



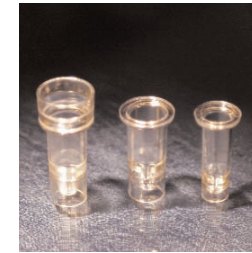
# 2006 LABWARE CATALOG

## Table of Contents



### Laboratory Tubes

12x75 Test Tubes.....	4
Large Test Tubes .....	5
Sterile Culture Tubes .....	5
Flange Caps.....	6
2-Position Caps.....	6
Plug Caps .....	6
Mailing Vials.....	7

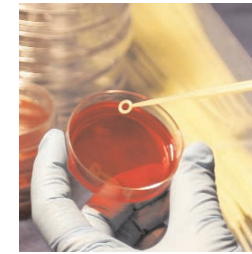


### Centrifuge Tubes

50mL Screw Cap .....	8
50/15mL Racks .....	8
15mL Screw Cap .....	9
15mL Urine Tubes.....	9
Micro Centrifuge Tubes (0.4, 0.5, 1.5, and 2.0) .....	10-11
Micro Centrifuge Tube Racks.....	11

### Cryogenics

Vials .....	12
Cap Inserts.....	12
Cryogenic 100-Hole Racks .....	12



### General Labware

Inoculation Loop/Needles .....	13
Funnels .....	14
Tri-Pour Beakers.....	14

### Instrument Specific

Disposable Cuvettes.....	15
Auto Analyzer (AA) Cups.....	15
Caps for AA Cups .....	15
Hitachi Analyzer Cups.....	16
Caps for Hitachi Cups.....	16
E-Z Nest Cups .....	16
Cobas Analyzer Cups .....	16



### Pipettes

Disposable Transfer Pipets.....	17-18
12mL Transfer Syringe.....	19
PipetRx+™.....	19
Cross Reference Chart.....	20-21
Micro-Tips .....	22
General Purpose Tips.....	22-23
V3 Tips .....	23
Macro Volume Tips .....	24



### Sample Prep & Containers

Dilution Vials .....	25
Specimen Cups.....	25
Forceps 5" .....	25
24-Hour Urine Container.....	25

### Appendix

Chemical Resistance .....	26
Conversions .....	27
Autoclaving Guidelines .....	27
Terms of Sale & Return Policy.....	27

# LABORATORY TUBES

Our round bottom test tubes are precision-molded from premium-grade plastics for reliable and consistent performance. All of our test tubes are molded from chemically inert polystyrene or polypropylene without the addition of any chemicals or mold releasing agents. Polypropylene is chemically resistant, autoclavable and virtually unbreakable. Polystyrene is clear like glass. Both prevent the problems associated with broken glass.



We rigorously inspect dimensions, performance specifications, and lot-to-lot uniformity to ensure they surpass our exacting specifications – and meet your demanding needs. Rounded bottoms for easy sample removal, these tubes are ideal for a wide range of routine laboratory analyses/procedures and sample storage.

### 12x75mm (5mL) Polypropylene

For general procedures requiring a highly durable tube that can withstand higher centrifugation speeds (6,400 RCF). They are available in a variety of visually distinctive colors making sample and test specific identification easy. Autoclavable.

Item Code	Description	Unit Packaging
0002053001	12x75 Round Bottom (PP) – Natural	1,000 per Bag
000205300A	12x75 Round Bottom (PP) - Blue	1,000 per Bag
000205300B	12x75 Round Bottom (PP) – Red	1,000 per Bag
000205300C	12x75 Round Bottom (PP) – Green	1,000 per Bag
000205300D	12x75 Round Bottom (PP) – Yellow	1,000 per Bag

### 12x75mm (5mL) Polystyrene

Designed for Diagnostic Laboratories & Blood Banks, these tubes can provide reliable sample containment and withstand harsh high-volume processing environments. Made with high visibility polystyrene in diamond polished molds to provide unparalleled clarity without interference from striations. Pair with our 1270019100 (12mm Flange Cap) for a leak-proof fit.

Item Code	Description	Unit Packaging
0002052001	12x75 Round Bottom (PS) – Clear	1,000 per Bag

Also available in an oriented configuration that reduces scratching and makes for easy usage.

Item Code	Description	Unit Packaging
0002052BX1	12x75 Round Bottom (PS) – Clear	1,000 (4 Boxes of 250)



# LABORATORY TUBES

- 13x100mm (8mL),
- 16x75mm (11mL),
- 16x100mm (14mL),
- 16x125mm (19mL), and
- 17x100mm (16mL)

These tubes are ideal for laboratory procedures or storage where a larger sample size is required. Polystyrene tubes offer glass-like clarity while, autoclavable polypropylene is extremely durable.



Item Code	Description	Unit Packaging
0002074000	13x75 Round Bottom (PP) – Natural	1,000 per Bag
0002073000	13x75 Round Bottom (PS) – Clear	1,000 per Bag
0002026001	13x100 Round Bottom (PP) – Natural	1,000 per Bag
0002025001	13x100 Round Bottom (PS) – Clear	1,000 per Bag
0002076000	16x75 Round Bottom (PP) – Natural	1,000 per Bag
0002075000	16x75 Round Bottom (PS) – Clear	1,000 per Bag
0002017000	16x100 Round Bottom (PP) – Natural	1,000 (4 Bags of 250)
0002016000	16x100 Round Bottom (PS) – Clear	1,000 (4 Bags of 250)
0002024001	16x125 Round Bottom (PP) – Natural	1,000 (4 Bags of 250)
0002037NST	16x125 Round Bottom (PS) – Clear	1,000 (4 Bags of 250)
0002018001	17x100 Round Bottom PP	1,000 (2 Bags of 500)
0002017001	17x100 Round Bottom PS	1,000 (2 Bags of 500)

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### Sterile 12x75mm (5mL) and 17x100mm (16mL)

These gamma irradiated sterile tubes with attached 2-position cap are ideal for storing and growing tissues or cultures. The 2-position cap provides secure and reliable containment of your sample plus control of gas exchange; partially open allows gas flow (aerobic) while fully seated the cap seals the tube (anaerobic).

Item Code	Description	Unit Packaging
0002053STR	12x75 Round Bottom (PP), Sterile	500 (20 Bags of 25)
0002058STR	12x75 Round Bottom (PS), Sterile	500 (20 Bags of 25)
0002059STR	17x100 Round Bottom (PP), Sterile	500 (20 Bags of 25)
0002057STR	17x100 Round Bottom (PS), Sterile	500 (20 Bags of 25)

Available Summer 2006



# LABORATORY TUBES



## Flange Caps

Made of low density polyethylene; these caps have extremely flexible flanges (fins) that conform to the inside of containers to create a leak-proof seal.

Available in both 12mm and 16mm sizes.

Item Code	Description	Unit Packaging
1270019100	12/13mm Flange Cap – Natural	1,000 per Bag
1270019104	12/13mm Flange Cap – Yellow	1,000 per Bag
1270019101	12/13mm Flange Cap – Red	1,000 per Bag
1270019102	12/13mm Flange Cap – Blue	1,000 per Bag
1270019103	12/13mm Flange Cap – Green	1,000 per Bag
1270019200	16/17mm Flange Cap – Natural	1,000 per Bag

## 2-Position Caps

These caps are ideal for covering 12mm and 17mm tubes when you need to control gas venting. Once placed on the tube, this cap can be left loose to allow gas transfer (aerobic), or pressed fully down to form a gas tight seal (anaerobic). Made of low density polyethylene; they are available non-sterile or sterile – pre-assembled on tubes (0000253STR, 00020585STR, 00020595STR, and 00020575STR).



