 | Qty/Case |
|------------|-----------------------------|----------|
| 1270678005 | Cuvettes Cobas MIRA, 500/pk | 500      |

# Hematology



## DILU-VIAL

- ELKAY DILU-VIAL is a disposable Hematology sample vial precision molded from premium grade polystyrene for blood cell counting
- Specially de-ionized and de-staticized to insure accurate cell and particle counts. Optically clear, parallel sides
- Molded-in graduations at 10ml and 20ml
- Easily removable leak-tight cap with tab

| Code       | Description                    | Qty/Case |
|------------|--------------------------------|----------|
| 0000000030 | DILU-VIAL, 72/tray, 2 trays/pk | 1,152    |
| 000BULK030 | DILU-VIAL Bulk, 1,000/pk       | 1,000    |

# General Laboratory Supplies



## SPINEZE Crystals

- Made of biologically inert, contaminant free polystyrene
- Help to trap fibrin particles and clots in serum to maximize serum yield
- Eliminate the need to centrifuge twice

| Code       | Description              | Qty/Case |
|------------|--------------------------|----------|
| 0000000003 | SPINEZE Jar 1 lb./0.45kg | 1        |



## CRITOSEAL IDENTI-TRAY Capillary Tube Sealant

- Unique vinyl plastic compound for sealing any type class capillary tube without heating. Simply press end of tube into CRITOSEAL sealant and twist slightly
- Compound remains pliable
- Handy tip-proof Identi-Tray has 24 numbered duplicate sample slots
- Includes enough CRITOSEAL sealant to seal several hundred tubes

| Code       | Description                         | Qty/Case |
|------------|-------------------------------------|----------|
| 8889215003 | Capillary Tube Sealant, 6 trays/box | 6 boxes  |

- (A) Regular Tube Closures  
(B) J Tube Closures  
(C) K Tube Closures

## CRITOCAPS Regular Tube Closures

- Pliable plastic caps arranged ten (10) on a stem
- Seal the ends of micro-hematocrit capillary tubes evenly and completely
- Provides cushioning for centrifugation

| Code       | Description                                                      | Qty/Case |
|------------|------------------------------------------------------------------|----------|
| 8889212000 | CRITOCAPS - Regular for Sealing Micro-Hematocrit Tubes, 100/pack | 12 packs |

## CRITOCAPS - J Tube Closures

- Sized to fit Caraway capillary tubes
- Made of pliable plastic and supplied ten (10) on a stem for easier capping
- Caps provide a positive seal, assuring no loss of blood sample

| Code       | Description                                       | Qty/Case |
|------------|---------------------------------------------------|----------|
| 8889213008 | CRITOCAPS - J for Sealing Caraway Tubes, 100/pack | 6 Packs  |

## CRITOCAPS - K Tube Closures

- Convenient, translucent, pliable plastic caps for sealing the fire-polished ends of Natelson capillary tubes evenly and completely
- Caps provide positive sealing and cushioning for centrifugation

| Code       | Description                                        | Qty/Case |
|------------|----------------------------------------------------|----------|
| 8889214006 | CRITOCAPS - K for Sealing Natelson Tubes, 100/pack | 12 packs |



# General Laboratory Supplies



## CRITOCAPS Micro-Hematocrit Tube Reader

- Pocket-size universal tube reader with two ruled charts for precise determination of micro-hematocrit values
- Can be used with any sealed or capped 75mm tube
- Special base line below the scale allows direct reading of tubes sealed with CRITOCAPS
- Made of durable vinyl-laminated plastic
- Washable

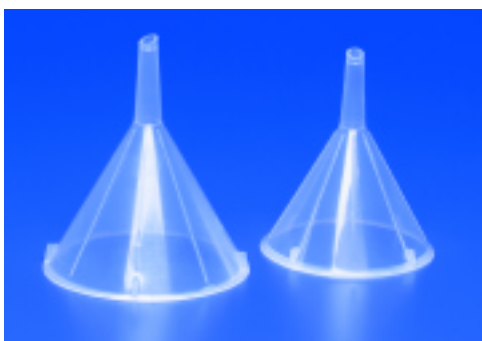
| Code       | Description           | Packaging  |
|------------|-----------------------|------------|
| 8889111004 | CRITOCAPS Tube Reader | 1/envelope |



## SPIRACRIT Micro-Hematocrit Tube Reader

- Accurate, rapid reader for 75mm micro-hematocrit capillary tubes
- Consists of a spiral plastic dial mounted on a 7 - 7 $\frac{1}{8}$ ", square vinyl-laminated aluminum base
- Permits reading the height of the packed red cell column directly as percent volume
- Washable

| Code       | Description           | Packaging  |
|------------|-----------------------|------------|
| 8889112002 | CRITOCAPS Tube Reader | 1/envelope |



## Laboratory Funnels

- Polypropylene funnels tolerate most strong acids, alkalis and organic solvents; heat resistant, withstands temperatures to 121°C, can be autoclaved
- Polystyrene blend funnels are suitable for aqueous solutions, weak acids and alkalis
- Designed to be disposable - cost-effective for one-time use
- Ribbed interior and 60° angle facilitate filtration
- Non-wetting surfaces drain completely

| Code       | Description   | (cm) | Overall Dia. (mm) | Stem height (cm) | For Filter Length Dia., (cm) | Qty/Case |
|------------|---------------|------|-------------------|------------------|------------------------------|----------|
| 8889217009 | Polypropylene | 5.5  | 69                | 2.5              | 11                           | 100      |
| 8889217108 | Polypropylene | 6.5  | 78                | 3.0              | 12.5                         | 100      |
| 8889216001 | Polystyrene   | 5.5  | 69                | 2.5              | 11                           | 100      |
| 8889216100 | Polystyrene   | 6.5  | 78                | 3.0              | 12.5                         | 100      |



## Tri-Pour Beakers



### TRI-POUR Beakers

- Disposable - cost-effective for one-time use
- Convenient - tri-corner design provides three dripless pouring spouts
- Durable - polypropylene beakers are unaffected by most commonly used acids, alkalis and solvents
- Autoclavable - beakers can withstand temperatures up to 121°C; may be used as sterility vessels
- Easy-to-read graduations, accurate to  $\pm 5\%$
- Packaged nested in sleeves to save storage space
- Caps with polyfilm and lift tabs are available for all sizes
- Cap may be written on for sample identification

| Code       | Size (ml) | Grad. (ml) | Height (mm) | Max. Dia. (mm) | Qty/Case |
|------------|-----------|------------|-------------|----------------|----------|
| 8889206101 | 50        | 5          | 55          | 44             | 100      |
| 8889206200 | 100       | 10         | 73          | 53             | 100      |
| 8889206309 | 250       | 10         | 90          | 72             | 100      |
| 8889206408 | 400       | 20         | 110         | 80             | 100      |
| 8889206507 | 800       | 50         | 134         | 107            | 100      |
| 8889206606 | 1,000     | 50         | 147         | 112            | 100      |



### Beaker Caps

| Code       | Description    | Qty/Case |
|------------|----------------|----------|
| 8889106103 | 50ml Beaker    | 500      |
| 8889106202 | 100ml Beaker   | 500      |
| 8889106301 | 250ml Beaker   | 500      |
| 8889106400 | 400ml Beaker   | 500      |
| 8889106509 | 800ml Beaker   | 250      |
| 8889106608 | 1,000ml Beaker | 250      |

## Absorbent Bench Top Covers



### Laboratory Bench Top Covers: Standard

- A wide selection of bench covers from economy layered to premium ultra absorbent
- Moderate absorbency rating

| Code       | Size        | Absorbency Capacity | Packaging | Qty/Case |
|------------|-------------|---------------------|-----------|----------|
| 8889600110 | 17" x 24"   | 160ml               | Bulk      | 300      |
| 8889600112 | 17" x 23.5" | 260ml               | Bulk      | 300      |
| 8889600115 | 23" x 24"   | 365ml               | Bulk      | 200      |
| 8889600117 | 23" x 36"   | 325ml               | Bulk      | 150      |

# Laboratory Disposal Bags



## High Temperature Biohazard Autoclave Bag

- For the collection, autoclaving and disposing of laboratory waste
- Able to withstand temperatures to 135°C (275°F), reducing autoclave time by 50%
- Biohazard warnings printed in English, Spanish and French languages
- Tear-proof 2.0mil thick red polypropylene assures bag integrity during autoclaving
- Meets the more stringent tear-resistant code found in certain states
- Temperature indicator patch on outside of bag turns dark when bag is steam processed
- Closure ties provided for sealing and proper venting of bags during sterilization

| Code       | Description                             | Gallon Capacity | Qty/Case |
|------------|-----------------------------------------|-----------------|----------|
| 5001224001 | Biohazard Bag, 12 x 24" Hi-Temp, 200/pk | 3.6             | 200      |
| 5001923001 | Biohazard Bag, 19 x 23" Hi-Temp, 200/pk | 7.5             | 200      |
| 5002430001 | Biohazard Bag, 24 x 30" Hi-Temp, 200/pk | 16.1            | 200      |
| 5003748001 | Biohazard Bag, 37 x 48" Hi-Temp, 100/pk | 60.6            | 100      |

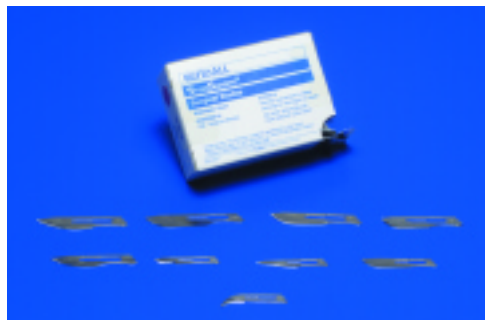


## ELKAY SAFE 'N EZEE Biohazard Bags

- Made from high molecular weight, high density polyethylene. SAFE 'N EZEE Biohazard Bags are tear-proof and clearly labeled with the standard OSHA symbol
- Safe for collecting, autoclaving and disposing of contaminated laboratory consumables
- Biohazard warnings printed in English, Spanish and French languages
- Autoclavable to 121°C (250°F)
- Closure ties provided for sealing and proper venting of bags during sterilization

| Code       | Description                     | Gallon Capacity | Qty/Case |
|------------|---------------------------------|-----------------|----------|
| 5001220000 | Biohazard Bag, 12 x 20", 100/pk | 2.8             | 1,000    |
| 5001826000 | Biohazard Bag, 18 x 26", 100/pk | 8.2             | 1,000    |
| 5002430000 | Biohazard Bag, 24 x 30", 100/pk | 16.1            | 500      |
| 5004045000 | Biohazard Bag, 40 x 45", 100/pk | 62.1            | 100      |

# Surgical Blades/Scalpels



## STERISHARPS Surgical Blades

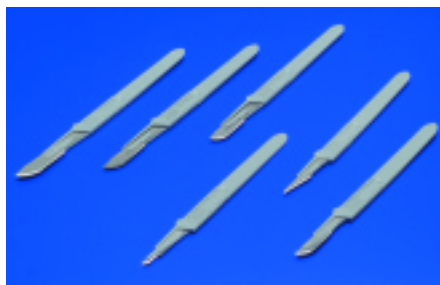
- Blades are inspected for quality, sharpness, strength and edge durability
- Packaging is color-coded
- Gamma radiation sterilized; packaged in gravity-feed boxes
- Six-pack blade dispenser available on request at no charge to blade customers

| Code                            | Size                          | Qty/Case |
|---------------------------------|-------------------------------|----------|
| <b>Sterile, Stainless Steel</b> |                               |          |
| 772100                          | #10                           | 100      |
| 772110                          | #11                           | 100      |
| 772120                          | #12                           | 100      |
| 772150                          | #15                           | 100      |
| 772200                          | #20                           | 100      |
| 772210                          | #21                           | 100      |
| 772220                          | #22                           | 100      |
| 772230                          | #23                           | 100      |
| 772240                          | #24                           | 100      |
| 897700                          | Surgical Blade Dispenser Rack | 1        |

## Surgical Blade Handles

- Manufactured with a nickel-silver alloy and satin finish to resist corrosion
- Rigid, extra long sheath

| Code               | Size                             | Qty/Case |
|--------------------|----------------------------------|----------|
| <b>Non-Sterile</b> |                                  |          |
| 710001             | Standard #3 for blades #10 - #15 | 6        |
| 710002             | Standard #4 for blades #20 - #24 | 6        |



## CURITY Disposable Scalpels

- Surgical blades attached to plastic handles
- Individually sterile wrapped; available loose or in boxes of 10 scalpels
- Handles have metric measurements for incision recording
- Bulk packed, 10 boxes/case

| Code           | Size | Qty/Case |
|----------------|------|----------|
| <b>Sterile</b> |      |          |
| 139090         | #10  | 100      |
| 139091         | #11  | 100      |
| 139093         | #15  | 100      |
| 139094         | #20  | 100      |
| 139095         | #21  | 100      |
| 139096         | #22  | 100      |



## WEBCOL Alcohol Preps

- Premium pad material provides maximum absorbency for scrubbing and cleansing
- 70% isopropyl alcohol
- Sterile, nonwoven sponges designed for moderate cleansing
- Economical
- Available in convenient sizes for a variety of uses

| Code | Description            | Qty/Case |
|------|------------------------|----------|
| 5033 | Large, 1 ply, 200/box  | 4,000    |
| 6818 | Medium, 2 ply, 200/box | 4,000    |
| 5110 | Large, 2 ply, 200/box  | 4,000    |

# Dressings/Sponges



## CURITY Cotton Prepping Balls

- 100% cotton
- Soft and absorbent
- Designed for a variety of uses throughout the hospital
- Packed in convenient poly bags
- Nonsterile

| Code | Description     | Qty/Case |
|------|-----------------|----------|
| 2600 | Medium, 500/bag | 4,000    |
| 2601 | Large, 200/bag  | 2,000    |
| 2602 | Large, 50/bag   | 4,000    |

## CURITY Rayon Prepping Balls

- Made from high quality rayon fibers
- Designed for a variety of uses throughout the hospital
- Nonsterile

| Code | Description      | Qty/Case |
|------|------------------|----------|
| 792  | Large, 1,000/bag | 2,000    |



## Q-TIPS Cotton-Tipped Applicators

- Single-tipped, wood stick applicators
- Soft, absorbent tips
- Versatile

| Code       | Description                           | Qty/Case  |
|------------|---------------------------------------|-----------|
| 8884540400 | 3" Bulk pack, 100/bag                 | 1,000/box |
| 8884540500 | 6" Bulk pack, 100/bag                 | 10 boxes  |
| 8884541300 | 6" Sterile, 2/pack                    | 2,000     |
| 8884541400 | 6" Sterile, 2/pack/dispenser, 200/box | 10 boxes  |

## CURITY Cotton-Tipped Applicators

- 100% cotton tip, wood stick
- Soft and absorbent
- Designed for a variety of uses throughout the hospital

| Code | Description                       | Qty/Case |
|------|-----------------------------------|----------|
| 6553 | 6" wood stick, large tip, 100/bag | 10,000   |

# Sharps Disposal Containers



## DEVON Tortuous Path Sharps Containers, 2-Gallon

- One-hand, one-step, no-touch sharps disposal
- Horizontal loading, non-mechanical sharps opening
- Tortuous-path design impedes hand entry
- Plastics and pigments are safe to incinerate
- Various mounting brackets and glove box holders are available

| Code     | Description                                                     | Qty/Case |
|----------|-----------------------------------------------------------------|----------|
| 31143008 | 2 Gallon Container, Translucent Red                             | 18       |
| 31158960 | Hidden Bracket and Key                                          | 20       |
| 31139747 | Extra Keys for Hidden Bracket Set                               | 10       |
| 31143731 | 2 Gallon Container, Red, Clear Lid                              | 30       |
| 8970     | 2 Gallon Container, Red, Rotor Lid                              | 20       |
| 89671    | 2 Gallon Container, Translucent Red, Horizontal Drop, Clear Lid | 20       |
| 85321R   | 8 Quart Container, Translucent Red                              | 10       |

Kendall's complete line of sharps containers available at [www.kendallhq.com](http://www.kendallhq.com)

## Point-Of-Use Sharps Containers

- Clear, locking lids with horizontal load openings
- Large horizontal openings accommodate larger syringes
- Easy, simple assembly
- Nestable containers save valuable storage space
- Full range of brackets available
- Plastics and pigments are safe to autoclave or incinerate
- Reduces risk of needlesticks when disposing of sharps
- Puncture resistant, durable and safe
- Easy to see fill levels

| Code     | Description                                       | Qty/Case |
|----------|---------------------------------------------------|----------|
| 31143921 | 2.5 Quart Container, Almond                       | 30       |
| 31144085 | 2.5 Quart Container, Red                          | 30       |
| 31300901 | 2.5 Quart Container, Translucent Yellow           | 30       |
| 31143897 | 5 Quart Container, Clear                          | 30       |
| 31143723 | 5 Quart Container, Translucent Almond             | 30       |
| 31144010 | 5 Quart Container, Translucent Red                | 30       |
| 31300919 | 5 Quart Container, Translucent Yellow             | 30       |
| 31144093 | 3.5 Gallon Container, Translucent Almond, Low Top | 10       |
| 31176871 | 3.5 Gallon Container, Translucent Red, Low Top    | 10       |
| 31300646 | 3.5 Gallon Container, Translucent Yellow, Low Top | 10       |
| 31143848 | 3.5 Gallon Container, Translucent Almond          | 10       |
| 31143830 | 3.5 Gallon Container, Translucent Red             | 10       |
| 31300687 | 3.5 Gallon Container, Translucent Yellow          | 10       |
| 31140018 | Hidden Bracket for 2.5 & 5 qt. Units              | 20       |
| 31139747 | Extra Keys for Hidden Bracket Set                 | 10       |
| 31139762 | Single glove box holder                           | 20       |
| 31139846 | Glove box holder (Fits 31140018)                  | 8        |
| 31140034 | Non-locking wall mount for 3.5 Gallon             | 10       |
| 31140026 | Lockable bracket for 3.5 Gallon                   | 10       |



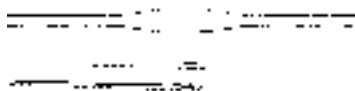
# Laboratory Pump Tubing

## Laboratory Grade BUBBLE Tubing (Laboratory Grade Polyvinyl Chloride)

- Tapered bubbles every 36" may be cut to form appropriate size female or male connector end
- Uniform wall thickness and a smooth, nonporous, nonwetting surface
- Clear PVC formulation rated to 16" Hg vacuum non-conductive type and 22" Hg conductive type
- Conductive type meets N.F.P.A. specifications for use with flammable gas agents
- Clear, flexible polyvinyl chloride formulation is nontoxic, highly stable, chemically resistant, and autoclavable
- Available in two versions
- Goes on and stays on most size barbed connections

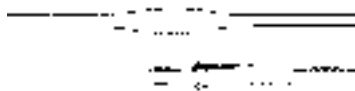
To form integral funnel (female) connector end.