Item Code	Description	Unit Packaging
0002032000	12mm 2-Position Cap – Natural	1,000 per Bag
0002030000	17mm 2-Position Cap – Natural	1,000 per Bag

## Plug Caps

Standard caps for sealing tubes. All sizes are made from low density polyethylene, come in bags of 1,000, and are non-sterile.

Item Code	Description	Unit Packaging
1270301421	12mm Plug Cap – Natural	1,000 per Bag
1270013100	13mm Plug Cap – Natural	1,000 per Bag
1270016100	16mm Plug Cap – White	1,000 per Bag
1270301422	12/13mm Plug Stopper – Natural	1,000 per Bag



# LABORATORY TUBES

## Mailing Vial; 5mL, 10mL & 50mL

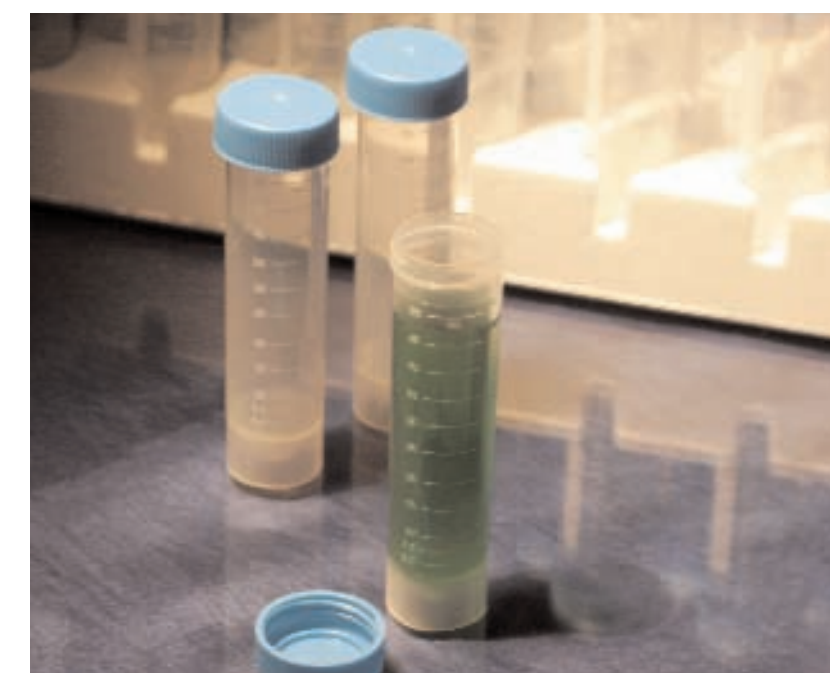
Oxford® Mailing Vials are free-standing, with a conical bottom; made from research grade and nearly unbreakable polypropylene with polyethylene caps. These tubes are ideal for the storage and transportation of samples and are designed to meet and exceed federal regulations. Purpose designed tubes and caps can be frozen to -80°C (caps are not autoclavable).

Available in 5mL, 10mL and 50mL sizes in both sterile and non-sterile – configured to meet your needs. Use the chart below to choose the transfer tubes that meet your needs.

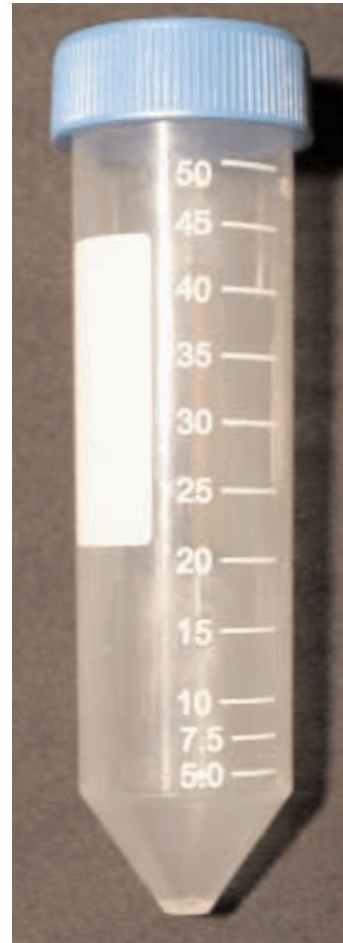
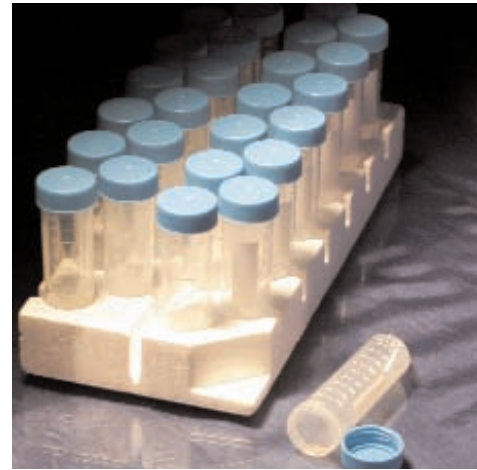
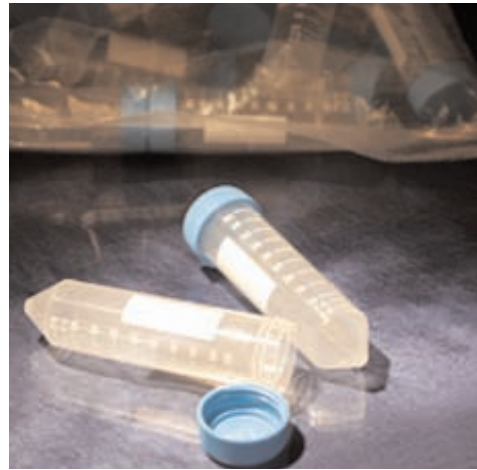


Item Code	Description	Unit Packaging
127T16056P	5ML Screw Cap Vial, Self Standing	1,000 Tube And Cap
127C16056S	5ML Screw Cap Vial, Self Standing - Str	500 Tube With Attached Cap
127T16093P	10ML Screw Cap Vial, Self Standing	1,000 Tube And Cap
127C16093S	10ML Screw Cap Vial, Self Standing - Str	500 Tube With Attached Cap
0002093000	50ml Screw Cap Vial, Self Standing	500 (10 Bags Of 50)
0002093STR	50ml Screw Cap Vial, Self Standing Bag-25 - Str	500 (20 Bags Of 25) Cap Attached

Available Summer 2006



# CENTRIFUGE TUBES



Item Code	Description	Unit Packaging
000209200P	50mL Centrifuge Tube (PP) – Natural	500 per Bag
0002082STP	50mL Centrifuge Tube (PP) – Natural, Sterile	500 (20 Bags of 25)
0002090STP	50mL Centrifuge Tube (PP) – Natural, Sterile	500 (20 Trays of 25)

Available Summer 2006

## 50mL Screw Cap Centrifuge Tubes

Our tubes are designed to perform beyond expectations whether used for Tissue Culture, Microbiology, Virology, sample collection, storage, or other laboratory functions. Molded of research grade polypropylene for strength and clarity; white silk-screen printed graduations & writing surface make sample identification easy. Dark blue caps are made of low density polyethylene, are tight sealing and leak-proof, making these tubes suitable for specimen transport. All vials come with caps; sterile products have caps attached. Available in either bulk or expanded polystyrene foam racked configurations.

Available non-sterile, or sterilized by Gamma Irradiation

	50mL Tube
Tube Material	PP
Cap Material	LDPE
Tube Height	117mm
Tube Outside Dia. (OD)	32mm
Max. Force (RCF)	6,000
Min. Temp (°C)	-80°C
Max. Temp (°C)	120°C

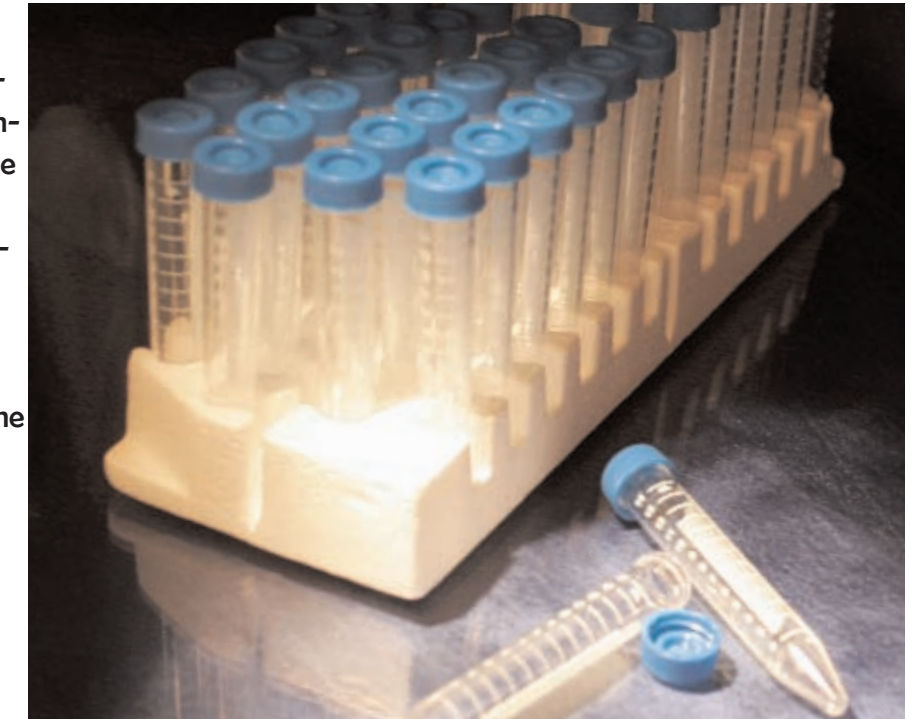
## 50/15mL Centrifuge Tube Rack

Ideal for the easy storage and use of 15mL and 50mL centrifuge tubes. Solid polypropylene construction makes these durable racks autoclavable and suitable for freezer storage.

Item Code	Description	Unit Packaging
000RACK500	50/15mL Tube Rack(PP)	5 per Bag



# CENTRIFUGE TUBES



## 15mL Screw Cap Centrifuge Tubes

Tight sealing and durable, our 15ml conical centrifuge tubes are excellent for sample collection, processing and storage. The dark blue caps are made of low density polyethylene and have a molded in sealing ring to provide a tight, leak-proof seal.

The tubes are available in either polystyrene or polypropylene. The polystyrene is crystal clear while the polypropylene is extremely durable and clear enough to easily view the sample on the interior. Available in either bulk or expanded polystyrene foam racked configurations. Available non-sterile, or sterilized by Gamma Irradiation

Item Code	Description	Unit Packaging
000208700P	15mL Centrifuge Tube (PS) – Natural	500 per Bag
0002083STP	15mL Centrifuge Tube (PS) – Natural, Sterile	500 (20 Bags of 25)
0002099STP	15mL Centrifuge Tube (PS) – Natural, Sterile	500 (10 Trays of 50)
000208800P	15mL Centrifuge Tube (PP) – Natural	500 per Bag
0002081STP	15mL Centrifuge Tube (PP) – Natural, Sterile	500 (20 Bags of 25)
0002098STP	15mL Centrifuge Tube (PP) – Natural, Sterile	500 (10 Trays of 50)

Available Summer 2006

Available Summer 2006

## 15mL Plug Cap Centrifuge Tubes

Suitable for Urinalysis and general laboratory use, these 15mL conical centrifuge tubes are manufactured in polystyrene with glass-like clarity and durable polypropylene. The extra thick walls allow these tubes to withstand continuous centrifugation (1,800 RCF (PS) and 6400 RCF (PP)). Molded in graduations are accurate within ± 0.75mL for easy visual verification of volume. Use with our 16mm Flanged Cap (1270019200) to create a leak proof seal.

Item Code	Description	Unit Packaging
000BULK150	15mL Centrifuge Tube (PS) – Natural	1,000 per Bag
000BULK151	15mL Centrifuge Tube (PP) – Natural	1,000 per Bag



# CENTRIFUGE TUBES

## Micro-Centrifuge Tubes

Available in four sizes 0.4mL, 0.5mL, 1.5mL and 2.0mL. The 400ul micro-centrifuge tube is made of low density polyethylene (LDPE) for greater chemical resistance.

Item Code	Description	Unit Packaging
000MICR040	MCT 400ul (LDPE) – Natural	1,000 per Bag



Our 0.5mL, 1.5mL, and 2.0mL snap-seal micro-centrifuge tubes have dependable closures which provide leak-tight seals – suitable for hot blocks and freezing. Made of translucent research grade polypropylene (PP) that is clarified for uncompromised sample viewing. Uniform wall thickness optimizes our tubes ability to withstand centrifugal forces. Extremely smooth interior surfaces and non-wettable material ease sample recovery while minimizing sample retention. These tubes are graduated with a frosted writing area. Caps are attached with a flexible tether, needle pierceable, and flat for easy marking. Autoclavable to 120°C, freezable to -80°C.



Item Code	Description	Unit Packaging
000MICR050	MCT 0.5mL (PP) – Natural	1,000 per Bag
000MICR052	MCT 0.5mL (PP) – Blue	1,000 per Bag
000MICR053	MCT 0.5mL (PP) – Green	1,000 per Bag
000MICR055	MCT 0.5mL (PP) – Purple	1,000 per Bag
000MICR056	MCT 0.5mL (PP) – Orange	1,000 per Bag
000MICR057	MCT 0.5mL (PP) – Red	1,000 per Bag
000MICR054	MCT 0.5mL (PP) – Yellow	1,000 per Bag

Item Code	Description	Unit Packaging
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000MICR150	MCT 1.5mL (PP) – Natural	1,000 per Bag
000MICR152	MCT 1.5mL (PP) – Blue	1,000 per Bag
000MICR153	MCT 1.5mL (PP) – Green	1,000 per Bag
000MICR155	MCT 1.5mL (PP) – Purple	1,000 per Bag
000MICR156	MCT 1.5mL (PP) – Orange	1,000 per Bag
000MICR157	MCT 1.5mL (PP) – Red	1,000 per Bag
000MICR154	MCT 1.5mL (PP) – Yellow	1,000 per Bag

## Micro Tube Performance Guide

Prior to filling Tubes with Sample:

1. Check tube fit in the rotor and bucket of your centrifuge.
2. Test compatibility of the tubes with chemical solutions used in processing. Samples with high pH and organic solvents can degrade polypropylene – causing fatigue and tube failure.

Freezing and Heating Tubes:

1. Tubes may be frozen to -80°C (-112° F) for storage. At such low temperatures tubes will become brittle and should be brought to room temperature slowly. Do not spin tubes in sub-zero temperatures.
2. Tubes may be heated to 121° C (252° F). Safe heating requires the use of additional lid securing devices. Boil tubes no longer than :30 minutes.