CUT HERE



To form integral tapered (male) connector end.

CUT HERE



| Code       | I.D. | Bubble<br>O.D. | I.D. | Thickness | Wall<br>(Shore A)        | Formulation<br>Packaging |
|------------|------|----------------|------|-----------|--------------------------|--------------------------|
| 8889224203 | 1/8" | 1/4"           | 1/4" | 1/16"     | PVC 10850C, 55 Durometer | 50' dispenser case       |
| 8889224302 | 1/4" | 3/8"           | 3/8" | 1/16"     | PVC 10850C, 55 Durometer |                          |
| 8889224401 | 3/8" | 1/2"           | 1/2" | 1/16"     | PVC 10850C, 55 Durometer |                          |
| 8889224500 | 1/2" | 5/8"           | 5/8" | 1/16"     | PVC 10850C, 55 Durometer |                          |

Flexible, Higher vacuum (Stiff) Withstands 22" Hg Vacuum Without Collapsing. Has high Bursting Strength.

| Code       | I.D. | Bubble<br>O.D. | I.D. | Thickness | Wall<br>(Shore A)      | Formulation<br>Packaging |
|------------|------|----------------|------|-----------|------------------------|--------------------------|
| 8889224005 | 1/8" | 1/4"           | 1/2" | 1/16"     | PVC 1060, 77 Durometer | 50' /dispenser case      |
| 8889224054 | 1/4" | 3/8"           | 1/2" | 1/16"     | PVC 1060, 77 Durometer |                          |
| 8889224104 | 3/8" | 1/2"           | 3/4" | 1/16"     | PVC 1047, 85 Durometer |                          |
| 8889224153 | 1/2" | 5/8"           | 3/4" | 1/16"     | PVC 1047, 85 Durometer |                          |

| Code                       | Size (I.D. x Length)       | Qty/Case  |
|----------------------------|----------------------------|-----------|
| <b>NON-CONDUCTIVE TYPE</b> |                            |           |
| 8888280214                 | 3/16" x 100' (5mm x 30.5m) | 100' coil |
| 8888280412                 | 1/4" x 100' (6mm x 30.5m)  | 100' coil |
| 8888280610                 | 9/32" x 100' (7mm x 30.5m) | 100' coil |
| <b>CONDUCTIVE TYPE</b>     |                            |           |
| 8888290213                 | 3/16" x 100' (5mm x 30.5m) | 100' coil |
| 8888290411                 | 1/4" x 100' (6mm x 30.5m)  | 100' coil |
| 8888290619                 | 9/32" x 100' (7mm x 30.5m) | 100' coil |



## ARGYLE Tubing Connectors

- Wide range of types and sizes
- Available sterile or clean

| Code                         | Type              | Fits Tubing I.D.           | Material      | Qty/Case |
|------------------------------|-------------------|----------------------------|---------------|----------|
| <b>CLEAN - Bulk Packaged</b> |                   |                            |               |          |
| 8888270306                   | Sims              | 3/16" - 7/16" (4.8-11.1mm) | Vinyl         | 100      |
| 8888270702                   | 5-in-1 (Bubble)   | 3/16" - 7/16" (4.8-11.1mm) | Polyethylene  | 100      |
| 8888271106                   | 5-in-1 (Bubble)   | 3/16" - 7/16" (4.8-11.1mm) | Vinyl         | 100      |
| 8888271403                   | 5-in-1 (Barbed)   | 3/16" - 9/16" (7.9-14.3mm) | Polypropylene | 100      |
| 8888271510                   | 5-in-1 (Barbed)   | 3/16" - 9/16" (4.8-14.3mm) | Polypropylene | 100      |
| 8888272005                   | Large -Y (Barbed) | 1/4" - 1/2" (6.4-12.7mm)   | Polypropylene | 50       |
| 8888272203                   | Small Y           | 1/8" - 1/4" (3.2-6.4mm)    | Polypropylene | 50       |



# Laboratory Pump Tubing



**Technical Specifications:**  
 Material: Medical grade PVC  
 Durometer: 60 Shore A  
 Color: Clear  
 Maximum Operating  
 Temperature: 94°C (165°F)

## Standard PVC Running Foot Tubing

- Ideal for routine use in peristaltic pumps
- Specially formulated PVC is heat treated for increased life in applications. Particularly resistant to a broad range of inorganic chemicals, especially mild acids, alkalis and salt solutions
- Clear, transparent characteristics allow for convenient flow monitoring
- Durometer of 60 bends easily, grips connectors firmly and simplifies pump setups

| Code                                   | Inner Diameter |        | Outer Diameter |        | Wall Thickness |        |
|----------------------------------------|----------------|--------|----------------|--------|----------------|--------|
|                                        | mm             | inches | mm             | inches | mm             | inches |
| <b>Standard, 10' (3.0m), 1/Polybag</b> |                |        |                |        |                |        |
| 1160536010                             | 0.127          | 0.005  | 1.956          | 0.077  | 0.914          | 0.036  |
| 1160536030                             | 0.254          | 0.010  | 2.083          | 0.082  | 0.914          | 0.036  |
| 1160536040                             | 0.381          | 0.015  | 2.210          | 0.087  | 0.914          | 0.036  |
| 1160536050                             | 0.508          | 0.020  | 2.337          | 0.092  | 0.914          | 0.036  |
| 1160536070                             | 0.762          | 0.030  | 2.438          | 0.096  | 0.838          | 0.033  |
| 1160536080                             | 0.889          | 0.035  | 2.565          | 0.101  | 0.838          | 0.033  |
| 1160536090                             | 1.016          | 0.040  | 2.692          | 0.106  | 0.838          | 0.033  |
| 1160536100                             | 1.143          | 0.045  | 2.819          | 0.111  | 0.838          | 0.033  |
| 1160536110                             | 1.295          | 0.051  | 2.972          | 0.117  | 0.838          | 0.033  |
| 1160536120                             | 1.422          | 0.056  | 3.099          | 0.122  | 0.838          | 0.033  |
| 1160536130                             | 1.651          | 0.065  | 3.327          | 0.131  | 0.838          | 0.033  |
| 1160536150                             | 2.057          | 0.081  | 3.734          | 0.147  | 0.838          | 0.033  |
| 1160536190                             | 1.524          | 0.060  | 3.200          | 0.126  | 0.838          | 0.033  |
| 1160536200                             | 3.175          | 0.125  | 4.851          | 0.191  | 0.838          | 0.033  |

## Silicone Running Foot Tubing

- Wall thickness of 0.914mm, 0.036"
- Highly flexible and free of additives or plasticizers
- Will not readily age, oxidize, or deteriorate over time
- Excellent flow characteristics.
- Repeated sterilization by autoclaving will not affect its strength, shape, or appearance
- Broad compatibility with most acids, alkalis and solvents

### Technical Specifications:

Material: Medical grade silicone  
Durometer: 45-55 Shore A  
Color: Translucent  
Maximum Operating Temperature: 205°C (400°F)

| Code                         | Inner Diameter |        | Outer Diameter |        |
|------------------------------|----------------|--------|----------------|--------|
|                              | mm             | inches | mm             | inches |
| <b>10' (3.0m), 1/Polybag</b> |                |        |                |        |
| 116R497080                   | 0.762          | 0.030  | 2.591          | 0.102  |
| 116R497140                   | 1.524          | 0.060  | 3.353          | 0.132  |
| 116R497180                   | 2.311          | 0.090  | 4.140          | 0.163  |
| 116R497200                   | 2.794          | 0.110  | 4.623          | 0.182  |

## Acid Flexible Running Foot Tubing

- Wall thickness of 0.914mm, 0.036"
- Extruded from a unique blend of VITON rubber to deliver longer pumping life.
- Especially recommended for use with strong acids, alkalis and solvents
- Flexible enough to resist cracks and flex-fatigue in peristaltic pumps
- Every lot is precision made, vulcanized and quality tested for consistent dimensions and performance

### Technical Specifications:

Material: Viton  
Durometer: 60 Shore A  
Color: Black  
Maximum Operating Temperature: 205°C (400°F)

| Code                         | Inner Diameter |        | Outer Diameter |        |
|------------------------------|----------------|--------|----------------|--------|
|                              | mm             | inches | mm             | inches |
| <b>10' (3.0m), 1/Polybag</b> |                |        |                |        |
| 1160538050                   | 0.508          | 0.020  | 2.337          | 0.092  |
| 1160538060                   | 0.635          | 0.025  | 2.464          | 0.097  |
| 1160538070                   | 0.762          | 0.030  | 2.591          | 0.102  |
| 1160538080                   | 0.889          | 0.035  | 2.718          | 0.107  |
| 1160538090                   | 1.016          | 0.040  | 2.845          | 0.112  |
| 1160538100                   | 1.143          | 0.045  | 2.972          | 0.117  |
| 1160538110                   | 1.295          | 0.051  | 3.124          | 0.123  |
| 1160538120                   | 1.422          | 0.056  | 3.251          | 0.128  |
| 1160538130                   | 1.651          | 0.065  | 3.480          | 0.137  |
| 1160538140                   | 1.854          | 0.073  | 3.683          | 0.145  |
| 1160538150                   | 2.057          | 0.081  | 3.886          | 0.153  |
| 1160538160                   | 2.311          | 0.091  | 4.140          | 0.163  |
| 1160538170                   | 2.540          | 0.100  | 4.369          | 0.172  |
| 1160538180                   | 2.794          | 0.110  | 4.623          | 0.182  |
| 1160538190                   | 1.524          | 0.060  | 3.353          | 0.132  |

# Laboratory Pump Tubing

## Medical Grade Solvent Flexible PVC Pump Running Foot Tubing

- Manufactured from a uniquely formulated medical grade PVC
- Ensures long pumping life when using routine solvents in medical applications

### Technical Specifications:

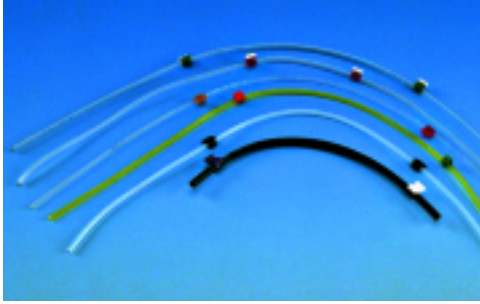
Material: Medical grade PVC  
(Solvent Flexible-HC is non-medical grade PVC)  
Durometer: 60 Shore A  
Color: Yellow Translucent  
Maximum Operating Temperature: 94°C (165°F)

## Non-Medical Grade Solvent Flexible-HC Running Foot Tubing

- Resists swelling and brittleness when exposed to solvents
- For use in industrial (non-medical) applications—pumping fuels, lubricants, oils, kerosene and other aggressive solvents
- Not for use with strong acids or alkalis

| Solvent Flex<br>Code  | Solvent Flex-HC<br>Code | Inner Diameter |        | Outer Diameter |        | Wall Thickness |        |
|-----------------------|-------------------------|----------------|--------|----------------|--------|----------------|--------|
|                       |                         | mm             | inches | mm             | inches | mm             | inches |
| 10' (3.0m), 1/Polybag |                         |                |        |                |        |                |        |
| 1160537030            | FLO0537030              | 0.254          | 0.010  | 2.083          | 0.082  | 0.914          | 0.036  |
| 1160537040            | FLO0537040              | 0.381          | 0.015  | 2.210          | 0.087  | 0.914          | 0.036  |
| 1160537050            | FLO0537050              | 0.508          | 0.020  | 2.337          | 0.092  | 0.914          | 0.036  |
| 1160537060            | FLO0537060              | 0.635          | 0.025  | 2.464          | 0.097  | 0.914          | 0.036  |
| 1160537080            | FLO0537080              | 0.889          | 0.035  | 2.565          | 0.101  | 0.838          | 0.033  |
| 1160537090            | FLO0537090              | 1.016          | 0.040  | 2.692          | 0.106  | 0.838          | 0.033  |
| 1160537170            | FLO0537170              | 2.540          | 0.100  | 4.216          | 0.166  | 0.838          | 0.033  |
| 1160537180            | FLO0537180              | 2.794          | 0.110  | 4.470          | 0.176  | 0.838          | 0.033  |
| 1160537190            | FLO0537190              | 1.524          | 0.060  | 3.200          | 0.126  | 0.838          | 0.033  |

# Laboratory Pump Tubing



## ELKAY Manifold Pump Tubing

1. ACCU-RATED PVC Manifold Pump Tubing
2. PVC Manifold Pump Tubing
3. PVC Manifold Pump Tubing
4. Solvent Flexible Manifold Pump Tubing
5. Silicone Manifold Pump Tubing
6. Acid Flexible Manifold Pump Tubing

### Standard PVC Manifold Pump Tubing

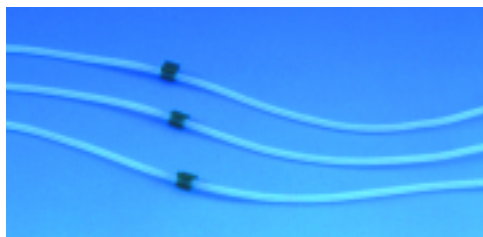
- Ideal for routine use in peristaltic pumps
- Specially formulated PVC is heat treated for increased life. Resistant to a broad range of inorganic chemicals, particularly mild acids, alkalis and salt solutions
- Clear, transparent characteristics allow for convenient flow monitoring
- Durometer of 60 bends easily, grips connectors firmly, and simplifies pump setups

#### Technical Specifications:

Material: Medical grade PVC  
Durometer: 60 Shore A  
Color: Clear  
Maximum Operating Temperature: 94°C (165°F)

| Code                                                      | Bridge Colors | Inner Diameter |        | Outer Diameter |        | Wall Thickness |        |
|-----------------------------------------------------------|---------------|----------------|--------|----------------|--------|----------------|--------|
|                                                           |               | mm             | inches | mm             | inches | mm             | inches |
| Lenght 16" (406mm) Bridge Interval 6" (152mm), 12/polybag |               |                |        |                |        |                |        |
| 1160532010                                                | Orange/Black  | 0.127          | 0.005  | 1.956          | 0.077  | 0.914          | 0.036  |
| 1160532020                                                | Orange/Red    | 0.191          | 0.0075 | 2.032          | 0.080  | 0.914          | 0.036  |
| 1160532030                                                | Orange/Blue   | 0.254          | 0.010  | 2.083          | 0.082  | 0.914          | 0.036  |
| 1160532040                                                | Orange/Green  | 0.381          | 0.015  | 2.210          | 0.087  | 0.914          | 0.036  |
| 1160532050                                                | Orange/Yellow | 0.508          | 0.020  | 2.337          | 0.092  | 0.914          | 0.036  |
| 1160532060                                                | Orange/White  | 0.635          | 0.025  | 2.464          | 0.097  | 0.914          | 0.036  |
| 1160532070                                                | Black         | 0.762          | 0.030  | 2.438          | 0.096  | 0.838          | 0.033  |
| 1160532080                                                | Orange        | 0.889          | 0.035  | 2.565          | 0.101  | 0.838          | 0.033  |
| 1160532090                                                | White         | 1.016          | 0.040  | 2.692          | 0.106  | 0.838          | 0.033  |
| 1160532100                                                | Red           | 1.143          | 0.045  | 2.819          | 0.111  | 0.838          | 0.033  |
| 1160532110                                                | Gray          | 1.295          | 0.051  | 2.972          | 0.117  | 0.838          | 0.033  |
| 1160532120                                                | Yellow        | 1.422          | 0.056  | 3.099          | 0.122  | 0.838          | 0.033  |
| 1160532130                                                | Blue          | 1.651          | 0.065  | 3.327          | 0.131  | 0.838          | 0.033  |
| 1160532140                                                | Green         | 1.854          | 0.073  | 3.531          | 0.139  | 0.838          | 0.033  |
| 1160532150                                                | Purple        | 2.057          | 0.081  | 3.734          | 0.147  | 0.838          | 0.033  |
| 1160532160                                                | Purple/Black  | 2.286          | 0.090  | 3.962          | 0.156  | 0.838          | 0.033  |
| 1160532170                                                | Purple/Orange | 2.540          | 0.100  | 4.216          | 0.166  | 0.838          | 0.033  |
| 1160532190                                                | Yellow/Blue   | 1.524          | 0.060  | 3.200          | 0.126  | 0.838          | 0.033  |
| 1160532200                                                | Black/White   | 3.175          | 0.125  | 4.851          | 0.191  | 0.838          | 0.033  |

# Laboratory Pump Tubing



## Silicone Tubing

- Highly flexible and free of additives or plasticizers
- Will not readily age, oxidize, or deteriorate over time
- Excellent flow characteristics
- Broad compatibility with most acids, alkalis and solvents
- Wall thickness of 0.914mm / 0.036"

| Code                                                      | Bridge Colors | Inner Diameter |        | Outer Diameter |        |
|-----------------------------------------------------------|---------------|----------------|--------|----------------|--------|
|                                                           |               | mm             | inches | mm             | inches |
| Length 16" (406mm), Bridge Interval 6" (152mm), 6/polybag |               |                |        |                |        |
| 1160497080                                                | Black         | 0.762          | 0.030  | 2.591          | 0.102  |
| 1160497090                                                | Orange        | 0.889          | 0.035  | 2.718          | 0.107  |
| 1160497100                                                | White         | 0.016          | 0.040  | 2.845          | 0.112  |
| 1160497110                                                | Red           | 1.143          | 0.045  | 2.972          | 0.117  |
| 1160497120                                                | Gray          | 1.295          | 0.051  | 3.124          | 0.123  |
| 1160497130                                                | Yellow        | 1.422          | 0.056  | 3.251          | 0.128  |
| 1160497140                                                | Yellow/Blue   | 1.524          | 0.060  | 3.353          | 0.132  |
| 1160497150                                                | Blue          | 1.651          | 0.065  | 3.480          | 0.137  |
| 1160497170                                                | Purple        | 2.057          | 0.081  | 3.886          | 0.153  |
| 1160497180                                                | Purple/Black  | 2.311          | 0.090  | 4.140          | 0.163  |
| 1160497190                                                | Purple/Orange | 2.540          | 0.100  | 4.369          | 0.172  |
| 1160497200                                                | Purple/White  | 2.794          | 0.110  | 4.623          | 0.182  |



## Technical Specifications:

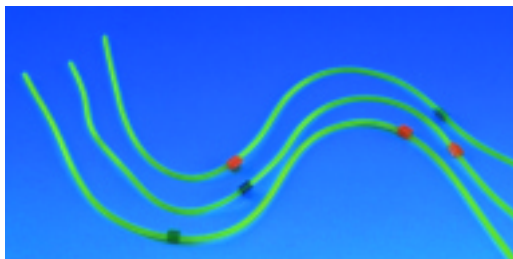
Material: VITON  
Durometer: 60 Shore A  
Color: Black  
Maximum Operating  
Temperature: 205°C (400°F)

## Acid Flexible Manifold Pump Tubing

- Extruded from a unique blend of VITON rubber to deliver longer pumping life
- Especially recommended for use with strong acids, alkalis and solvents
- Flexible enough to resist cracks and flex-fatigue in peristaltic pumps
- Every lot is precision made, vulcanized and quality tested for consistent dimensions and performance
- Wall thickness of 0.914mm/0.036"

| Code                                                      | Bridge Colors | Inner Diameter |        | Outer Diameter |        |
|-----------------------------------------------------------|---------------|----------------|--------|----------------|--------|
|                                                           |               | mm             | inches | mm             | inches |
| Length 7" (178mm), Bridge Interval 5" (127mm), 12/polybag |               |                |        |                |        |
| 1160651050                                                | Orange/Yellow | 0.508          | 0.020  | 2.337          | 0.092  |
| 1160651060                                                | Orange/White  | 0.635          | 0.025  | 2.464          | 0.097  |
| 1160651070                                                | Black/Black   | 0.762          | 0.030  | 2.591          | 0.102  |
| 1160651080                                                | Orange/Orange | 0.889          | 0.035  | 2.718          | 0.107  |
| 1160651090                                                | White/White   | 1.016          | 0.040  | 2.845          | 0.112  |
| 1160651100                                                | Red/Red       | 1.143          | 0.045  | 2.972          | 0.117  |
| 1160651110                                                | Gray/Gray     | 1.295          | 0.051  | 3.124          | 0.123  |
| 1160651120                                                | Yellow/Yellow | 1.422          | 0.056  | 3.251          | 0.128  |
| 1160651130                                                | Blue/Blue     | 1.651          | 0.065  | 3.480          | 0.137  |
| 1160651140                                                | Green/Green   | 1.854          | 0.073  | 3.683          | 0.145  |
| 1160651150                                                | Purple/Purple | 2.057          | 0.081  | 3.886          | 0.153  |
| 1160651160                                                | Purple/Black  | 2.311          | 0.091  | 4.140          | 0.163  |
| 1160651180                                                | Purple/White  | 2.794          | 0.110  | 4.623          | 0.182  |
| 1160651190                                                | Yellow/Blue   | 1.524          | 0.060  | 3.353          | 0.132  |

# Laboratory Pump Tubing



## Technical Specifications:

Material: Medical grade PVC  
(Solvent Flexible-HC is non-medical grade PVC)  
Durometer: 60 Shore A  
Color: Yellow Translucent  
Maximum Operating Temperature: 94°C (165°F)

### Medical Grade Solvent Flexible PVC Manifold Pump Tubing

- Manufactured from a uniquely formulated medical grade PVC
- Ensures long pumping life when using routine solvents in medical applications

### Non-medical grade Solvent Flexible-HC Manifold Pump Tubing

- Resists swelling and brittleness when exposed to solvents
- For use in industrial (non-medical) applications—pumping fuels, lubricants, oils, kerosene and other corrosive solvents
- Not for use with strong acids or alkalis

| Solvent Flex Code                                     | Folvent Flex-HC Code | Bridge Colors | Inner Diameter |        | Outer Diameter |        | WallThickness |        |
|-------------------------------------------------------|----------------------|---------------|----------------|--------|----------------|--------|---------------|--------|
|                                                       |                      |               | mm             | inches | mm             | inches | mm            | inches |
| 16" (406mm), Bridge Interval 5.5" (140mm), 12/Polybag |                      |               |                |        |                |        |               |        |
| 1160533040                                            | FLO0533040           | Orange/Green  | 0.381          | 0.015  | 2.210          | 0.087  | 0.914         | 0.036  |
| 1160533050                                            | FLO0533050           | Orange/Yellow | 0.508          | 0.020  | 2.337          | 0.092  | 0.914         | 0.036  |
| 1160533060                                            | FLO0533060           | Orange/White  | 0.635          | 0.025  | 2.464          | 0.097  | 0.914         | 0.036  |
| 1160533070                                            | FLO0533070           | Black         | 0.762          | 0.030  | 2.438          | 0.096  | 0.838         | 0.033  |
| 1160533080                                            | FLO0533080           | Orange        | 0.889          | 0.035  | 2.565          | 0.101  | 0.838         | 0.033  |
| 1160533090                                            | FLO0533090           | White         | 1.016          | 0.040  | 2.692          | 0.106  | 0.838         | 0.033  |
| 1160533100                                            | FLO0533100           | Red           | 1.143          | 0.045  | 2.819          | 0.111  | 0.838         | 0.033  |
| 1160533110                                            | FLO0533110           | Gray          | 1.295          | 0.051  | 2.972          | 0.117  | 0.838         | 0.033  |
| 1160533120                                            | FLO0533120           | Yellow        | 1.422          | 0.056  | 3.099          | 0.122  | 0.838         | 0.033  |
| 1160533130                                            | FLO0533130           | Blue          | 1.651          | 0.065  | 3.327          | 0.131  | 0.838         | 0.033  |
| 1160533140                                            | FLO0533140           | Green         | 1.854          | 0.073  | 3.531          | 0.139  | 0.838         | 0.033  |
| 1160533150                                            | FLO0533150           | Purple        | 2.057          | 0.081  | 3.734          | 0.147  | 0.838         | 0.033  |
| 1160533160                                            | FLO0533160           | Purple/Black  | 2.286          | 0.090  | 3.962          | 0.156  | 0.838         | 0.033  |
| 1160533190                                            | FLO0533190           | Yellow/Blue   | 1.524          | 0.060  | 3.200          | 0.126  | 0.838         | 0.033  |



# Laboratory Pump Tubing



## Technical Specifications:

Material: Medical grade PVC

Durometer: 60 Shore A

Color: Clear

Maximum Operating

Temperature: 94°C (165°F)

## ACCU-RATED PVC Tubing

- For critical applications requiring accurate and consistent flow rates
- High precision guarantees consistent flow rate from tube to tube within the same product package
- Transparent, yet has the same chemical resistance as ELKAY Standard PVC Manifold Tubing

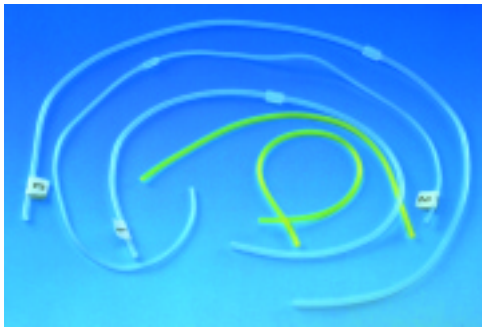
| Code                                                | Bridge Color  | Approximate<br>Outer Diameter |        | Nominal<br>Wall Thickness |        | Flow Rate<br>cc/min. |
|-----------------------------------------------------|---------------|-------------------------------|--------|---------------------------|--------|----------------------|
|                                                     |               | mm                            | inches | mm                        | inches |                      |
| 16" (406mm), Bridge Interval 6" (152mm), 12/Polybag |               |                               |        |                           |        |                      |
| 1160549010                                          | Orange/Black  | 1.956                         | 0.077  | 0.914                     | 0.036  | 0.015                |
| 1160549020                                          | Orange/Red    | 2.019                         | 0.0795 | 0.914                     | 0.036  | 0.030                |
| 1160549030                                          | Orange/Blue   | 2.083                         | 0.082  | 0.914                     | 0.036  | 0.050                |
| 1160549040                                          | Orange/Green  | 2.210                         | 0.087  | 0.914                     | 0.036  | 0.100                |
| 1160549050                                          | Orange/Yellow | 2.337                         | 0.092  | 0.914                     | 0.036  | 0.160                |
| 1160549060                                          | Orange/White  | 2.464                         | 0.097  | 0.914                     | 0.036  | 0.230                |
| 1160549070                                          | Black         | 2.438                         | 0.096  | 0.838                     | 0.033  | 0.320                |
| 1160549080                                          | Orange        | 2.565                         | 0.101  | 0.838                     | 0.033  | 0.420                |
| 1160549090                                          | White         | 2.692                         | 0.106  | 0.838                     | 0.033  | 0.600                |
| 1160549100                                          | Red           | 2.819                         | 0.111  | 0.838                     | 0.033  | 0.800                |
| 1160549110                                          | Gray          | 2.972                         | 0.117  | 0.838                     | 0.033  | 1.000                |
| 1160549120                                          | Yellow        | 3.099                         | 0.122  | 0.838                     | 0.033  | 1.200                |
| 1160549130                                          | Blue          | 3.327                         | 0.131  | 0.838                     | 0.033  | 1.600                |
| 1160549140                                          | Green         | 3.531                         | 0.139  | 0.838                     | 0.033  | 2.000                |
| 1160549150                                          | Purple        | 3.734                         | 0.147  | 0.838                     | 0.033  | 2.500                |
| 1160549160                                          | Purple/Black  | 3.962                         | 0.156  | 0.838                     | 0.033  | 2.900                |
| 1160549170                                          | Purple/Orange | 4.216                         | 0.166  | 0.838                     | 0.033  | 3.400                |
| 1160549180                                          | Purple/White  | 4.470                         | 0.176  | 0.838                     | 0.033  | 3.900                |
| 1160549190                                          | Blue/Yellow   | 3.200                         | 0.126  | 0.838                     | 0.033  | 1.400                |
| 1160549200                                          | Red/Blue      | 4.851                         | 0.012  | 0.838                     | 0.036  | 0.060                |

# Laboratory Pump Tubing

## MEDIPRENE Tubing

- MEDIPRENE Tubing is made from SANTOPRENE, a thermoplastic medical grade rubber
- Significantly longer pumping life compared to silicone
- Highly flexible tubing reduces failure and contamination
- Meets USP Class IV and FDA criterias
- Repeated sterilization by autoclaving will not effect tubing strength, shape or appearance
- Less gas permeable than silicone
- Highly resistant to UV light exposure and strong chemicals
- Wall thickness of 0.914mm/0.36"

| Code                                                   | Bridge Colors | Inner Diameter |        | Outer Diameter |        |
|--------------------------------------------------------|---------------|----------------|--------|----------------|--------|
|                                                        |               | mm             | inches | mm             | inches |
| Length 16" (406mm), Bridge Interval 6" (152mm), 12/bag |               |                |        |                |        |
| 116MEDI051                                             | Gray          | 1.295          | 0.051  | 3.124          | 0.123  |
| 116MEDI056                                             | Yellow        | 1.422          | 0.056  | 3.251          | 0.128  |
| 116MEDI073                                             | Green         | 1.854          | 0.073  | 3.683          | 0.145  |
| 116MEDI081                                             | Purple        | 2.057          | 0.081  | 3.886          | 0.153  |
| 116MEDI090                                             | Purple/Black  | 2.311          | 0.090  | 4.140          | 0.163  |
| 116MEDI110                                             | Purple/White  | 2.794          | 0.110  | 4.623          | 0.183  |



## HEMASTAIN Automated Slide Stainer Tubing

ELKAY HEMASTAIN tubing is designed for use with HEMA-TEK automated slide stainers

- Designed to meet or exceed OEM specifications and assure proper size, fit and function
- Pump tubes are individually labeled for easy identification

| Code       | Description               | Material          | Qty/Pack |
|------------|---------------------------|-------------------|----------|
| 1160537081 | Platen Tubing I Yellow 9" | Polyvinylchloride | 6        |
| 1164416000 | Pump Tubing II            | Silicone          | 3        |
| 1164482000 | Pump Tubing I             | Silicone          | 3        |