# CENTRIFUGE TUBES



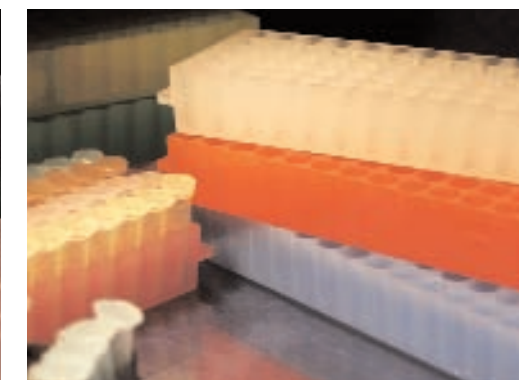
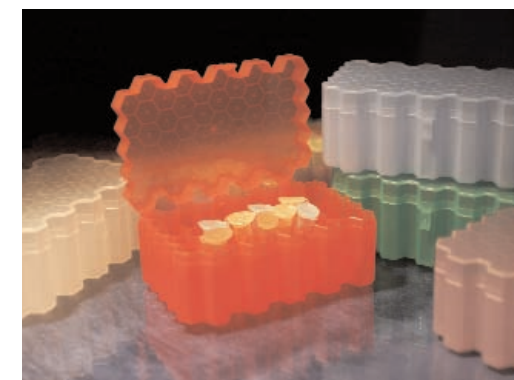
Item Code	Description	Unit Packaging
000MICR200	MCT 2.0mL (PP) – Natural	1,000 per Bag
000MICR202	MCT 2.0mL (PP) – Blue	1,000 per Bag
000MICR203	MCT 2.0mL (PP) – Green	1,000 per Bag
000MICR205	MCT 2.0mL (PP) – Purple	1,000 per Bag
000MICR206	MCT 2.0mL (PP) – Orange	1,000 per Bag
000MICR207	MCT 2.0mL (PP) – Red	1,000 per Bag
000MICR204	MCT 2.0mL (PP) – Yellow	1,000 per Bag

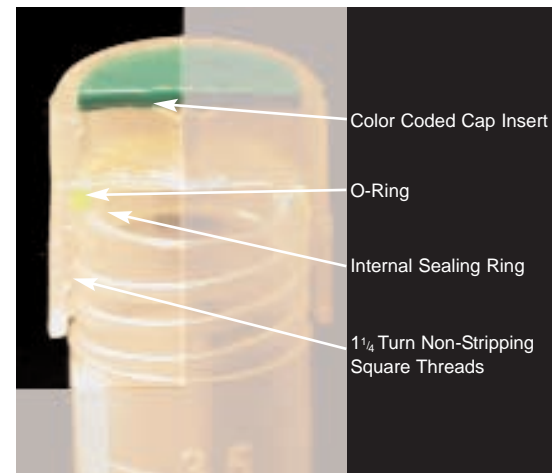
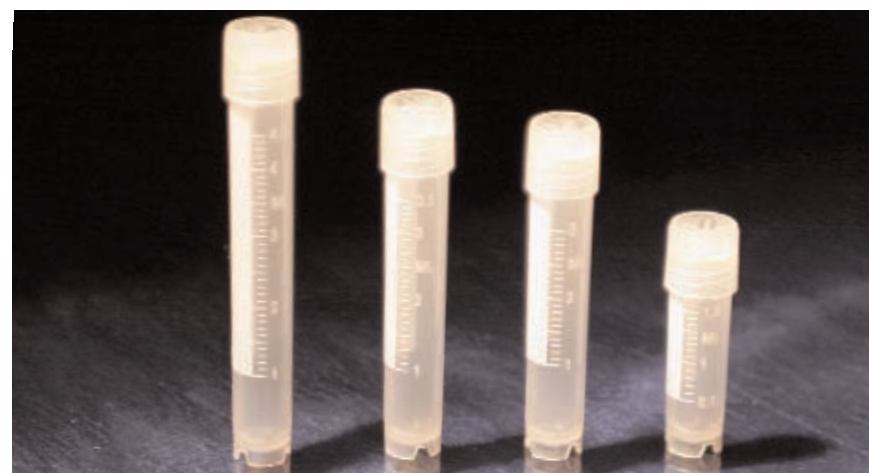
	400uL	0.5mL	1.5mL	2.0mL
Max. Force (RCF)	12,000	16,000	16,000	16,000
Tube Material	LDPE	PP	PP	PP
Max. Volume (ul)	400uL	0.5mL	1.5mL	2.0mL
Min. Temp (°C)	-100°C	-80°C	-80°C	-80°C
Max. Temp (°C)	80°C	120°C	120°C	120°C

## Micro-Centrifuge Tube Racks

Available in a variety of colors, these racks secure your samples - making handling safe and easy. All styles are suitable for freezing and autoclaving.

Item Code	Description	Unit Packaging
000000800N	Rack - MCT 80-Hole - Various Colors	5 Per Pack
000HXCSAST	Rack - MCT Hex - Various Colors	5 Per Pack





### Cryogenic Vials

Ideal for the long term storage of biological materials at temperatures as low as  $-196^{\circ}\text{C}^*$ , our polypropylene tubes and caps have a closure that includes an external thread. The round bottomed (and self-standing) tubes feature white printed graduations and writing surface.

Our caps are fitted with o-rings for a leak-proof seal. Long skirted caps require only  $1\frac{1}{4}$  turn to provide an incredibly secure seal; internal threads reduce the risk of contamination. Caps can be color coded with cap inserts for easy visual identification.

\* Plastic Cryogenic vials are for use in vapor phase of liquid nitrogen.

Item Code	Description	Unit Packaging
000CRYOS50	5.0mL Cryogenic Vial, Self Standing (PP) – Natural	500 (20 Bags of 25)
000CRYOS40	4.0mL Cryogenic Vial, Self Standing (PP) – Natural	500 (20 Bags of 25)
000CRYOS30	3.0mL Cryogenic Vial, Self Standing (PP) – Natural	500 (20 Bags of 25)
000CRYOS20	2.0mL Cryogenic Vial, Self Standing (PP) – Natural	500 (20 Bags of 2)

### Cryogenic Vial Cap Inserts

Color code your samples for easy visual identification. Our Cap Inserts are designed to fit into the cap of our cryogenic vials.