# Reference

## Tubing Chemical Compatability

|                        | PVC | Silicone | Viton |                            | PVC | Silicone | Viton |                             | PVC | Silicone | Viton |
|------------------------|-----|----------|-------|----------------------------|-----|----------|-------|-----------------------------|-----|----------|-------|
| Acetaldehyde           | 3   | 1        | 3     | Cresol                     | 3   | 1        | 1     | Nitrobenzene                | 3   | 1        | 2     |
| Acetates               | 3   | N/A      | N/A   | Cyclohexane                | 2   | 3        | 1     | Nitrogen oxides             | 1   | 3        | 3     |
| Acetic acid > 5%       | 2   | 2        | 1     | Cyclohexanone              | 3   | 3        | 3     | Nitrous acid                | 1   | N/A      | N/A   |
| Acetic acids < 5%      | 1   | 1        | 1     | Essential Oils             | 2   | N/A      | N/A   | Oils, vegetable             | 2   | 3        | 1     |
| Acetic Anhydride       | 3   | 3        | 3     | Ethers                     | 3   | 3        | 3     | Oils, mineral               | 1   | 3        | 1     |
| Acetone                | 3   | 2        | 3     | Ethyl acetate              | 3   | 3        | 3     | Oleic acid                  | 3   | 3        | 3     |
| Acetonitrile           | 3   | N/A      | 3     | Ethyl bromide              | 3   | 3        | 1     | Oxalic acid                 | 1   | 2        | 1     |
| Acetyl bromide         | 3   | 3        | 3     | Ethyl chloride             | 3   | 3        | 1     | Oxygen (gas)                | 1   | 2        | 2     |
| Acetyl chloride        | 3   | 3        | 3     | Ethylene chlorohydrin      | 2   | 2        | 3     | Perchloric acid             | 3   | 3        | 1     |
| Air                    | 1   | 1        | 1     | Ethylene glycol            | 2   | 1        | 1     | Phenol                      | 2   | 3        | 1     |
| Alcohols               | 2   | 3        | 3     | Fatty acids                | 1   | 3        | 1     | Phosphoric acid (50%)       | 1   | 3        | 1     |
| Aliphatic hydrocarbons | 2   | 2        | 2     | Ferric & ferric salts      | 2   | 3        | 1     | Phthalic acid               | 1   | N/A      | N/A   |
| Aluminum chloride      | 1   | 3        | 1     | Ferric chloride            | 1   | 2        | 1     | Plating solutions           | 1   | 3        | 1     |
| Aluminum sulfate       | N/A | 1        | 1     | Ferric sulfate             | 1   | 2        | 1     | Potassium hydroxide (med.)  | 1   | 2        | 2     |
| Alums                  | 1   | 1        | 1     | Ferrous chloride           | 1   | 2        | 1     | Potassium hydroxide (conc.) | 1   | 3        | 2     |
| Ammonia (gas-liquid)   | 2   | 2        | 3     | Ferrous sulfate            | 1   | 2        | 1     | Potassium iodide            | 1   | 1        | 1     |
| Ammonia acetate        | 1   | 1        | 3     | Fluoborate salts           | 1   | N/A      | N/A   | Potassium salts             | 1   | 1        | 1     |
| Ammonium carbonate     | N/A | N/A      | N/A   | Fluoboric acid             | 1   | N/A      | N/A   | Pyridine                    | 3   | 3        | 3     |
| Ammonium chloride      | 1   | 2        | 1     | Fluosilicic acid           | 1   | N/A      | 1     | Silver nitrate              | 1   | 1        | 1     |
| Ammonium hydroxide     | 2   | 1        | 2     | Formaldehyde               | 2   | 2        | 2     | Soap solutions              | 1   | 1        | 1     |
| Ammonium nitrate       | 1   | 1        | 1     | Formic acid                | 2   | 3        | 3     | Sodium bicarbonate          | 1   | 1        | 1     |
| Ammonium phosphate     | 1   | 1        | 1     | Freon                      | 3   | 3        | 3     | Sodium bisulfate            | N/A | 1        | 1     |
| Ammonium salts         | 1   | 1        | 3     | Glucose                    | 1   | 1        | 1     | Sodium borate               | N/A | 1        | 1     |
| Ammonium sulfate       | 1   | 1        | 1     | Glycerine                  | 2   | 2        | 3     | Sodium carbonate            | N/A | 1        | 1     |
| Amyl acetate           | 3   | 3        | 3     | Hydriodic acid             | 1   | N/A      | N/A   | Sodium chloride             | 1   | 2        | 1     |
| Amyl alcohol           | 2   | 3        | 3     | Hydro-bromic acid          | 1   | 3        | 1     | Sodium hydroxide (dil.)     | 1   | 2        | 1     |
| Amyl chloride          | 2   | 3        | 2     | Hydrochloric acid          | 1   | 1        | 1     | Sodium hydroxide, 25%       | 1   | 3        | 2     |
| Aniline                | 3   | 3        | 3     | Hydrochloric acid (dil.)   | 1   | 3        | 1     | Sodium hydroxide (conc.)    | 1   | 2        | 2     |
| Aniline hydrochloride  | 3   | 3        | 3     | Hydrochloric acid (conc.)  | 1   | 3        | 1     | Sodium hypochlorite <5%     | 2   | 2        | 1     |
| Antimony salts         | 1   | 1        | 1     | Hydrocyanic acid           | 1   | 3        | 1     | Sodium hypochlorite >5%     | 2   | 2        | 2     |
| Aqua regia             | 3   | 3        | 3     | Hydrofluoric acid          | 2   | 3        | 1     | Sodium salts                | 1   | 1        | 1     |
| Arsenic salts          | 1   | 1        | 1     | Hydrogen peroxide (dil.)   | 1   | 3        | 1     | Stearic acid                | 1   | 2        | 1     |
| Barium salts           | 1   | 1        | 1     | Hydrogen sulfide           | 1   | 3        | 3     | Sulfur chloride             | 2   | 3        | 1     |
| Benzaldehyde           | 3   | 3        | 3     | Hydrochlorous acid         | 1   | 1        | 1     | Sulfur dioxide              | 2   | 2        | 2     |
| Benzene                | 2   | 3        | 2     | Iodine and solutions       | 1   | 3        | 2     | Sulfur trioxide             | 2   | 3        | 1     |
| Benzenesulfonic acid   | 2   | 3        | 2     | Ketones                    | 3   | N/A      | N/A   | Sulfuric acid (dil.)        | 1   | 3        | 1     |
| Benzoic acid           | 1   | 2        | 1     | Lacquer solvents           | 3   | 3        | N/A   | Sulfuric acid (med.conc.)   | 1   | 3        | 1     |
| Benzyl alcohol         | 2   | 2        | 1     | Lactic acid                | 1   | 1        | 1     | Sulfuric acid (conc.)       | 3   | 3        | 2     |
| Bleaching liquors      | 2   | 3        | 1     | Lead acetate               | N/A | 3        | N/A   | Sulfurous acid              | 1   | 3        | 1     |
| Boric acid             | 1   | 1        | 1     | Lead salts                 | 1   | 3        | 1     | Tannic acid                 | 1   | 3        | 1     |
| Bromine 1              | 1   | 3        | 1     | Linseed oil                | 3   | 3        | 3     | Tanning extracts            | 1   | N/A      | N/A   |
| Butane                 | 2   | 3        | 1     | Magnesium chloride         | 1   | 1        | 1     | Tartaric acid               | 1   | 1        | 1     |
| Butanol                | 2   | 3        | 1     | Magnesium sulfate          | N/A | 1        | 1     | Tin salts                   | 1   | N/A      | 1     |
| Butyric acid           | 2   | 3        | N/A   | Malic acid                 | 1   | 2        | 1     | Titanium salts              | 1   | 3        | 1     |
| Calcium oxide          | N/A | 1        | N/A   | Manganese salts            | 1   | 1        | 1     | Toluol                      | 3   | 3        | 3     |
| Calcium salts          | 1   | 2        | 1     | Mercury salts              | 1   | 1        | 1     | Tri-sodium phosphate        | 1   | 1        | 1     |
| Carbon dioxide         | 1   | 2        | 3     | Methanol                   | 1   | 1        | 3     | Trichloroacetic acid        | 2   | 3        | 3     |
| Carbon bisulfide       | 3   | N/A      | 1     | Methyl chloride            | 3   | 3        | 1     | Turpentine                  | 2   | 3        | 1     |
| Carbon tetrachloride   | 3   | 3        | 1     | Mixed acid                 |     |          |       | Urea                        | 1   | 1        | 3     |
| Chlorine (dry)         | 1   | 3        | 1     | (40% sulfuric, 15% nitric) | 2   | 3        | 1     | Uric acid                   | 1   | 1        | 1     |
| Chlorine (wet)         | 2   | 3        | 1     | Naphtha                    | 2   | 3        | 1     | Water, fresh                | 1   | 1        | 1     |
| Chloroacetic acid      | 3   | 3        | 3     | Natural gas                | 1   | 1        | 1     | Water, salt                 | 1   | 1        | 1     |
| Chromic acid           | 1   | 3        | 1     | Nickle salts               | 1   | 1        | 1     | Xylene                      | 3   | 3        | 1     |
| Chromium salts         | 1   | N/A      | N/A   | Nitric acid (dil.)         | 1   | 2        | 1     | Zinc chloride               | 1   | 3        | 1     |
| Copper salts           | 1   | 1        | 1     | Nitric acid (med.conc.)    | 1   | 3        | 1     |                             |     |          |       |
|                        |     |          |       | Nitric acid (conc.)        | 2   | 3        | 2     |                             |     |          |       |

**Code 1: Recommended**

**Code 2: Acceptable but evaluation under specific operating conditions advisable.**

**Code 3: Not recommended.**

**N/A: Data not available.**

The information in this chart is to be used only as a general guideline. Performance may vary because of the many factors that can affect the chemical resistance of a given product. ELKAY Products does not warrant (either implied or expressed) that the information in this table is accurate or complete or that any material is suitable for the stated use.

## Plastics Physical Properties (Reference Only)

| Process                           | Polystyrene  | Poylypropylene | High-Density Polyethylene | Low Density Polyethylene | Acrylic     |
|-----------------------------------|--------------|----------------|---------------------------|--------------------------|-------------|
| Autoclavable                      | NO           | YES            | NO                        | NO                       | NO          |
| Chemical Sterilization            | NO           | YES            | YES                       | YES                      | NO          |
| Dry Heat Sterilization at 160°C   | NO           | NO             | NO                        | NO                       | NO          |
| Radiation Sterilization           | YES          | YES            | YES                       | YES                      | YES         |
| Gas Sterilization, Ethylene Oxide | YES          | YES            | YES                       | YES                      | YES         |
| Brittle Temperature               | 0°C (32°F)   | -40°C (-40°F)  | -40°C (-40°F)             | -40°C (-40°F)            | —           |
| Heat Distortion Temperature       | 70°C (158°F) | 135°C (275°F)  | 121°C (250°F)             | 50°C (90°F)              | 50°C (90°F) |
| Specific Gravity                  | 1.040        | 0.903          | 0.944                     | 0.92                     | 1.20        |
| Transparency                      | Clear        | Translucent    | Translucent               | Translucent              | Clear       |

## Plastic Chemical Compatabilities

| Chemical Class                     | Polypropylene | Polyethylene | Polystyrene | Acrylic |
|------------------------------------|---------------|--------------|-------------|---------|
| Aliphatic Hydrocarbon              | Fair          | Fair         | Poor        | Good    |
| Aromatic Hydrocarbons              | Fair          | Fair         | Poor        | Poor    |
| Full Halogenated Hydrocarbons      | Poor          | Poor         | Poor        | Poor    |
| Partially Halogenated Hydrocarbons | Poor          | Poor         | Poor        | Poor    |
| Alcohols—Monohydric                | Good          | Fair         | Good        | Poor    |
| Polyhydric                         | Excellent     | Good         | Good        | Poor    |
| Phenols                            | Poor          | Excellent    | Poor        | Poor    |
| Ketones                            | Good          | Good         | Poor        | Poor    |
| Esters                             | Good          | Good         | Poor        | Poor    |
| Ethers                             | Fair          | Good         | Poor        | Poor    |
| Inorganic Acids—Concentrated       | Excellent     | Good         | Fair        | Fair    |
| Inorganic Acids—Dilute             | Excellent     | Excellent    | Good        | Good    |
| Bases—Concentrated                 | Excellent     | Good         | Fair        | Fair    |
| Bases—Dilute                       | Excellent     | Good         | Excellent   | Fair    |
| Salts—Acid                         | Excellent     | Excellent    | Good        | Good    |
| Neutral                            | Excellent     | Excellent    | Excellent   | Good    |
| Basic                              | Excellent     | Excellent    | Good        | Good    |
| Organic Acids—Concentrated         | Good          | Excellent    | Poor        | Poor    |
| Organic Acids—Dilute               | Excellent     | Excellent    | Fair        | Poor    |
| Oxidizing Agents—Concentrated      | Poor          | Poor         | Poor        | Poor    |
| Oxidizing Agents—Dilute            | Good          | Good         | Fair        | Poor    |

# Index

| Code       | Product                                                                | Page |
|------------|------------------------------------------------------------------------|------|
| 0000000003 | SPINEZE Jar 1 lb./0.45kg                                               | 38   |
| 0000000018 | 2 - 13/16" (71mm), Blue , 101-1000µl                                   | 10   |
| 0000000019 | Beckman Tip, 10-500µl, 2 3/4" (70mm), Non-Sterile                      | 10   |
| 0000000024 | 2 - 19/32" (66mm), Natural                                             | 10   |
| 0000000030 | DILU-VIAL, 72/tray, 2 trays/pk                                         | 37   |
| 0000000151 | 15ml Tube, 100/Box                                                     | 19   |
| 0000000A24 | 2 - 19/32" (66mm), Natural                                             | 10   |
| 000008000B | 80-Hole MCT Rack, Blue                                                 | 22   |
| 000008000N | 80-Hole MCT Rack, Natural                                              | 22   |
| 000008000R | 80-Hole MCT Rack, Red                                                  | 22   |
| 000008000Y | 80-Hole MCT Rack, Yellow                                               | 22   |
| 0002001STR | Polystyrene Sterile Culture Tubes, 17 x 100 With Press Snap Cap        | 23   |
| 0002003STR | Polystyrene Sterile Culture Tubes, 12 x 75mm With Press Snap Cap       | 23   |
| 0002005STR | Polypropylene Sterile Culture Tubes, 12 x 75mm With Press Snap Cap     | 23   |
| 0002006STR | Polypropylene Sterile Culture Tubes, 17 x 100 With Press Snap Cap      | 23   |
| 0002016000 | Polystyrene Test Tubes 16 x 100mm Without Cap, 4 x 250/Bag             | 24   |
| 0002017001 | Polystyrene Test Tubes 17 x 100mm Without Cap, 4 x 250/Bag             | 24   |
| 0002018001 | Polypropylene Test Tubes 17 x 100mm Without Cap, 4 x 250/Bag           | 24   |
| 0002024001 | Polypropylene Test Tubes 16 x 125mm Without Cap, 2 x 500/Bag           | 24   |
| 0002025BX1 | Polystyrene, without cap 13 x 100 Tube, 4 x 250/box                    | 25   |
| 0002025STR | Polystyrene Sterile Culture Tubes, 16 x 125 With Screw Cap             | 23   |
| 0002026001 | Polypropylene Test Tubes 13 x 100mm Without Cap, 4 x 250/Bag           | 24   |
| 0002026BX1 | Polypropylene, without cap 13 x 100 Tube, 4 x 250/box                  | 25   |
| 0002027NST | Polystyrene Test Tubes 13 x 100mm Threaded With Screw Cap, 4 x 250/Bag | 24   |
| 0002027STR | Polystyrene Sterile Culture Tubes, 13 x 100 With Screw Cap             | 23   |
| 0002030000 | Press Snap Cap                                                         | 27   |
| 0002031000 | Press Snap Cap                                                         | 27   |
| 0002032000 | Press Snap Cap                                                         | 27   |
| 0002032PRO | Press Snap Cap                                                         | 27   |
| 0002037STR | Polystyrene Sterile Culture Tubes, 16 x 125 With Screw Cap             | 23   |
| 0002045NST | Polystyrene Test Tubes 16 x 150mm Threaded With Screw Cap, 4 X 250/Bag | 24   |
| 0002045STR | Polystyrene Sterile Culture Tubes, 16 x 150 With Screw Cap             | 23   |
| 0002051STR | Polystyrene Sterile Culture Tubes, 17 x 100 With Snap Cap              | 23   |
| 0002052BX1 | Polystyrene, without cap 12 x 75mm Tube, 4 x 250/box                   | 25   |
| 0002052P01 | 12 x 75mm Polystyrene Tube                                             | 25   |
| 0002052STR | Polystyrene Sterile Culture Tubes, 12 x 75 Without Cap                 | 23   |
| 0002053BX1 | Polypropylene, without cap 12 x 75mm Tube, 4 x 250/box                 | 25   |
| 0002053P01 | Printed Test Tubes 12 x 75mm Polypropylene Tube                        | 25   |
| 0002053STR | Polypropylene Sterile Culture Tubes, 12 x 75 Without Cap               | 23   |
| 0002054000 | Polystyrene Test Tubes 12 x 75mm With Press Snap Cap, 1,000/pk         | 24   |
| 0002054STR | Polystyrene Sterile Culture Tubes, 12 x 75 With Press Snap Cap         | 23   |
| 0002055500 | Polystyrene Test Tubes 12 x 55mm Without Cap, 4 x 250/Bag              | 24   |
| 0002057STR | Polystyrene Sterile Culture Tubes, 17 x 100 With Press Snap Cap        | 23   |
| 0002058STR | Polystyrene Sterile Culture Tubes, 12 x 75 With Press Snap Cap         | 23   |
| 0002059STR | Polypropylene Sterile Culture Tubes, 17 x 100 With Press Snap Cap      | 23   |
| 0002063000 | Polypropylene Test Tubes 12 x 75mm With Press Snap Cap, 1,000/pk       | 24   |
| 0002063STR | Polypropylene Sterile Culture Tubes, 12 x 75 With Press Snap Cap       | 23   |
| 0002081STP | 15ml Sterile Centrifuge Tubes, 15ml Polypropylene, 25/Box              | 20   |
| 0002081STR | 15ml Sterile Centrifuge Tubes, 15ml Polypropylene, 25/Box              | 20   |
| 0002082STP | 50ml Centrifuge Tubes – Sterile                                        | 21   |
| 0002082STR | 50ml Centrifuge Tubes – Sterile                                        | 21   |
| 0002083STP | 15ml Sterile Centrifuge Tubes, 15ml Polystyrene, 25/Box                | 20   |
| 0002083STR | 15ml Sterile Centrifuge Tubes, 15ml Polystyrene, 25/Box                | 20   |
| 0002086000 | 15ml Tube with Natural Plug Seal Screw Cap, Metal Free                 | 19   |
| 000208700P | 15ml Tube with White Screw Cap, Bulk                                   | 19   |
| 0002088000 | 15ml Tube with Blue Plug Seal Screw Cap, Bulk                          | 19   |
| 000208800P | 15ml Tube with Blue Plug Screw Cap, Bulk                               | 19   |
| 0002090STP | 50ml Centrifuge Tubes – Sterile                                        | 21   |
| 0002090STR | 50ml Centrifuge Tubes – Sterile                                        | 21   |
| 0002092000 | 50ml Non-Sterile Centrifuge Tubes, Elkay Brand                         | 20   |
| 000209200P | 50ml Non-Sterile Centrifuge Tubes, Elkay Brand                         | 20   |
| 0002093000 | 50ml Non-Sterile Centrifuge Tubes, Elkay Brand                         | 20   |
| 0002093000 | 50ml Tube with Blue Plug Screw Cap, 50/Box, 500/pk                     | 18   |
| 000209300P | 50ml Non-Sterile Centrifuge Tubes, Elkay Brand                         | 20   |
| 000209300P | 50ml Tube with Blue Plug Screw Cap, 50/Box, 500/pk                     | 18   |
| 0002093STR | 50ml Centrifuge Tubes – Sterile                                        | 21   |
| 0002093STR | 50ml Tube with Blue Plug Screw Cap, 25/Box, 500/pk, Sterile            | 18   |
| 0002096000 | 50ml Non-Sterile Centrifuge Tubes, Elkay Brand                         | 20   |
| 0002098STP | 15ml Sterile Centrifuge Tubes, 15ml Polypropylene, 50/Rack             | 20   |
| 0002098STR | 15ml Sterile Centrifuge Tubes, 15ml Polypropylene, 50/Rack             | 20   |
| 0002099STP | 15ml Sterile Centrifuge Tubes, 15ml Polystyrene, 50/Rack               | 20   |
| 0002099STR | 15ml Sterile Centrifuge Tubes, 15ml Polystyrene, 50/Rack               | 20   |
| 000AUT1A18 | 2 - 13/16" (71mm), Blue , 101-1000µl                                   | 10   |
| 000BULK030 | DILU-VIAL Bulk, 1,000/pk                                               | 37   |
| 000BULK150 | 15ml Tube, Bulk                                                        | 19   |
| 000BULK151 | 15ml Tube, Bulk                                                        | 19   |
| 000HXCS052 | HEXACASE Storage System, Blue, 5/pk 50                                 | 21   |
| 000HXCS053 | HEXACASE Storage System, Green, 5/pk 50                                | 21   |
| 000HXCS054 | HEXACASE Storage System, Violet, 5/pk 50                               | 21   |
| 000HXCSAST | HEXACASE Storage System, Assorted Colors, 5/pk 50                      | 21   |