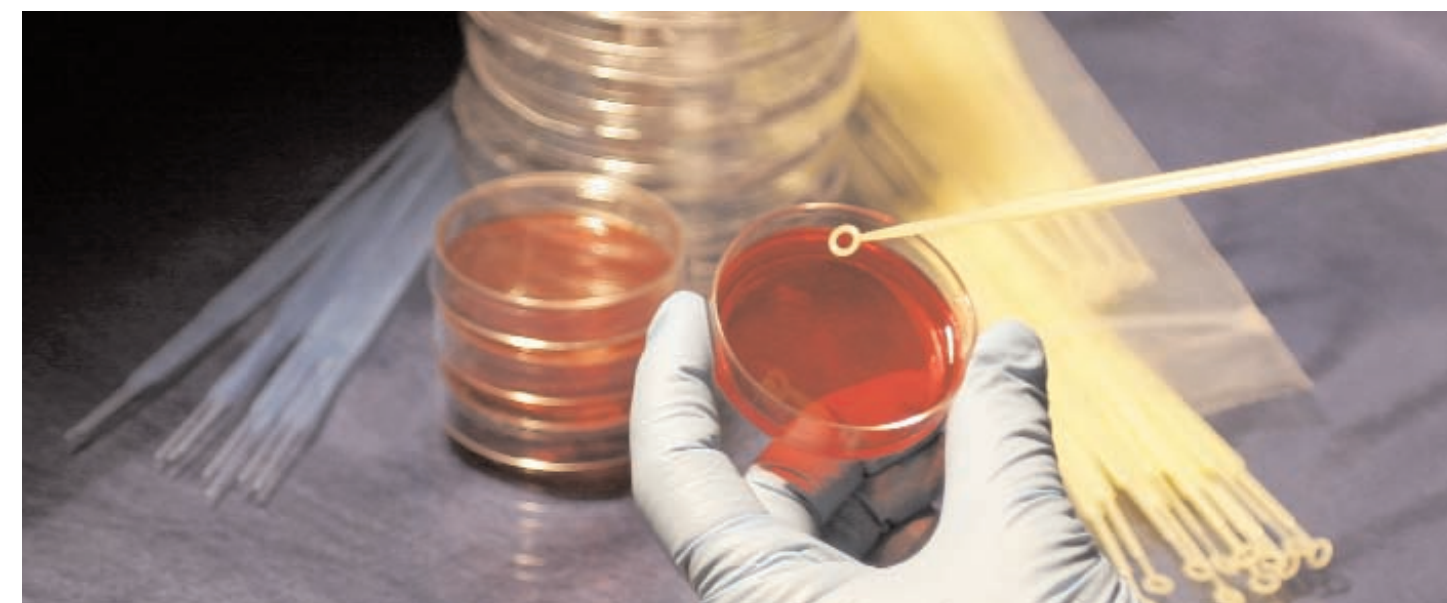
Item Code	Description	Unit Packaging
000CRYO0CE	Cap Insert, White	500 (20 Bags of 25)
000CRYO0CA	Cap Insert, Blue	500 (20 Bags of 25)
000CRYO0CD	Cap Insert, Yellow	500 (20 Bags of 25)
000CRYO0CB	Cap Insert, Red	500 (20 Bags of 25)
000CRYO0CC	Cap Insert, Green	500 (20 Bags of 25)



### Cryogenic Vial Rack

Solid polypropylene construction base and lid with printed reference grid, make these boxes ideal for cataloging and securing your samples.

Item Code	Description	Unit Packaging
000CRYO100	Box 100 Hole, Natural	5 Boxes



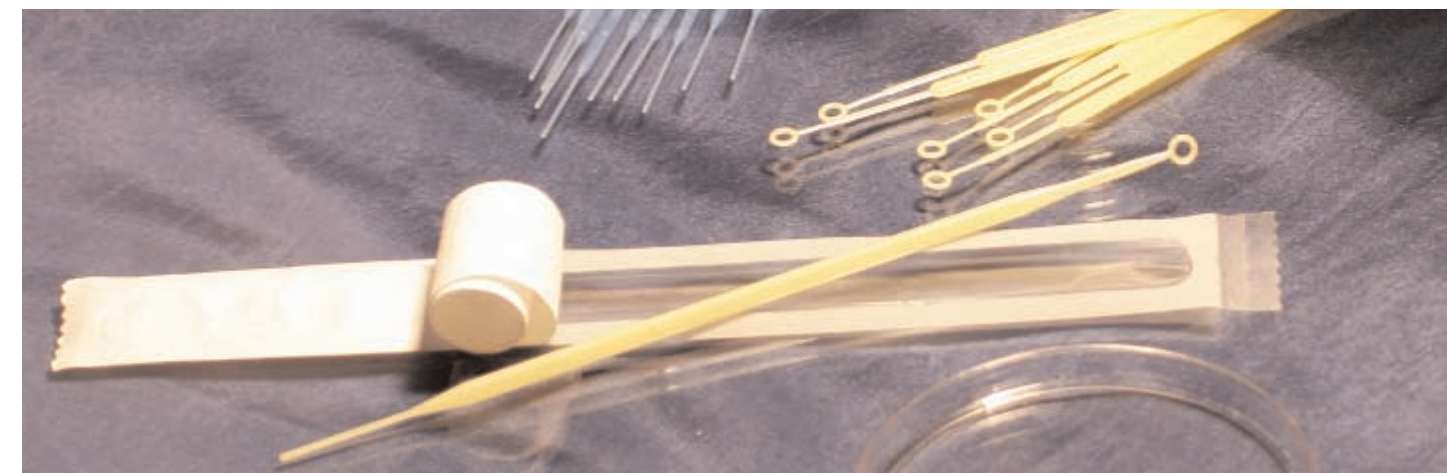
### Bioloop® Disposable Inoculation Loops and Needles

Disposable loop and needle design eliminates the need for flaming metal loops and exposure to airborne pathogens. Our smart design combining the loop and needle into one piece eliminates the frustration of searching for needles. Precision molded from inert polymers and sterilized by gamma-irradiation, our Inoculation loops and needles are designed to exceed all of your expectations. Available in three (3) packaging options and two (2) color-coded sizes:

Blue - 1 uL Loop/Needle

Yellow - 10 uL Loop/Needle

Catalog No.	Description	Packaging
5100101STR	1 uL Loop/Needle, Blue	500 Individually Wrapped
510Z025STR	1 uL Loop/Needle, Blue	500 (25 Bags of 20)
510Z101STR	1 uL Loop/Needle, Blue	500 (50 Bags of 10)
5100110STR	10 uL Loop/Needle, Yellow	500 Individually Wrapped
510Z125STR	10 uL Loop/Needle, Yellow	500 (25 Bags of 20)
510Z110STR	10 uL Loop/Needle, Yellow	500 (50 Bags of 10)



# GENERAL LABWARE

## Laboratory Funnel

These funnels are exceptionally well-designed and suitable for every laboratory funneling application. Ribbed interior and 60 degree slope facilitate filtration. Surfaces are non-wetting to ensure complete drainage and eliminate fluid loss while funneling. Designed to be disposable and cost-effective for even single-time use operations.

### Construction Material Selection Guide

**Polypropylene** - Exceptional chemical resistance; tolerates most strong acids, alkalis, and organic solvents. Heat resistant to 121 degrees C. Fully Autoclavable.

**Polystyrene** - Made from a polystyrene blend and suitable for aqueous solutions, weak acids and alkalis.



Catalog No.	Material	Size (cm)	Dia. (mm)	Stem (cm)	Filter Dia. (cm)	Packaging
8889216001	Polystyrene	5.5	69	2.5	11.0	100 per Bag
8889216100	Polystyrene	6.5	78	3.0	12.5	100 per Bag
8889217009	Polypropylene	5.5	69	2.5	11.0	100 per Bag
8889217108	Polypropylene	6.5	78	3.0	12.5	100 per Bag



## Tri-Pour Beakers

Disposable beakers are economical for even single-use operation. Unique and convenient tri-corner design provides three dripless pouring spouts. Made of polypropylene for exceptional chemical resistance; unaffected by most commonly used acids, alkalis, and solvents. Fully autoclavable and temperature resistant to 121 C; can be used as sterility vessels. Easy-to-read graduations are accurate to +/- 5 %.

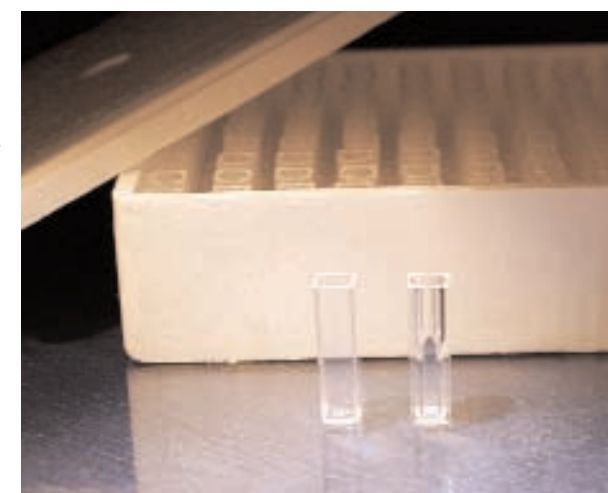
Catalog No.	Vol.(mL.)	Ht.(mm)	Dia.(mm)	Packaging
8889206101	50	55	44	100 per Bag
8889206200	100	73	53	100 per Bag
8889206309	250	90	72	100 per Bag
8889206408	400	110	80	100 per Bag
8889206507	800	134	107	100 per Bag
8889206606	1000	147	112	100 per Bag

# INSTRUMENT SPECIFIC

## Disposable Cuvettes

Square cuvette with integral reference marks available in ULTRA-VU polystyrene. Cuvettes are packaged in trays made of expanded polystyrene foam to eliminate the risk of scratching. Please see our caps (page 6) for cuvette capping options.

Catalog No.	Description	Qty. per case
1271010400	4.5 mL, Square, Polystyrene	500 (5 Trays of 100)
1271010007	2.9mL Micro, Polystyrene	500 (5 Trays of 100)



## Multi Purpose Auto Analyzer Cups

These sample cups are precision molded for effective aspiration. Oxford Worldwide brand sample cups are for use on Centrifichem®, Technicon® Auto Analyzers, Olympus Analyzers, and Johnson & Johnson® Vitros Systems.

Catalog No.	Description	Packaging
1270500770	0.25mL Ultra Micro	1,000 per Bag
1270093000	0.5 mL Micro, Polystyrene	1,000 per Bag
1270090000	2.0 mL Conical, Polystyrene	1,000 per Bag
1270090100	2.0 mL Conical, Polyethylene	1,000 per Bag
127001800P	4.0 mL Conical, Polystyrene	1,000 per Bag



## Caps for Analyzer Cups

Designed for 0.25mL, 0.5mL, and 2.0mL Multi Purpose Analyzer Cups, these tight fitting lids are perfect for preserving your samples or standards. Two styles to choose from.

Catalog No.	Description	Packaging
1270019302	Perforated Polyethylene, Blue	1,000 per Bag
1270019000	Cap Polyethylene, Natural	1,000 per Bag





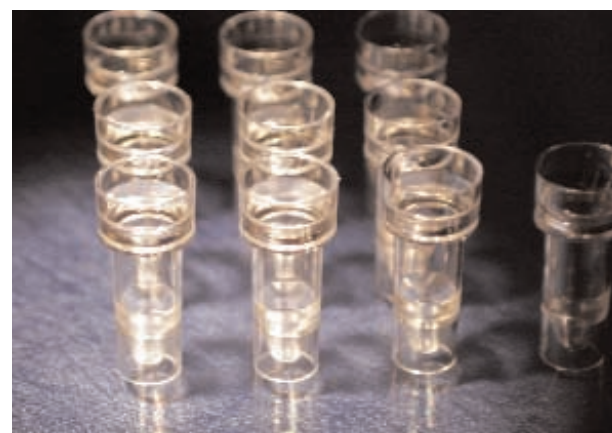
# INSTRUMENT SPECIFIC

# PIPETTES

## Hitachi Analyzer Cups

Designed specifically for the Hitachi 700 Series, Nova, and IL 1800 electrolyte instruments.

Catalog No.	Description	Packaging
127001600P	2.0 mL, Polystyrene	1,000 per Bag



## Hitachi Cup Caps

Designed specifically for the Hitachi analyzer cups (127001600P). These flexible caps form a tight seal over the outer rim of the sample cup to preserve your sample.

Catalog No.	Description	Packaging
1270017HIT	Cap Polyethylene, Natural	1,000 per Bag



## EZ-Nest Sample Cups

These polystyrene cups are inserted directly into Blood Collection Tubes eliminating the need to re-label. Samples are poured from blood collection tubes into the cup which is then placed inside the tube. Lower shoulder height prevents jamming of the instrument arm. For use on Hitachi 700 series and 911, Johnson & Johnson Vitros systems and the DuPont Dimension.

Catalog No.	Diameter	Capacity	Packaging
1270016000	16 mm	2.0mL	1,000 per Bag
1270013000	13mm	1.0mL	1,000 per Bag

## COBAS Sample Cups

These conical sample cups are available in a variety of colors for easy color coding of samples to match sample holders. A vented cap is permanently attached and ensures a reliable fit. Made from chemically inert high density polyethylene for excellent chemical resistance. Packaged in poly bags, 1,000 per bag.

Catalog No.	Color	Packaging
1270678500	Natural	1,000 per Bag
1270678600	Green	1,000 per Bag
1270678700	Yellow	1,000 per Bag
1270678800	Red	1,000 per Bag
1270678900	Blue	1,000 per Bag

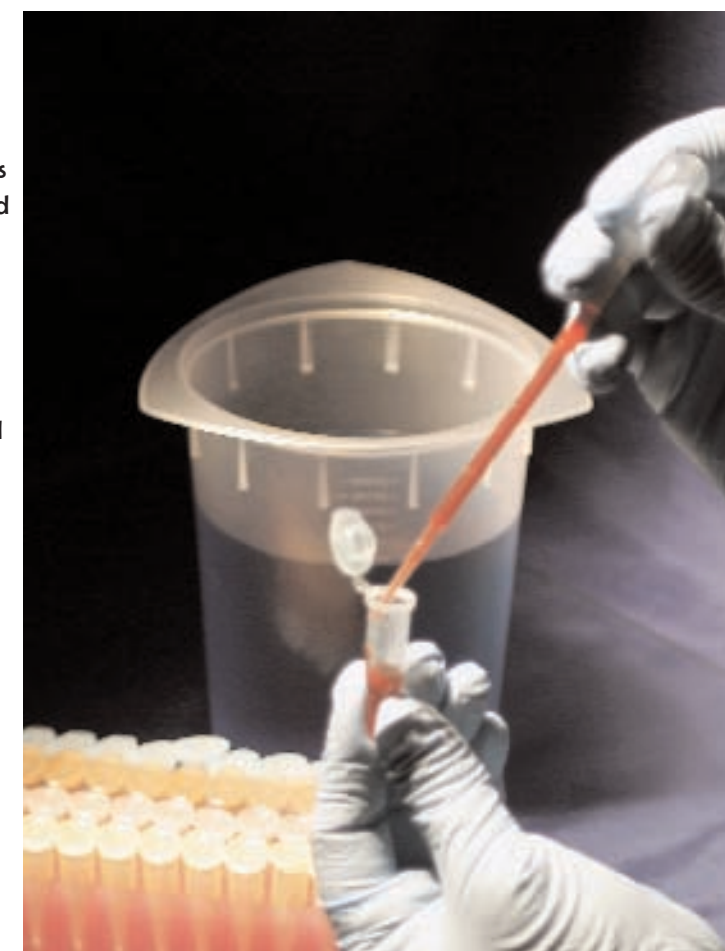


## Disposable Transfer Pipets

High quality polyethylene transfer pipets from Oxford Worldwide are ideal for the safe and efficient transfer of liquids and suitable for your most demanding laboratory procedures. Cost effective and disposable, Oxford Worldwide Transfer Pipets eliminate cross contamination, air bubbles when filling, the need to autoclave, the preparation and risks of using glass Pasteur pipets, and allows for easy one step biohazard disposal.

Their polyethylene construction provides a low affinity surface that is inert and non-toxic— shatterproof— can be heat sealed after filling (for use as an ultra-low temperature freezing vial, transport or storage container). The soft bulb and uniform wall thickness allows fluids to be aspirated smoothly and easily with a single squeeze in controlled, reproducible droplets.