| Code       | Product                                                                           | Page |
|------------|-----------------------------------------------------------------------------------|------|
| 000MICR026 | MCT 250ul with Cap, Polyethylene, Natural                                         | 14   |
| 000MICR040 | MCT 400ul, with Cap, Natural                                                      | 14   |
| 000MICR041 | MCT 400ul with Cap, Polyethylene, Natural                                         | 14   |
| 000MICR050 | 0.5ml Micorcentrifuge Tubes, Natural                                              | 14   |
| 000MICR052 | 0.5ml Micorcentrifuge Tubes, Blue                                                 | 14   |
| 000MICR053 | 0.5ml Micorcentrifuge Tubes, Green                                                | 14   |
| 000MICR054 | 0.5ml Micorcentrifuge Tubes, Yellow                                               | 14   |
| 000MICR055 | 0.5ml Micorcentrifuge Tubes, Lavendar                                             | 14   |
| 000MICR056 | 0.5ml Micorcentrifuge Tubes, Orange                                               | 14   |
| 000MICR057 | 0.5ml Micorcentrifuge Tubes, Red                                                  | 14   |
| 000MICR058 | 0.5ml Micorcentrifuge Tubes, Amber                                                | 14   |
| 000MICR05A | 0.5ml Micorcentrifuge Tubes, Assorted Colors                                      | 14   |
| 000MICR120 | Autotube, 1.2ml, Bulk, 1000/pk                                                    | 13   |
| 000MICR150 | 1.5ml Micorcentrifuge Tubes, Natural                                              | 14   |
| 000MICR152 | 1.5ml Micorcentrifuge Tubes, Blue                                                 | 14   |
| 000MICR153 | 1.5ml Micorcentrifuge Tubes, Green                                                | 14   |
| 000MICR154 | 1.5ml Micorcentrifuge Tubes, Yellow                                               | 14   |
| 000MICR156 | 1.5ml Micorcentrifuge Tubes, Orange                                               | 14   |
| 000MICR157 | 1.5ml Micorcentrifuge Tubes, Red                                                  | 14   |
| 000MICR158 | 1.5ml Micorcentrifuge Tubes, Amber                                                | 14   |
| 000MICR15A | 1.5ml Micorcentrifuge Tubes, Assorted Colors                                      | 14   |
| 000MICR15L | 1.5ml Micorcentrifuge Tubes, Lavendar                                             | 14   |
| 000MICR15M | 1.5ml Micorcentrifuge Tubes, Natural, Metal Free                                  | 14   |
| 000MICR200 | 2.0ml Micorcentrifuge Tubes, Natural                                              | 14   |
| 000MICR202 | 2.0ml Micorcentrifuge Tubes, Blue                                                 | 14   |
| 000MICR203 | 2.0ml Micorcentrifuge Tubes, Green                                                | 14   |
| 000MICR204 | 2.0ml Micorcentrifuge Tubes, Yellow                                               | 14   |
| 000MICR205 | 2.0ml Micorcentrifuge Tubes, Lavendar                                             | 14   |
| 000MICR206 | 2.0ml Micorcentrifuge Tubes, Orange                                               | 14   |
| 000MICR207 | 2.0ml Micorcentrifuge Tubes, Red                                                  | 14   |
| 000MICR208 | 2.0ml Micorcentrifuge Tubes, Amber                                                | 14   |
| 000MICR20A | 2.0ml Micorcentrifuge Tubes, Assorted Colors                                      | 14   |
| 000MICRSTR | 1.5ml Micorcentrifuge Tubes, Natural, Sterile                                     | 14   |
| 000STE1A18 | 2 - 13/16" (71mm), Blue, 101-1000µl                                               | 10   |
| 000STERA24 | 2 - 19/32" (66mm), Natural                                                        | 10   |
| 000STRP008 | Autotube Caps, 8 per Strip, 960/Pack, Non-Sterile                                 | 13   |
| 000STRPST8 | Autotube Caps, 8 per Strip, 10 Bags of 96, 12 X 8/Strip, Indiv. Packaged, Sterile | 13   |
| 001MICR096 | Autotube, 1.2ml, Autopack With ID Card, 10 racks of 96/Pack                       | 13   |
| 001MICRS96 | Autotube, 1.2ml, Autopack, 96 per Tray, 10 racks of 96/Pack, Sterile              | 13   |
| 00W2088000 | 15ml Tube with White Tite Seal Cap                                                | 19   |
| 00W20985TP | 15ml Sterile Centrifuge Tubes, 15ml Polypropylene                                 | 20   |
| 00W2099SPT | 15ml Sterile Centrifuge Tubes, 15ml Polystyrene                                   | 20   |
| 00W2099STR | 15ml Sterile Centrifuge Tubes, 15ml Polystyrene                                   | 20   |
| 096WELL001 | Uniwel Mircowell Plate, No Lid, Non-Sterile, 100/pk                               | 12   |
| 1160497080 | Silicone Tubing, Black 0.762                                                      | 50   |
| 1160497090 | Silicone Tubing, Orange 0.889                                                     | 50   |
| 1160497100 | Silicone Tubing, White 0.016                                                      | 50   |
| 1160497110 | Silicone Tubing, Red 1.143                                                        | 50   |
| 1160497120 | Silicone Tubing, Gray 1.295                                                       | 50   |
| 1160497130 | Silicone Tubing, Yellow 1.422                                                     | 50   |
| 1160497140 | Silicone Tubing, Yellow/Blue 1.524                                                | 50   |
| 1160497150 | Silicone Tubing, Blue 1.651                                                       | 50   |
| 1160497170 | Silicone Tubing, Purple 2.057                                                     | 50   |
| 1160497180 | Silicone Tubing, Purple/Black 2.311                                               | 50   |
| 1160497190 | Silicone Tubing, Purple/Orange 2.540                                              | 50   |
| 1160497200 | Silicone Tubing, Purple/White 2.794                                               | 50   |
| 1160532010 | Standard PVC Manifold Pump Tubing, Orange/Black 0.127                             | 49   |
| 1160532020 | Standard PVC Manifold Pump Tubing, Orange/Red 0.191                               | 49   |
| 1160532030 | Standard PVC Manifold Pump Tubing, Orange/Blue 0.254                              | 49   |
| 1160532040 | Standard PVC Manifold Pump Tubing, Orange/Green 0.381                             | 49   |
| 1160532050 | Standard PVC Manifold Pump Tubing, Orange/Yellow 0.508                            | 49   |
| 1160532060 | Standard PVC Manifold Pump Tubing, Orange/White 0.635                             | 49   |
| 1160532070 | Standard PVC Manifold Pump Tubing, Black 0.762                                    | 49   |
| 1160532080 | Standard PVC Manifold Pump Tubing, Orange 0.889                                   | 49   |
| 1160532090 | Standard PVC Manifold Pump Tubing, White 1.016                                    | 49   |
| 1160532100 | Standard PVC Manifold Pump Tubing, Red 1.143                                      | 49   |
| 1160532110 | Standard PVC Manifold Pump Tubing, Gray 1.295                                     | 49   |
| 1160532120 | Standard PVC Manifold Pump Tubing, Yellow 1.422                                   | 49   |
| 1160532130 | Standard PVC Manifold Pump Tubing, Blue 1.651                                     | 49   |
| 1160532140 | Standard PVC Manifold Pump Tubing, Green 1.854                                    | 49   |
| 1160532150 | Standard PVC Manifold Pump Tubing, Purple 2.057                                   | 49   |
| 1160532160 | Standard PVC Manifold Pump Tubing, Purple/Black 2.286                             | 49   |
| 1160532170 | Standard PVC Manifold Pump Tubing, Purple/Orange 2.540                            | 49   |
| 1160532190 | Standard PVC Manifold Pump Tubing, Yellow/Blue 1.524                              | 49   |
| 1160532200 | Standard PVC Manifold Pump Tubing, Black/White 3.175                              | 49   |
| 1160533040 | Medical Grade Solvent Flexible PVC Manifold Pump Tubing                           | 51   |
| 1160533050 | Medical Grade Solvent Flexible PVC Manifold Pump Tubing                           | 51   |
| 1160533060 | Medical Grade Solvent Flexible PVC Manifold Pump Tubing                           | 51   |
| 1160533070 | Medical Grade Solvent Flexible PVC Manifold Pump Tubing                           | 51   |
| 1160533080 | Medical Grade Solvent Flexible PVC Manifold Pump Tubing                           | 51   |



# Index

| Code       | Product                                                             | Page |
|------------|---------------------------------------------------------------------|------|
| 1160533090 | Medical Grade Solvent Flexible PVC Manifold Pump Tubing             | 51   |
| 1160533100 | Medical Grade Solvent Flexible PVC Manifold Pump Tubing             | 51   |
| 1160533110 | Medical Grade Solvent Flexible PVC Manifold Pump Tubing             | 51   |
| 1160533120 | Medical Grade Solvent Flexible PVC Manifold Pump Tubing             | 51   |
| 1160533130 | Medical Grade Solvent Flexible PVC Manifold Pump Tubing             | 51   |
| 1160533140 | Medical Grade Solvent Flexible PVC Manifold Pump Tubing             | 51   |
| 1160533150 | Medical Grade Solvent Flexible PVC Manifold Pump Tubing             | 51   |
| 1160533160 | Medical Grade Solvent Flexible PVC Manifold Pump Tubing             | 51   |
| 1160533190 | Medical Grade Solvent Flexible PVC Manifold Pump Tubing             | 51   |
| 1160536010 | Standard PVC Running Foot Tubing                                    | 46   |
| 1160536030 | Standard PVC Running Foot Tubing                                    | 46   |
| 1160536040 | Standard PVC Running Foot Tubing                                    | 46   |
| 1160536050 | Standard PVC Running Foot Tubing                                    | 46   |
| 1160536070 | Standard PVC Running Foot Tubing                                    | 46   |
| 1160536080 | Standard PVC Running Foot Tubing                                    | 46   |
| 1160536090 | Standard PVC Running Foot Tubing                                    | 46   |
| 1160536100 | Standard PVC Running Foot Tubing                                    | 46   |
| 1160536110 | Standard PVC Running Foot Tubing                                    | 46   |
| 1160536120 | Standard PVC Running Foot Tubing                                    | 46   |
| 1160536130 | Standard PVC Running Foot Tubing                                    | 46   |
| 1160536150 | Standard PVC Running Foot Tubing                                    | 46   |
| 1160536190 | Standard PVC Running Foot Tubing                                    | 46   |
| 1160536200 | Standard PVC Running Foot Tubing                                    | 46   |
| 1160537030 | Medical Grade Solvent Flexible PVC Pump Running Foot Tubing         | 48   |
| 1160537040 | Medical Grade Solvent Flexible PVC Pump Running Foot Tubing         | 48   |
| 1160537050 | Medical Grade Solvent Flexible PVC Pump Running Foot Tubing         | 48   |
| 1160537060 | Medical Grade Solvent Flexible PVC Pump Running Foot Tubing         | 48   |
| 1160537080 | Medical Grade Solvent Flexible PVC Pump Running Foot Tubing         | 48   |
| 1160537081 | HemaStain Automated Slide Stainer Tubing, Platen Tubing I Yellow 9" | 53   |
| 1160537090 | Medical Grade Solvent Flexible PVC Pump Running Foot Tubing         | 48   |
| 1160537170 | Medical Grade Solvent Flexible PVC Pump Running Foot Tubing         | 48   |
| 1160537180 | Medical Grade Solvent Flexible PVC Pump Running Foot Tubing         | 48   |
| 1160537190 | Medical Grade Solvent Flexible PVC Pump Running Foot Tubing         | 48   |
| 1160538050 | Acid Flexible Running Foot Tubing                                   | 47   |
| 1160538060 | Acid Flexible Running Foot Tubing                                   | 47   |
| 1160538070 | Acid Flexible Running Foot Tubing                                   | 47   |
| 1160538080 | Acid Flexible Running Foot Tubing                                   | 47   |
| 1160538090 | Acid Flexible Running Foot Tubing                                   | 47   |
| 1160538100 | Acid Flexible Running Foot Tubing                                   | 47   |
| 1160538110 | Acid Flexible Running Foot Tubing                                   | 47   |
| 1160538120 | Acid Flexible Running Foot Tubing                                   | 47   |
| 1160538130 | Acid Flexible Running Foot Tubing                                   | 47   |
| 1160538140 | Acid Flexible Running Foot Tubing                                   | 47   |
| 1160538150 | Acid Flexible Running Foot Tubing                                   | 47   |
| 1160538160 | Acid Flexible Running Foot Tubing                                   | 47   |
| 1160538170 | Acid Flexible Running Foot Tubing                                   | 47   |
| 1160538180 | Acid Flexible Running Foot Tubing                                   | 47   |
| 1160538190 | Acid Flexible Running Foot Tubing                                   | 47   |
| 1160549010 | ACCU-RATED PVC Tubing, Orange/Black                                 | 52   |
| 1160549020 | ACCU-RATED PVC Tubing, Orange/Red                                   | 52   |
| 1160549030 | ACCU-RATED PVC Tubing, Orange/Blue                                  | 52   |
| 1160549040 | ACCU-RATED PVC Tubing, Orange/Green                                 | 52   |
| 1160549050 | ACCU-RATED PVC Tubing, Orange/Yellow                                | 52   |
| 1160549060 | ACCU-RATED PVC Tubing, Orange/White                                 | 52   |
| 1160549070 | ACCU-RATED PVC Tubing, Black                                        | 52   |
| 1160549080 | ACCU-RATED PVC Tubing, Orange                                       | 52   |
| 1160549090 | ACCU-RATED PVC Tubing, White                                        | 52   |
| 1160549100 | ACCU-RATED PVC Tubing, Red                                          | 52   |
| 1160549110 | ACCU-RATED PVC Tubing, Gray                                         | 52   |
| 1160549120 | ACCU-RATED PVC Tubing, Yellow                                       | 52   |
| 1160549130 | ACCU-RATED PVC Tubing, Blue                                         | 52   |
| 1160549140 | ACCU-RATED PVC Tubing, Green                                        | 52   |
| 1160549150 | ACCU-RATED PVC Tubing, Purple                                       | 52   |
| 1160549160 | ACCU-RATED PVC Tubing, Purple/Black                                 | 52   |
| 1160549170 | ACCU-RATED PVC Tubing, Purple/Orange                                | 52   |
| 1160549180 | ACCU-RATED PVC Tubing, Purple/White                                 | 52   |
| 1160549190 | ACCU-RATED PVC Tubing, Blue/Yellow                                  | 52   |
| 1160549200 | ACCU-RATED PVC Tubing, Red/Blue                                     | 52   |
| 1160651050 | Acid Flexible Manifold Pump Tubing, Orange/Yellow 0.508             | 50   |
| 1160651060 | Acid Flexible Manifold Pump Tubing, Orange/White 0.635              | 50   |
| 1160651070 | Acid Flexible Manifold Pump Tubing, Black/Black 0.762               | 50   |
| 1160651080 | Acid Flexible Manifold Pump Tubing, Orange/Orange 0.889             | 50   |
| 1160651090 | Acid Flexible Manifold Pump Tubing, White/White 1.016               | 50   |
| 1160651100 | Acid Flexible Manifold Pump Tubing, Red/Red 1.143                   | 50   |
| 1160651110 | Acid Flexible Manifold Pump Tubing, Gray/Gray 1.295                 | 50   |
| 1160651120 | Acid Flexible Manifold Pump Tubing, Yellow/Yellow 1.422             | 50   |
| 1160651130 | Acid Flexible Manifold Pump Tubing, Blue/Blue 1.651                 | 50   |
| 1160651140 | Acid Flexible Manifold Pump Tubing, Green/Green 1.854               | 50   |
| 1160651150 | Acid Flexible Manifold Pump Tubing, Purple/Purple 2.057             | 50   |
| 1160651160 | Acid Flexible Manifold Pump Tubing, Purple/Black 2.311              | 50   |

| Code       | Product                                                          | Page |
|------------|------------------------------------------------------------------|------|
| 1160651180 | Acid Flexible Manifold Pump Tubing, Purple/White 2.794           | 50   |
| 1160651190 | Acid Flexible Manifold Pump Tubing, Yellow/Blue 1.524            | 50   |
| 1164416000 | HemaStain Automated Slide Stainer Tubing, Pump Tubing II         | 53   |
| 1164482000 | HemaStain Automated Slide Stainer Tubing, Pump Tubing I          | 53   |
| 116MEDI051 | Mediprene Tubing, Gray                                           | 53   |
| 116MEDI056 | Mediprene Tubing, Yellow                                         | 53   |
| 116MEDI073 | Mediprene Tubing, Green                                          | 53   |
| 116MEDI081 | Mediprene Tubing, Purple                                         | 53   |
| 116MEDI090 | Mediprene Tubing, Purple/Black                                   | 53   |
| 116MEDI110 | Mediprene Tubing, Purple/White                                   | 53   |
| 116R497080 | Silicone Running Foot Tubing                                     | 47   |
| 116R497140 | Silicone Running Foot Tubing                                     | 47   |
| 116R497180 | Silicone Running Foot Tubing                                     | 47   |
| 116R497200 | Silicone Running Foot Tubing                                     | 47   |
| 12400      | High Value 13000 Series, 5 oz Graduated Containers - Snap Caps   | 16   |
| 12500      | High Value 13000 Series, 5 oz Graduated Containers - Snap Caps   | 16   |
| 127P225000 | LIQUIPETTE Transfer Pipettes, Graduated                          | 3    |
| 127P274000 | LIQUIPETTE Transfer Pipettes, Blood Bank                         | 3    |
| 127P406000 | LIQUIPETTE Transfer Pipettes, Microtip                           | 3    |
| 127P503000 | LIQUIPETTE Transfer Pipettes, Graduated                          | 3    |
| 127P50310S | LIQUIPETTE Transfer Pipettes, Graduated                          | 3    |
| 127P50320S | LIQUIPETTE Transfer Pipettes, Graduated                          | 3    |
| 127P503STR | LIQUIPETTE Transfer Pipettes, Graduated                          | 3    |
| 127P507000 | LIQUIPETTE Transfer Pipettes, Thin Stem                          | 3    |
| 127P509000 | LIQUIPETTE Transfer Pipettes, Graduated                          | 3    |
| 127P509STR | LIQUIPETTE Transfer Pipettes, Graduated                          | 3    |
| 127P511000 | LIQUIPETTE Transfer Pipettes, Graduated                          | 3    |
| 127P51110S | LIQUIPETTE Transfer Pipettes, Graduated                          | 3    |
| 127P51120S | LIQUIPETTE Transfer Pipettes, Graduated                          | 3    |
| 127P511STR | LIQUIPETTE Transfer Pipettes, Graduated                          | 3    |
| 127P514000 | LIQUIPETTE Transfer Pipettes, Blood Bank                         | 3    |
| 127P514STR | LIQUIPETTE Transfer Pipettes, Blood Bank                         | 3    |
| 127P516000 | LIQUIPETTE Transfer Pipettes, Thin Stem                          | 3    |
| 127P522000 | LIQUIPETTE Transfer Pipettes, General Purpose                    | 3    |
| 127P523000 | LIQUIPETTE Transfer Pipettes, General Purpose                    | 3    |
| 1270013000 | 13mm EZEE-NEST 1,000/Pack                                        | 30   |
| 1270016000 | 16mm EZEE-NEST 1,000/Pack                                        | 30   |
| 1270016HIT | KENDALL Sample Cups for 2.0ml Hitachi 1,000                      | 31   |
| 1270018000 | Multi-Purpose Sample Cups, 4.0ml Polystyrene 1,000/Pack          | 30   |
| 1270019000 | Press Overfit Caps, Small                                        | 27   |
| 1270019100 | Flange PLUG-TITE Caps, 12mm Natural, 1,000/pk                    | 28   |
| 1270019100 | Plug Flange 12mm Natural, 1,000/pk                               | 37   |
| 1270019101 | Flange PLUG-TITE Caps, 12mm Red, 1,000/pk                        | 28   |
| 1270019102 | Flange PLUG-TITE Caps, 12mm Blue, 1,000/pk                       | 28   |
| 1270019103 | Flange PLUG-TITE Caps, 12mm Green, 1,000/pk                      | 28   |
| 1270019104 | Flange PLUG-TITE Caps, 12mm Yellow, 1,000/pk                     | 28   |
| 1270019105 | Flange PLUG-TITE Caps, 12mm Org, 1,000/pk                        | 28   |
| 1270019130 | Flange PLUG-TITE Caps, 13mm Natural, 1,000/pk                    | 28   |
| 1270019200 | Flange PLUG-TITE Caps, 16mm Natural, 1,000/pk                    | 28   |
| 1270019200 | Plug Flange Cap 16mm, Natural                                    | 19   |
| 1270019300 | EZEE-PERF Cap, Natural, 1,000/pk                                 | 28   |
| 1270019302 | EZEE-PERF Cap, Blue, 1,000/pk                                    | 28   |
| 1270019400 | EZEE TOPPER Cap, 16mm White, 1,000/pk                            | 29   |
| 1270019401 | EZEE TOPPER Cap, 16mm Red, 1,000/pk                              | 29   |
| 1270019402 | EZEE TOPPER Cap, 16mm Blue, 1,000/pk                             | 29   |
| 1270019403 | EZEE TOPPER Cap, 16mm Green, 1,000/pk                            | 29   |
| 1270019404 | EZEE TOPPER Cap, 16mm Yellow, 1,000/pk                           | 29   |
| 1270019405 | EZEE TOPPER Cap, 16mm Lavender, 1,000/pk                         | 29   |
| 1270019406 | EZEE TOPPER Cap, 16mm Grey, 1,000/pk                             | 29   |
| 1270019500 | EZEE TOPPER Cap, 13mm White, 1,000/pk                            | 29   |
| 1270019501 | EZEE TOPPER Cap, 13mm Red, 1,000/pk                              | 29   |
| 1270019502 | EZEE TOPPER Cap, 13mm Blue, 1,000/pk                             | 29   |
| 1270019503 | EZEE TOPPER Cap, 13mm Green, 1,000/pk                            | 29   |
| 1270019504 | EZEE TOPPER Cap, 13mm Yellow, 1,000/pk                           | 29   |
| 1270019505 | EZEE TOPPER Cap, 13mm Lavender, 1,000/pk                         | 29   |
| 1270019506 | EZEE TOPPER Cap, 13mm Grey, 1,000/pk                             | 29   |
| 1270019AST | Flange PLUG-TITE Caps, 12mm Assorted, 1,000/pk                   | 28   |
| 1270090000 | Multi-Purpose Sample Cups, 2.0ml Conical Natural 1,000/Pack      | 30   |
| 1270090100 | Multi-Purpose Sample Cups, 2.0ml Conical Polyethylene 1,000/Pack | 30   |
| 1270090DRM | Multi-Purpose Sample Cups, 2.0ml Conical Drum 10k/Drum           | 30   |
| 1270093000 | Multi-Purpose Sample Cups, 0.5ml Micro Natural 1,000/Pack        | 30   |
| 1270093DRM | Multi-Purpose Sample Cups, 0.5ml Micro Drum 10k/Drum             | 30   |
| 1270160560 | 5ml Tube without Cap, 1,000/pk                                   | 18   |
| 1270160930 | 10ml Tube without Cap 1,000/pk                                   | 18   |
| 1270160CAP | Cap for 5ml/10ml Tubes, 1,000/pk                                 | 18   |
| 1270301421 | Plug Rib Cap, Small 12mm Natural, 1,000/pk                       | 28   |
| 127030142R | Plug Rib Cap Small 12mm Red, 1,000/pk                            | 28   |
| 1270500770 | Multi-Purpose Sample Cups, 0.25ml 1,000/Pack                     | 30   |
| 1270678005 | Cuvettes Cobas MIRA, 500/pk                                      | 37   |
| 1270678500 | KENDALL Sample Cups for Cobas Natural                            | 31   |

# Index

| Code       | Product                                                                                             | Page |
|------------|-----------------------------------------------------------------------------------------------------|------|
| 1270678600 | KENDALL Sample Cups for Cobas Green                                                                 | 31   |
| 1270678700 | KENDALL Sample Cups for Cobas Yellow                                                                | 31   |
| 1270678800 | KENDALL Sample Cups for Cobas Red                                                                   | 31   |
| 1270678900 | KENDALL Sample Cups for Cobas Blue                                                                  | 31   |
| 1271010004 | Polyethylene Cuvette, 1,000/pk                                                                      | 37   |
| 1271010007 | Cuvette Micro Polystyrene 2.9ml, 500/pk                                                             | 37   |
| 1271010400 | Cuvette Square Polystyrene 4.5ml, 500/pk                                                            | 37   |
| 1271010500 | Cuvette Square Acrylic 4.5ml, 500/pk                                                                | 37   |
| 1271210400 | Cuvette Square Polystyrene 4.5ml, 10/Tray, 120/pk                                                   | 37   |
| 127C16056S | 5ml Tube Pre-Capped, 500/pk, Sterile                                                                | 18   |
| 127C16093S | 10ml Tube Pre-Capped, 500/pk, Sterile                                                               | 18   |
| 127P225000 | ELKAY LIQUIPETTE Transfer Pipettes – Graduated, 7ml Graduated, 3ml, 500/pk                          | 2    |
| 127P274000 | ELKAY LIQUIPETTE Transfer Pipettes, 2ml Blood Bank, Graduated, 500/pk                               | 2    |
| 127P406000 | ELKAY LIQUIPETTE Transfer Pipettes – Micro Tip, 3.5ml Capacity, 500/pk                              | 2    |
| 127P503000 | ELKAY LIQUIPETTE Transfer Pipettes – Graduated, 7ml Capacity, 500/pk                                | 2    |
| 127P50300P | ELKAY LIQUIPETTE Transfer Pipettes – Graduated, 7ml Capacity, Plain, 500/pk                         | 2    |
| 127P50310S | ELKAY LIQUIPETTE Transfer Pipettes – Graduated, 7ml Capacity, 10/bag, 500/pk, Sterile               | 2    |
| 127P50320S | ELKAY LIQUIPETTE Transfer Pipettes – Graduated, 7ml Capacity, 20/bag, 500/pk, Sterile               | 2    |
| 127P507000 | ELKAY LIQUIPETTE Transfer Pipettes, 4ml Capacity, Thin Stem, 500/pk                                 | 2    |
| 127P509000 | ELKAY LIQUIPETTE Transfer Pipettes – Graduated, 3ml Capacity, 500/pk                                | 2    |
| 127P50900P | ELKAY LIQUIPETTE Transfer Pipettes – Graduated, 3ml Capacity, Plain, 500/pk                         | 2    |
| 127P511000 | ELKAY LIQUIPETTE Transfer Pipettes – Graduated, 5ml Capacity, 500/pk                                | 2    |
| 127P51100P | ELKAY LIQUIPETTE Transfer Pipettes – Graduated, 5ml Capacity, Plain, 500/pk                         | 2    |
| 127P51120S | ELKAY LIQUIPETTE Transfer Pipettes – Graduated, 5ml Capacity, 20/bag, 500/pk, Sterile               | 2    |
| 127P511STR | ELKAY LIQUIPETTE Transfer Pipettes – Graduated, 5ml Capacity, Individually Wrapped, 250/pk, Sterile | 2    |
| 127P514000 | ELKAY LIQUIPETTE Transfer Pipettes, 6ml Cap Long, 500/pk                                            | 2    |
| 127P514STR | ELKAY LIQUIPETTE Transfer Pipettes, 6ml Cap Long, Individually Wrapped, 250/pk, Sterile             | 2    |
| 127P516000 | ELKAY LIQUIPETTE Transfer Pipettes, 10ml Long Stem, 250/pk                                          | 2    |
| 127P522000 | ELKAY LIQUIPETTE Transfer Pipettes – General Purpose, 1.0ml Short, 1,000/pk                         | 2    |
| 127P523000 | ELKAY LIQUIPETTE Transfer Pipettes – General Purpose, 1.0ml Long, 1,000/pk                          | 2    |
| 127T160560 | 5ml Tube with Cap, 1,000/pk                                                                         | 18   |
| 127T16056P | 5ml Tube with Cap, 1,000/pk                                                                         | 18   |
| 127T160930 | 10ml Tube with Cap 1,000/pk                                                                         | 18   |
| 127T16093P | 10ml Tube with Cap, 1,000/pk                                                                        | 18   |
| 12800      | Non-sterile snap caps for #12400                                                                    | 16   |
| 13000      | High Value 13000 Series, 5 oz Graduated Containers - Snap Caps, Sterile                             | 16   |
| 13400      | High Value 13000 Series, 5 oz Graduated Containers - Snap Caps, Sterile, O.R. packaged              | 16   |
| 139090     | CURITY Disposable Scalpels, Sterile, #10                                                            | 42   |
| 139091     | CURITY Disposable Scalpels, Sterile, #11                                                            | 42   |
| 139093     | CURITY Disposable Scalpels, Sterile, #15                                                            | 42   |
| 139094     | CURITY Disposable Scalpels, Sterile, #20                                                            | 42   |
| 139095     | CURITY Disposable Scalpels, Sterile, #21                                                            | 42   |
| 139096     | CURITY Disposable Scalpels, Sterile, #22                                                            | 42   |
| 17199      | 4 oz (120ml) Specimen Container, Sterile O.R. Packaged in Blister Pack (White Cap)                  | 15   |
| 17299      | 4 oz (120ml) Specimen Container, Sterile O.R. Packaged in Blister Pack (White Cap)                  | 15   |
| 175RBAS000 | Reagent Basin, 175ml With Lid                                                                       | 13   |
| 2200SA     | Sterile Specimen Container, 5 oz (4 dispenser boxes of 50 each)                                     | 17   |
| 2201SA     | Sterile Specimen Container, 5 oz (8 dispenser boxes of 25 each)                                     | 17   |
| 2205SA     | Sterile Specimen Container, 5 oz without "positive seal" indicator                                  | 17   |
| 2210SA     | Sterile Specimen Container, 2 oz                                                                    | 17   |
| 2300SA     | Sterile Specimen Container, 5 oz (w/wide mouth)                                                     | 17   |
| 2600       | CURITY Cotton Prepping Balls, Medium, 500/bag                                                       | 43   |
| 2600SA     | Operating Room Sterile Specimen Container, 5 oz (in blister packaging)                              | 17   |
| 2601       | CURITY Cotton Prepping Balls, Large, 200/bag                                                        | 43   |
| 2602       | CURITY Cotton Prepping Balls, Large, 50/bag                                                         | 43   |
| 271010004  | Polyethylene Cuvette                                                                                | 29   |
| 31139747   | Extra Keys for Hidden Bracket Set                                                                   | 44   |
| 31139762   | Single glove box holder                                                                             | 44   |
| 31139846   | Glove box holder (Fits 31140018)                                                                    | 44   |
| 31140018   | Hidden Bracket for 2.5 & 5 qt. Units                                                                | 44   |
| 31140026   | Lockable bracket for 3.5 Gallon                                                                     | 44   |
| 31140034   | Non-locking wall mount for 3.5 Gallon                                                               | 44   |
| 31143008   | 2 Gallon Container, Translucent Red                                                                 | 44   |
| 31143723   | 5 Quart Container, Translucent Almond                                                               | 44   |
| 31143731   | 2 Gallon Container, Red, Clear Lid                                                                  | 44   |
| 31143830   | 3.5 Gallon Container, Translucent Red                                                               | 44   |
| 31143848   | 3.5 Gallon Container, Translucent Almond                                                            | 44   |
| 31143897   | 5 Quart Container, Clear                                                                            | 44   |
| 31143921   | 2.5 Quart Container, Almond                                                                         | 44   |
| 31144010   | 5 Quart Container, Translucent Red                                                                  | 44   |
| 31144085   | 2.5 Quart Container, Red                                                                            | 44   |
| 31144093   | 3.5 Gallon Container, Translucent Almond, Low Top                                                   | 44   |
| 31158960   | Hidden Bracket and Key                                                                              | 44   |
| 31176871   | 3.5 Gallon Container, Translucent Red, Low Top                                                      | 44   |
| 31300646   | 3.5 Gallon Container, Translucent Yellow, Low Top                                                   | 44   |
| 31300687   | 3.5 Gallon Container, Translucent Yellow                                                            | 44   |
| 31300901   | 2.5 Quart Container, Translucent Yellow                                                             | 44   |
| 31300919   | 5 Quart Container, Translucent Yellow                                                               | 44   |
| 3626PCR    | PCR Plate, Rigid 96-well                                                                            | 11   |
| 3627PCR    | PCR Plate, Skirted 96-well                                                                          | 11   |