We have a multitude of styles and designs; each made specifically to ease laboratory procedures requiring liquid transfer. Most sizes are available conveniently packaged in boxes of 500 (non-sterile) or 250 individually wrapped (sterile).

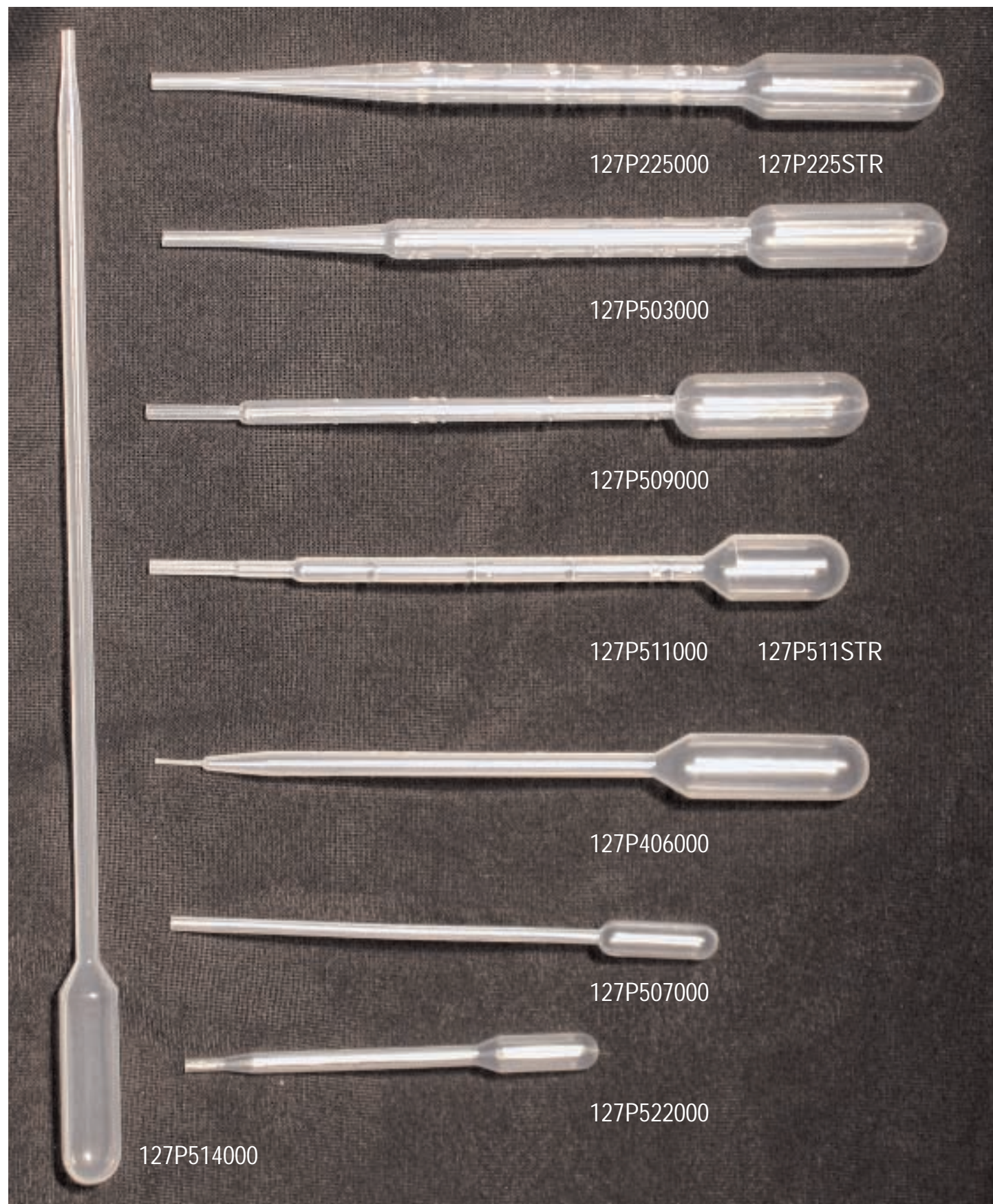


	Transfer Pipets
Material	LDPE
Min. Temperature (°C)	-100°C
Max. Temperature (°C)	80°C
Autoclavable	No

Catalog No.	Description	Length	Bulb Draw	Overall Capacity	Drops per mL	Packaging
127P225000	7mL Graduated at 3mL	155mm	3.5mL	7mL	25	500 per Box
127P225STR	7mL Graduated at 3mL - Sterile	155mm	3.5mL	7mL	25	250 per Box (Individually Wrapped)
127503000	7mL Standard	152mm	3.5mL	7mL	22	500 per Box
127509000	3mL Graduated Small Bulb	140mm	1.5mL	3mL	25	500 per Box
127511000	5mL Graduated at 1mL	145mm	3.5mL	5mL	25	500 per Box
127511STR	5mL Graduated at 1mL - Sterile	145mm	3.5mL	5mL	25	250 per Box (Individually Wrapped)
127P406000	3.5mL Micro Tip	150mm	3.5mL	3.5mL	50	500 per Box
127P507000	4mL Thin Stem, Capillary	140mm	3.5mL	4mL	25	500 per Box
127P522000	1.0mL Mini, Graduated at 0.5mL	85mm	1.0mL	1.0mL	25	1,000 per Box
127P514000	6.0mL Ext. Length Blood Bank	230mm	3.5mL	6.0mL	25	500 per Box

# PIPETTES

# PIPETTES



## 12mL Transfer Syringe

These inexpensive and disposable syringes are ideal for transferring a variety of laboratory liquids, adhesives, and corrosives. Their soft, pliable, chemically inert, and non-metallic polypropylene construction will not scratch or distort most surfaces. The tip may be cut to facilitate aspiration and delivery of fluids of varying viscosities. Graduated to 12mL.



Item Code	Volume (mL)	Unit Packaging
8889010818	12mL	50 per Box

## PipetteRx+™

**A World-Class, Pre-Paid Calibration, Repair & Exchange Program;** providing ISO/IEC 17025 compliant calibration service for **ALL Pipette Brands**. Eliminates multiple credit card & purchase order transaction costs that exceed the entire cost of our unrivaled, pre-paid calibration service!

### PipetteRx+™ Exclusive Features:

- NIST-Traceable, GMP/GLP-17025 Compliant Calibrations **below** Non-Compliant Calibration Pricing,
- Streamlines obscure, non-line-item, hidden costs & eliminates Add-On Fees
- Simplified, Single-Pricing for all Brands of Single-Channel, Multi-Channel or Electronic Pipettes,
- Pre-Addressed, Pre-Assembled Shipping Kits Saves Time & Money,
- 2-Way, Pre-Paid, FedEx® Express Delivery Service Expedites Order Processing,
- Unrivaled Added Convenience for Lab Department Buyers,
- PLUS, Impressive, Documented Cost Savings for Professional Purchasing Agents!

### PipetteRx+™ Cost-Saving Benefits:

 (Based on 100 Kits Annual Budget)

- Eliminates 99 P.O. Transactions with an Average Transaction Cost of \$91.13 = \$9,021.87, OR,
- Eliminates 99 Credit Card Transactions with an Average Transaction Cost of \$21.79 = \$2,157.21,
- + Eliminates the following typical Up-Charges: \$10-\$20 added fees for Multi-Channel & Electronic Pipettes, + \$10 added fee for ISO/IEC 17025 Compliant Calibrations, + \$10 Miscellaneous Parts Fees, + \$10-\$20 added Certificate Fees, (Up to an Additional \$6,000 in Savings over Competitive Pricing),
- + The Exclusive PipetteRx+™ Exchange Program: Trade-In Any Brand Pipette for Any Oxford® Pipette & Receive a 50% Retail Price Discount, + a new, 5-Year Factory Warranty. Oxford® features the Industry's ONLY 5-Year Warranty Program, + unlike several other Major Brands, Oxford® Pipettes accommodate ALL Universal Pipette Tips!