| Code       | Product                                                                 | Page |
|------------|-------------------------------------------------------------------------|------|
| 3628PCR    | PCR Plate, MB 96-well                                                   | 11   |
| 3629PCR    | PCR Plate, Semi-Skirted 96-well                                         | 11   |
| 3630PCR    | PCR Plate, Skirted 384-well                                             | 11   |
| 5001000600 | STACTITE Container, 120ml, 500/pk, Non-Sterile                          | 15   |
| 5001000601 | STACTITE Cup Only 120ml, 500/pk, Non-Sterile                            | 15   |
| 5001000602 | STACTITE Cap Only 120ml, 500/pk, Non-Sterile                            | 15   |
| 5001220000 | Biohazard Bag, 12 x 20", 100/pk                                         | 41   |
| 5001224001 | Biohazard Bag, 12 x 24" Hi-Temp, 200/pk                                 | 41   |
| 5001826000 | Biohazard Bag, 18 x 26", 100/pk                                         | 41   |
| 5001923001 | Biohazard Bag, 19 x 23" Hi-Temp, 200/pk                                 | 41   |
| 5002430000 | Biohazard Bag, 24 x 30", 100/pk                                         | 41   |
| 5002430001 | Biohazard Bag, 24 x 30" Hi-Temp, 200/pk                                 | 41   |
| 5002600100 | STACTITE Cup Only, 120ml, Sterile-Banded, 100/pk                        | 15   |
| 5002600250 | STACTITE Cup Only, 120ml, Sterile-Banded, 250/pk                        | 15   |
| 5003000020 | LEAKTITE Container, 20ml, Non-Sterile, 1,000                            | 17   |
| 5003000040 | LEAKTITE Container, 40ml, Non-Sterile, 600                              | 17   |
| 5003000060 | LEAKTITE Container, 60ml, Non-Sterile, 500                              | 17   |
| 500300006S | LEAKTITE Container, 60ml, Sterile, 500                                  | 17   |
| 5003000090 | LEAKTITE Container, 90ml, Non-Sterile, 400                              | 17   |
| 500300009S | LEAKTITE Container, 90ml, Sterile, 400                                  | 17   |
| 5003000120 | LEAKTITE Container, 120ml, Non-Sterile, 300                             | 17   |
| 500300012S | LEAKTITE Container, 120ml, Sterile, 300                                 | 17   |
| 5003000W90 | LEAKTITE Container, 90ml, Wide Non-Sterile, 400                         | 17   |
| 5003000W9S | LEAKTITE Container, 90ml, Wide Sterile, 400                             | 17   |
| 5003748001 | Biohazard Bag, 37 x 48" Hi-Temp, 100/pk                                 | 41   |
| 5004000004 | PRECISION Specimen Containers                                           | 16   |
| 5004000008 | PRECISION Specimen Containers                                           | 16   |
| 5004000016 | PRECISION Specimen Containers                                           | 16   |
| 5004000032 | PRECISION Specimen Containers                                           | 16   |
| 5004000064 | PRECISION Specimen Containers                                           | 16   |
| 5004000083 | PRECISION Specimen Containers                                           | 16   |
| 5004000165 | PRECISION Specimen Containers                                           | 16   |
| 5004045000 | Biohazard Bag, 40 x 45", 100/pk                                         | 41   |
| 5033       | WEBCOL Alcohol Preps, Large, 1 ply, 200/box                             | 43   |
| 5100101STR | 1µl Loop/Needle, Blue, Individ. Wrapped, 500/pk                         | 36   |
| 5100110STR | 10µl Loop/Needle, Yellow, Individ. Wrapped 500/pk                       | 36   |
| 5100111STR | 10µl/1µl Natural, Individ. Wrapped, 500/pk                              | 36   |
| 5102010STR | 1µl Loop/Needle, Blue, 50 Ziplock Bags of 10                            | 36   |
| 5102025STR | 1µl Loop/Needle, Blue, 25 Ziplock Bags of 20                            | 36   |
| 510Z110STR | 10µl Loop/Needle, Yellow, 50 Ziplock Bags of 10                         | 36   |
| 510Z125STR | 10µl Loop/Needle, Yellow, 25 Ziplock Bags of 20                         | 36   |
| 510Z210STR | 10µl/1µl Natural, 50 Ziplock Bags of 10                                 | 36   |
| 510Z225STR | 0µl/1µl Loop, Natural, 25 Ziplock Bags of 20                            | 36   |
| 5110       | WEBCOL Alcohol Preps, Large, 2 ply, 200/box                             | 43   |
| 6553       | CURITY Cotton-Tipped Applicators, 6" wood stick, large tip, 100/bag     | 43   |
| 6818       | WEBCOL Alcohol Preps, Medium, 2 ply, 200/box                            | 43   |
| 710001     | Surgical Blade Handles, Standard #3 for blades #10 - #15                | 42   |
| 710002     | Surgical Blade Handles, Standard #4 for blades #20 - #24                | 42   |
| 772100     | STERISHARPS Surgical Blades, Sterile, Stainless Steel, #10              | 42   |
| 772110     | STERISHARPS Surgical Blades, Sterile, Stainless Steel, #11              | 42   |
| 772120     | STERISHARPS Surgical Blades, Sterile, Stainless Steel, #12              | 42   |
| 772150     | STERISHARPS Surgical Blades, Sterile, Stainless Steel, #15              | 42   |
| 772200     | STERISHARPS Surgical Blades, Sterile, Stainless Steel, #20              | 42   |
| 772210     | STERISHARPS Surgical Blades, Sterile, Stainless Steel, #21              | 42   |
| 772220     | STERISHARPS Surgical Blades, Sterile, Stainless Steel, #22              | 42   |
| 772230     | STERISHARPS Surgical Blades, Sterile, Stainless Steel, #23              | 42   |
| 772240     | STERISHARPS Surgical Blades, Sterile, Stainless Steel, #24              | 42   |
| 792        | CURITY Rayon Prepping Balls, Large, 1,000/bag                           | 43   |
| 85321R     | 8 Quart Container, Translucent Red                                      | 44   |
| 8884540400 | Q-TIPS Cotton-Tipped Applicators, 3" Bulk pack, 100/bag                 | 43   |
| 8884540500 | Q-TIPS Cotton-Tipped Applicators, 6" Bulk pack, 100/bag                 | 43   |
| 8884541300 | Q-TIPS Cotton-Tipped Applicators, 6" Sterile, 2/pack                    | 43   |
| 8884541400 | Q-TIPS Cotton-Tipped Applicators, 6" Sterile, 2/pack/dispenser, 200/box | 43   |
| 8885081003 | 5-200µl, 1 - 7/8" (48mm) OXFORD 810, Natural                            | 10   |
| 8885081177 | 5-200µl, 1 - 7/8" (48mm) OXFORD 810, Natural                            | 10   |
| 8885081409 | 1-5ml, 4 - 1/2" (114mm), OXFORD 814, Natural                            | 10   |
| 8885081417 | 1-5ml, 4 - 1/2" (114mm), OXFORD 814, Natural                            | 10   |
| 8885081508 | 5-10ml, 5 - 1/4" (133mm), 815 Macro-Set, Blue                           | 10   |
| 8885081516 | 5-10ml, 5 - 1/4" (133mm), 815 Macro-Set, Blue                           | 10   |
| 8885117917 | KENDALL Filter Tips, Natural, 5-250µl                                   | 8    |
| 8885117990 | KENDALL Filter Tips, Natural, 5-30µl                                    | 8    |
| 8885117992 | KENDALL Filter Tips, Natural, 5-200µl                                   | 8    |
| 8885117993 | KENDALL Filter Tips, Natural, 1-100µl                                   | 8    |
| 8885117994 | KENDALL Filter Tips, Natural, .5-10µl                                   | 8    |
| 8885117996 | KENDALL Filter Tips, Natural, .1-10µl                                   | 8    |
| 8885117998 | KENDALL Filter Tips, Natural, 101-1000µl                                | 8    |
| 8885118900 | .1-10µl P2 Natural MICRO Tips                                           | 7    |
| 8885118901 | .1-10µl P2 Natural MICRO Tips                                           | 7    |
| 8885118902 | .1-10µl P2 Natural MICRO Tips                                           | 7    |
| 8885118903 | .1-10µl P2 Natural MICRO Tips                                           | 7    |



# Index

| Code       | Product                                    | Page |
|------------|--------------------------------------------|------|
| 8885118904 | .1-10µl Crystal/Eppendorf Natural Tips     | 7    |
| 8885118905 | .1-10µl Crystal/Eppendorf Natural Tips     | 7    |
| 8885118906 | .1-10µl Crystal/Eppendorf Natural Tips     | 7    |
| 8885118907 | 5-200µl Universal Referenced Tips, Natural | 7    |
| 8885118908 | 5-200µl Universal Referenced Tips, Natural | 7    |
| 8885118909 | 5-200µl Universal Referenced Tips, Natural | 7    |
| 8885118910 | 5-200µl Universal Referenced Tips, Natural | 7    |
| 8885118911 | 5-200µl Universal Referenced Tips, Natural | 7    |
| 8885118912 | 5-200µl Universal Tips, Yellow             | 8    |
| 8885118913 | 5-200µl Universal Tips, Yellow             | 8    |
| 8885118914 | 5-200µl Universal Tips, Yellow             | 8    |
| 8885118915 | 5-200µl Universal Tips, Yellow             | 8    |
| 8885118916 | 5-200µl Universal Tips, Yellow             | 8    |
| 8885118917 | 5-300µl Universal Tips, Natural            | 8    |
| 8885118918 | 5-300µl Universal Tips, Natural            | 8    |
| 8885118919 | 5-300µl Universal Tips, Natural            | 8    |
| 8885118920 | 101-1000µl Universal Tips, Natural         | 8    |
| 8885118921 | 101-1000µl Universal Tips, Natural         | 8    |
| 8885118922 | 101-1000µl Universal Tips, Natural         | 8    |
| 8885118923 | 5-200µl Gel Round Tips                     | 9    |
| 8885118926 | 5-200µl Gel Round Tips                     | 9    |
| 8885118927 | 5-200µl Gel Round Tips                     | 9    |
| 8885118928 | 5-200µl Gel Flat Tips, .4mm                | 9    |
| 8885118929 | 5-200µl Gel Flat Tips, .4mm                | 9    |
| 8885118930 | 5-200µl Gel Flat Tips, .2mm                | 9    |
| 8885118931 | 5-200µl Gel Flat Tips, .2mm                | 9    |
| 8885118932 | 1-10µl Gel Round                           | 9    |
| 8885118933 | 1-10µl Gel Round                           | 9    |
| 8885118934 | 1-10µl Gel Flat Tips, .4mm                 | 9    |
| 8885118935 | 1-10µl Gel Flat Tips, .4mm                 | 9    |
| 8885118936 | 1-10µl Gel Flat Tips, .2mm                 | 9    |
| 8885118937 | 1-10µl Gel Flat Tips, .2mm                 | 9    |
| 8885118939 | .1-10µl P2 Natural MICRO Tips              | 7    |
| 8885118940 | .1-10µl P2 Natural MICRO Tips              | 7    |
| 8885118941 | .1-10µl P2 Natural MICRO Tips              | 7    |
| 8885119738 | 40-Hole MCT Rack                           | 22   |
| 8888270306 | ARGYLE Tubing Connectors                   | 45   |
| 8888270702 | ARGYLE Tubing Connectors                   | 45   |
| 8888271106 | ARGYLE Tubing Connectors                   | 45   |
| 8888271403 | ARGYLE Tubing Connectors                   | 45   |
| 8888271510 | ARGYLE Tubing Connectors                   | 45   |
| 8888272005 | ARGYLE Tubing Connectors                   | 45   |
| 8888272203 | ARGYLE Tubing Connectors                   | 45   |
| 8888280214 | Laboratory Grade Bubble Tubing             | 45   |
| 8888280412 | Laboratory Grade Bubble Tubing             | 45   |
| 8888280610 | Laboratory Grade Bubble Tubing             | 45   |
| 8888290213 | Laboratory Grade Bubble Tubing             | 45   |
| 8888290411 | Laboratory Grade Bubble Tubing             | 45   |
| 8888290619 | Laboratory Grade Bubble Tubing             | 45   |
| 8889001374 | Replacement Heater Element                 | 35   |
| 8889001377 | Replacement Rocker Switch                  | 35   |
| 8889004002 | Bacti-Cinerator IV Incinerator             | 35   |
| 8889010818 | OXFORD Transfer Pipetter, 12ml             | 2    |
| 8889101021 | Inoculating Loops And Needle 2mm 24        | 35   |
| 8889101039 | Inoculating Loops And Needle 3mm 24        | 35   |
| 8889101054 | Inoculating Loops And Needle 5mm 24        | 35   |
| 8889101120 | Inoculating Loops And Needle 2mm 26        | 35   |
| 8889101138 | Inoculating Loops And Needle 3mm 26        | 35   |
| 8889101153 | Inoculating Loops And Needle 5mm 26        | 35   |
| 8889101229 | Inoculating Loops And Needle 2mm 28        | 35   |
| 8889101237 | Inoculating Loops And Needle 3mm 28        | 35   |
| 8889102029 | Inoculating Loops And Needle 2mm 24        | 35   |
| 8889102037 | Inoculating Loops And Needle 3mm 24        | 35   |
| 8889102045 | Inoculating Loops And Needle 5mm 24        | 35   |
| 8889102128 | Inoculating Loops And Needle 2mm 26        | 35   |
| 8889102136 | Inoculating Loops And Needle 3mm 26        | 35   |
| 8889102151 | Inoculating Loops And Needle 5mm 26        | 35   |
| 8889102235 | Inoculating Loops And Needle 3mm 28        | 35   |
| 8889103001 | Calibrated Loops                           | 36   |
| 8889103100 | Calibrated Loops                           | 36   |
| 8889103118 | Calibrated Loops                           | 36   |
| 8889104009 | Inoculating Needle 26                      | 35   |
| 8889105006 | Loop And Needle Holders 6"                 | 36   |
| 8889105105 | Loop And Needle Holders 8"                 | 36   |
| 8889106103 | 50ml Beaker Caps                           | 40   |
| 8889106202 | 100ml Beaker Caps                          | 40   |
| 8889106301 | 250ml Beaker Caps                          | 40   |
| 8889106400 | 400ml Beaker Caps                          | 40   |
| 8889106509 | 800ml Beaker Caps                          | 40   |
| 8889106608 | 1,000ml Beaker Caps                        | 40   |

| Code       | Product                                                                                        | Page |
|------------|------------------------------------------------------------------------------------------------|------|
| 8889111004 | CRITOCAPS Tube Reader                                                                          | 39   |
| 8889112002 | CRITOCAPS Tube Reader                                                                          | 39   |
| 8889206101 | TRI-POUR Beakers, 50ml                                                                         | 40   |
| 8889206200 | TRI-POUR Beakers, 100ml                                                                        | 40   |
| 8889206309 | TRI-POUR Beakers, 250ml                                                                        | 40   |
| 8889206408 | TRI-POUR Beakers, 400ml                                                                        | 40   |
| 8889206507 | TRI-POUR Beakers, 800ml                                                                        | 40   |
| 8889206606 | TRI-POUR Beakers, 1,000ml                                                                      | 40   |
| 8889207026 | 4 oz (120ml) Specimen Container, Sterile, Individually Wrapped (Green Cap with Integrity Seal) | 15   |
| 8889207034 | 4 oz (120ml) Specimen Container, Non-Sterile, Bulk (Pre-Capped with White Cap)                 | 15   |
| 8889207067 | 4 oz (120ml) Specimen Container, Sterile Bulk (Green Cap with Integrity Seal)                  | 15   |
| 8889207158 | 4 oz (120ml) Specimen Container, Non-Sterile, 20 Sleeved Cups and 20 Bagged Lids (White Cap)   | 15   |
| 8889207182 | 4 oz (120ml) Specimen Container, Sterile, Individually Wrapped (Green Cap with Integrity Seal) | 15   |
| 8889211200 | BACTI-CAPALL Culture Tube Caps, Polypropylene, 13mm                                            | 27   |
| 8889211408 | BACTI-CAPALL Culture Tube Caps, Polypropylene, 16mm                                            | 27   |
| 8889211606 | BACTI-CAPALL Culture Tube Caps, Polypropylene, 18mm                                            | 27   |
| 8889212000 | CRITOCAPS - Regular for Sealing Micro-Hematocrit Tubes, 100/pack                               | 38   |
| 8889213008 | CRITOCAPS - J for Sealing Caraway Tubes, 100/pack                                              | 38   |
| 8889214006 | CRITOCAPS - K for Sealing Natelson Tubes, 100/pack                                             | 38   |
| 8889215003 | Capillary Tube Sealant, 6 trays/box                                                            | 38   |
| 8889216001 | Laboratory Funnels, Polystyrene                                                                | 39   |
| 8889216100 | Laboratory Funnels, Polystyrene                                                                | 39   |
| 8889217009 | Laboratory Funnels, Polypropylene                                                              | 39   |
| 8889217108 | Laboratory Funnels, Polypropylene                                                              | 39   |
| 8889224005 | Laboratory Grade Bubble Tubing                                                                 | 45   |
| 8889224054 | Laboratory Grade Bubble Tubing                                                                 | 45   |
| 8889224104 | Laboratory Grade Bubble Tubing                                                                 | 45   |
| 8889224153 | Laboratory Grade Bubble Tubing                                                                 | 45   |
| 8889224203 | Laboratory Grade Bubble Tubing                                                                 | 45   |
| 8889224302 | Laboratory Grade Bubble Tubing                                                                 | 45   |
| 8889224401 | Laboratory Grade Bubble Tubing                                                                 | 45   |
| 8889224500 | Laboratory Grade Bubble Tubing                                                                 | 45   |
| 8889501006 | PARAPLAST Tissue Embedding Medium                                                              | 32   |
| 8889502004 | PARAPLAST Plus Tissue Embedding Medium                                                         | 32   |
| 8889503002 | PARAPLAST X-Tra Tissue Embedding Medium                                                        | 32   |
| 8889600110 | Laboratory Bench Top Covers: Standard, 17" x 24" 160ml                                         | 40   |
| 8889600112 | Laboratory Bench Top Covers: Standard, 17" x 23.5" 260ml                                       | 40   |
| 8889600115 | Laboratory Bench Top Covers: Standard, 23" x 24" 365ml                                         | 40   |
| 8889600117 | Laboratory Bench Top Covers: Standard, 23" x 36" 325ml                                         | 40   |
| 8889999001 | Slippable Petri Dishes, Undivided Bottom, 100 x 15mm                                           | 33   |
| 8889999002 | Slippable Petri Dishes, 2-Section Type, 100 x 15mm                                             | 33   |
| 8889999003 | Slippable Petri Dishes, 3-Section Type, 100 x 15mm                                             | 33   |
| 8889999004 | Slippable Petri Dishes, 4-Section Type, 100 x 15mm                                             | 33   |
| 8889999005 | Petri Dish, 150 x 15mm                                                                         | 34   |
| 8889999006 | Semi-Stackable Petri Dishes, Undivided Bottom, 100 x 15mm                                      | 33   |
| 8889999007 | Semi-Stackable Petri Dishes, 2-Section Type, 100 x 15mm                                        | 33   |
| 8889999008 | Fully Stackable Petri Dish, 60 x 15mm with Breather Logs & Stacking Ring                       | 34   |
| 8889999010 | Fully Stackable Petri Dishes, Undivided Bottom, 100 x 15mm                                     | 33   |
| 8889999011 | Space Saver Petri Dish, 100 x 10mm                                                             | 34   |
| 8889999013 | Fully Stackable Petri Dishes, 2-Section Type, 100 x 15mm                                       | 33   |
| 8889999015 | Fully Stackable Petri Dishes, 3-Section Type, 100 x 15mm                                       | 33   |
| 8889999017 | Fully Stackable Petri Dishes, 4-Section Type, 100 x 15mm                                       | 33   |
| 8889999018 | 65x15mm Contact Plate, 10mm Grid on outside Classic Design                                     | 34   |
| 8889999019 | 65x15mm Contact Plate, 10mm Grid on outside Convex Bottom                                      | 34   |
| 8889999020 | 65x15mm Contact Plate, 10mm Grid on inside Convex Bottom                                       | 34   |
| 8889999021 | 65x15mm Contact Plate, 10mm Grid on inside Convex Bottom                                       | 34   |
| 8889999022 | Petri Dish For Anaerobic Use with CO2 Chamber, Rectangular Plate, 75 x 50mm                    | 34   |
| 8889999022 | Rectangular Plate, 75 x 50mm                                                                   | 34   |
| 8889999023 | Petri Dish For Anaerobic Use with CO2 Chamber, Undivided Bottom, 100 x 15mm; Slippable         | 34   |
| 8889999024 | Petri Dish For Anaerobic Use with CO2 Chamber, 2-Section Type, 100 x 15mm; Slippable           | 34   |
| 8889999025 | Fully Stackable Petri Dish, 60 x 15mm with Stacking Ring only                                  | 34   |
| 8889999026 | Slippable Petri Dish, 60 x 15mm without Breather Logs                                          | 34   |
| 8889999027 | Semi-Stackable Petri Dish, 60 x 15mm without Breather Logs                                     | 34   |
| 89671      | 2 Gallon Container, Translucent Red, Horizontal Drop, Clear Lid                                | 44   |
| 8970       | 2 Gallon Container, Red, Rotor Lid                                                             | 44   |
| 897700     | Surgical Blade Dispenser Rack                                                                  | 42   |
| 9991200812 | Charging Stand for 1 Pipetter                                                                  | 1    |
| 9991200813 | Charging Stand for up to 4 Pipettors                                                           | 1    |
| 9995500890 | Electronic Pipettors1 2-10µl                                                                   | 1    |
| 9995500891 | Electronic Pipettors1 5-100µl                                                                  | 1    |
| 9995500892 | Electronic Pipettors1 10-250µl                                                                 | 1    |
| 9995500893 | Electronic Pipettors1 10-500µl                                                                 | 1    |
| 9995500894 | Electronic Pipettors1 50-1000µl                                                                | 1    |
| 9995500895 | Electronic Pipettors1 50-1200µl                                                                | 1    |
| 9995500896 | Electronic Pipettors1 100-5000µl                                                               | 1    |
| 9998500810 | Electronic Pipettors12 25-250µl                                                                | 1    |
| 9998500811 | Electronic Pipettors12 50-1200µl                                                               | 1    |
| 9998500894 | Electronic Pipettors8 2-10µl                                                                   | 1    |
| 9998500895 | Electronic Pipettors8 5-100µl                                                                  | 1    |
| 9998500896 | Electronic Pipettors8 25-250µl                                                                 | 1    |



# Index

| Code        | Product                                                    | Page |
|-------------|------------------------------------------------------------|------|
| 9998500897  | Electronic Pipetters8 50-1200µl                            | 1    |
| 9998500898  | Electronic Pipetters12 .2-10µl                             | 1    |
| 9998500899  | Electronic Pipetters12 5-100µl                             | 1    |
| FLO0533040  | Non-medical grade Solvent Flexible-HC Manifold Pump Tubing | 51   |
| FLO0533050  | Non-medical grade Solvent Flexible-HC Manifold Pump Tubing | 51   |
| FLO0533060  | Non-medical grade Solvent Flexible-HC Manifold Pump Tubing | 51   |
| FLO0533070  | Non-medical grade Solvent Flexible-HC Manifold Pump Tubing | 51   |
| FLO0533080  | Non-medical grade Solvent Flexible-HC Manifold Pump Tubing | 51   |
| FLO0533090  | Non-medical grade Solvent Flexible-HC Manifold Pump Tubing | 51   |
| FLO0533100  | Non-medical grade Solvent Flexible-HC Manifold Pump Tubing | 51   |
| FLO0533110  | Non-medical grade Solvent Flexible-HC Manifold Pump Tubing | 51   |
| FLO0533120  | Non-medical grade Solvent Flexible-HC Manifold Pump Tubing | 51   |
| FLO0533130  | Non-medical grade Solvent Flexible-HC Manifold Pump Tubing | 51   |
| FLO0533140  | Non-medical grade Solvent Flexible-HC Manifold Pump Tubing | 51   |
| FLO0533150  | Non-medical grade Solvent Flexible-HC Manifold Pump Tubing | 51   |
| FLO0533160  | Non-medical grade Solvent Flexible-HC Manifold Pump Tubing | 51   |
| FLO0533190  | Non-medical grade Solvent Flexible-HC Manifold Pump Tubing | 51   |
| FLO0537030  | Non-Medical Grade Solvent Flexible-HC Running Foot Tubing  | 48   |
| FLO0537040  | Non-Medical Grade Solvent Flexible-HC Running Foot Tubing  | 48   |
| FLO0537050  | Non-Medical Grade Solvent Flexible-HC Running Foot Tubing  | 48   |
| FLO0537060  | Non-Medical Grade Solvent Flexible-HC Running Foot Tubing  | 48   |
| FLO0537080  | Non-Medical Grade Solvent Flexible-HC Running Foot Tubing  | 48   |
| FLO0537090  | Non-Medical Grade Solvent Flexible-HC Running Foot Tubing  | 48   |
| FLO0537170  | Non-Medical Grade Solvent Flexible-HC Running Foot Tubing  | 48   |
| FLO0537180  | Non-Medical Grade Solvent Flexible-HC Running Foot Tubing  | 48   |
| FLO0537190  | Non-Medical Grade Solvent Flexible-HC Running Foot Tubing  | 48   |
| SEALPLT100  | Seal Plate Adhesive Film, 2.0ml Polyester, 100/pk          | 12   |
| SEALPLTPP2  | Seal Plate Adhesive Film, 2.0ml, 100/pk, Non-Sterile       | 12   |
| SEALPLTSTR  | Seal Plate Adhesive Film, 2.0ml, Polyester, 100/pk         | 12   |
| SEALPLTTTHN | Seal Plate Adhesive Film, 1.0ml, 100/pk                    | 12   |
| SEALPP2STR  | Seal Plate Adhesive Film, 2.0ml, Sterile 100/pk            | 12   |
| SEALTHNSTR  | Seal Plate Adhesive Film, 1.0ml, Polyester, 100/pk         | 12   |

# BENCHMARK Pipetter BONANZA

**BENCHMARK  
Product  
Specials**

**For special pricing on the BENCHMARK Mechanical Pipettors, contact your KENDALL sales representative, 1-800-962-9888 #4**



## OXFORD Autoclavable BENCHMARK Continuously Adjustable Pipettors

- Entire pipetter is autoclavable - no need to recalibrate after autoclaving.
- Highly resistant to chemical reagents.
- Barrel is designed to minimize dead air space for increased pipetter accuracy.
- The lightweight, slender design reduces operator fatigue.

| Code                                   | Volume/Range        | Adjustable Increments | Accuracy                    | Reproducibility         |
|----------------------------------------|---------------------|-----------------------|-----------------------------|-------------------------|
| <b>Standard Benchmark Pipettors</b>    |                     |                       |                             |                         |
| 8885500929                             | 10-100 $\mu$ l      | 0.1 $\mu$ l           | $\pm 0.5 - \pm 1.0\mu$ l    | $\leq 1.0 - \leq 0.4\%$ |
| 8885500945                             | 100-1,000 $\mu$ l   | 1 $\mu$ l             | $\pm 2.0 - \pm 8.0\mu$ l    | $\leq 0.5 - \leq 0.3\%$ |
| 8885500952                             | 1,000-5,000 $\mu$ l | 10 $\mu$ l            | $\pm 10.0 - \pm 50.0\mu$ l  | $\leq 0.5 - \leq 0.3\%$ |
| 8885500960                             | 1-10ml              | 0.05ml                | $\pm 30.0 - \pm 50.0$ ml    | $\leq 0.5 - \leq 0.2\%$ |
| <b>UV Stable BENCHMARK II Pipetter</b> |                     |                       |                             |                         |
| 8885501895                             | 0.2-2.0 $\mu$ l     | 0.001 $\mu$ l         | $\pm 0.024 - \pm 0.06\mu$ l | $\leq 9.0 - \leq 2.0\%$ |
| 8885501903                             | 0.5-10 $\mu$ l      | 0.01 $\mu$ l          | $\pm 0.1 - \pm 0.1\mu$ l    | $\leq 5.0 - \leq 0.5\%$ |
| 8885501911                             | 2-20 $\mu$ l        | 0.1 $\mu$ l           | $\pm 0.16 - \pm 0.4\mu$ l   | $\leq 3.0 - \leq 0.5\%$ |
| 8885501929                             | 10-100 $\mu$ l      | 0.1 $\mu$ l           | $\pm 0.5 - \pm 1.0\mu$ l    | $\leq 1.0 - \leq 0.4\%$ |
| 8885501945                             | 100-1,000 $\mu$ l   | 1 $\mu$ l             | $\pm 2.0 - \pm 8.0\mu$ l    | $\leq 0.5 - \leq 0.3\%$ |
| 8885501952                             | 1,000-5,000 $\mu$ l | 10 $\mu$ l            | $\pm 10.0 - \pm 50.0\mu$ l  | $\leq 0.5 - \leq 0.3\%$ |
| 8885501960                             | 1-10ml              | 0.05ml                | $\pm 30.0 - \pm 50.0$ ml    | $\leq 0.5 - \leq 0.2\%$ |



## OXFORD BENCHMARK MULTI-8 and BENCHMARK MULTI-12 Continuously Adjustable Multi-Channel Pipettors

- Accuracy of 3.0% or less.
- Low thumb plunger resistance and lightweight, slender styling of body design reduce operator fatigue.
- Individual plungers with maintenance-free O-Rings minimize dead air space and allow for individual barrel replacement.
- Rotating handle ensures operator comfort.
- Built-in tip ejector allows safe disposal of used tips.

| Code       | Channel | Volume/Range   | Adjustable Increments | Measured Volume            | Accuracy                  | Reproducibility/Precision |
|------------|---------|----------------|-----------------------|----------------------------|---------------------------|---------------------------|
| 8885500167 | 8       | .5-10 $\mu$ l  | 0.1 $\mu$ l           | 1 $\mu$ l and 10 $\mu$ l   | $\pm 8\%$ and $\pm 2\%$   | $< 4.0\%$ and $< 1.0\%$   |
| 8885500183 | 12      | .5-10 $\mu$ l  | 0.1 $\mu$ l           | 1 $\mu$ l and 10 $\mu$ l   | $\pm 8\%$ and $\pm 2\%$   | $< 4.0\%$ and $< 1.0\%$   |
| 8885500169 | 8       | 5-50 $\mu$ l   | 0.1 $\mu$ l           | 5 $\mu$ l and 50 $\mu$ l   | $\pm 3\%$ and $\pm 1\%$   | $< 1.5\%$ and $< .5\%$    |
| 8885500185 | 12      | 5-50 $\mu$ l   | 0.1 $\mu$ l           | 5 $\mu$ l and 50 $\mu$ l   | $\pm 3\%$ and $\pm 1\%$   | $< 1.5\%$ and $< .5\%$    |
| 8885500177 | 8       | 40-200 $\mu$ l | 1 $\mu$ l             | 40 $\mu$ l and 200 $\mu$ l | $\pm 1.4\%$ and $\pm 9\%$ | $< .5\%$ and $< .3\%$     |
| 8885500093 | 12      | 40-200 $\mu$ l | 1 $\mu$ l             | 40 $\mu$ l and 200 $\mu$ l | $\pm 1.4\%$ and $\pm 9\%$ | $< .5\%$ and $< .3\%$     |
| 8885500175 | 8       | 50-300 $\mu$ l | 1 $\mu$ l             | 50 $\mu$ l and 300 $\mu$ l | $\pm 1.4\%$ and $\pm 6\%$ | $< .7\%$ and $< .2\%$     |
| 8885500191 | 12      | 50-300 $\mu$ l | 1 $\mu$ l             | 50 $\mu$ l and 300 $\mu$ l | $\pm 1.4\%$ and $\pm 6\%$ | $< .7\%$ and $< .2\%$     |

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