## Simple: Different: Better!

Item Code	Unit Packaging
PRX005	5 Individual Pre-Paid Kits
PRX025	25 Individual Pre-Paid Kits
PRX050	50 Individual Pre-Paid Kits
PRX100	100 Individual Pre-Paid Kits



1. Source: Ms. Donna McCarthy, National Institute of Government Procurement, Inc. (NIGP), based on a 1990 research report collaboratively published by Central Illinois University, Stamford University Washington University. (Documented Savings Apply to Credit Card & Purchase Order Transactions Only)  
 2. Some provisions of this program may require additional pre-approved parts costs for repairable, highly worn, out-of-warranty, or abused Pipettes. Pricing valid for USA only. Use enclosed labels ONLY: Prepaid service fulfillment is monitored by assigned tracking numbers on enclosed pre-paid FedEx Labels.



		0000V3000M	8885119464	0000V3001G	000000001B	000000002B	0000V3010G	8885119142	8885091408	8885081508
Oxford Worldwide V10TE	0.5-10ul	.								
Oxford Worldwide V20TE	2-20ul		.							
Oxford Worldwide V100TE	10-100ul			.						
Oxford Worldwide V200TE	20-200ul			.						
Oxford Worldwide V1000XRTE	100-1000ul					.	.			
Oxford Worldwide V1000TE	200-1000ul					.	.			
Oxford Worldwide VF5TE	5ul	.								
Oxford Worldwide VF10TE	10ul	.								
Oxford Worldwide VF20TE	20ul			.						
Oxford Worldwide VF50TE	50ul			.						
Oxford Worldwide VF100TE	100ul			.						
Oxford Worldwide VF200TE	200ul			.						
Oxford Worldwide VF500TE	500ul					.	.			
Oxford Worldwide VF1000TE	1000ul					.	.			
Oxford P-7000	25,50,100ul			.						
Oxford P-7000	50-300ul			.	.					
Oxford Benchmate	0.5-10ul	.								
Oxford Benchmate	5-50ul			.	.					
Oxford Benchmate	20-200ul			.	.					
Oxford Benchmate (8-Channel)	5-50ul			.	.					
Oxford Benchmate (12-Channel)	40-200ul			.	.					
Oxford Benchmate	101-1000ul					.	.			
Oxford Benchmate	1-5mL							.		
Oxford Macro Set	5-10ul								.	
Biohit Proline (Variable)	0.5-10ul	.								
Biohit Proline (Variable)	2-20ul			.						
Biohit Proline (Variable)	5-50ul			.						
Biohit Proline (Variable)	10-100ul			.						
Biohit Proline (Variable)	20-200ul			.						
Biohit Proline (Variable)	50-200ul			.						
Biohit Proline (Variable)	200-1000ul					.	.			
Biohit Proline (Single Fixed)	50ul			.						
Biohit Proline (Single Fixed)	100ul			.						
Biohit Proline (Single Fixed)	200ul			.						
Biohit Proline (Single Fixed)	1000ul					.	.			
Biohit Proline (Multi Channel)	50-250ul			.						
Biohit Proline (Multi Channel)	50-300ul			.						
Biohit Proline (Electronic)	5-100ul			.						
Biohit Proline (Electronic)	50-1000ul					.	.			

		0000V3000M	8885119464	0000V3001G	000000001B	000000002B	0000V3010G	8885119142	8885091408	8885081508
Corning/Costar Octapette	25ul			.	.					
Corning/Costar Octapette	100ul			.	.					
Corning/Costar Octapette	200ul			.	.					
Corning/Costar Onepette	1-20ul			.	.	.				
Corning/Costar Onepette	20-200ul			.	.	.				
Eppendorf Unipette 3190	20ul			.	.					
Eppendorf Unipette 3190	500ul			.	.		.	.		
Eppendorf Fixed Volume	90ul			.	.					
Eppendorf Fixed Volume	200ul			.	.		.	.		
Eppendorf 4810	0.5-10ul	.								
Eppendorf 4810	10-100ul			.	.					
Eppendorf Research/Reference	0.5-10ul	.								
Eppendorf Research/Reference	10-100ul			.	.					
Eppendorf Research/Reference	50-200ul			.	.					
Eppendorf Titerman 4908	30-300ul			.						
Finnpipette Digital ACL	0.5-10ul			.	.					
Finnpipette 4027/4500	5-40ul			.	.					
Finnpipette 4027/4500	40-200ul			.	.					
Finnpipette 4028 Fixed Volume	250ul			.	.		.	.		
Finnpipette Techpette	5-40ul			.	.					
Finnpipette Techpette	40-200ul			.	.					
Finnpipette Multi-Channel	5-50ul			.	.					
Finnpipette Digital	0.5-10ul			.	.					
Finnpipette Digital	40-200ul			.	.					
Finnpipette Digital	200-1000ul			.	.		.	.		
Gilson / Rainin – P10/EP10	0.5-10ul	.								
Gilson / Rainin – P20/EP20	0.2-20ul			.	.					
Gilson/Rainin – P100/EP100	10-100ul			.	.					
Gilson/Rainin – P200/EP250	20-200ul			.	.					
Gilson/Rainin – P1000/EP1000	101-1000ul			.	.		.	.		
Mettler Toledo Volumate	0.1-2.5ul	.								
Mettler Toledo Volumate	0.5-10ul	.								
Mettler Toledo Volumate	2-20ul			.	.					
Mettler Toledo Volumate	10-100ul			.	.					
Mettler Toledo Volumate	20-200ul			.	.					



Trademark Acknowledgements:

Calibra is a registered trademark of Socorex ISBA SA. Costar, 8 & 12 Pette, OctaPette are registered trademarks and OnePette is a trademark of Corning, Inc. Eppendorf is a registered trademark of Eppendorf-Netheler-Hinz GmbH. Finnpipette is a registered trademark of LabSystems Inc. Mettler Toledo and VoluMate are trademarks of Mettler Toledo, Inc. MLA is a registered trademark of Medical Laboratory Automation, Inc. Pipetman is a registered trademark of Gilson instrument Co. Proline is a registered trademark of Biohit Oy.

# PIPETTES

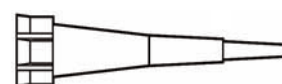
All Oxford Worldwide pipette tips are manufactured to demanding specifications to ensure proper fit and function. They are precision-molded from premium-grade non-wettable plastics to provide some of the highest quality tips available. Manufactured with clarified polypropylene, in diamond polished molds, ensuring unsurpassed clarity while minimizing liquid retention within the tip.

Our selection of tips provides styles customized to fit our pipettors. They have each been designed specifically for researchers who demand exacting performance and fluid delivery.

## Small Volume/Micro Tips

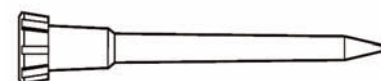
### .1-10ul – For V3 & Oxford Benchmate, Biohit, Hamilton, Uniflex, Pipetman, and Rainin

Item Code	Color	Length (mm)	Unit Packaging
0000V3000M	Natural	30mm	1,000 per Bag
0000V30M96	Natural	30mm	960 (10 Racks of 96)
0000V3SM96	Natural	30mm	960 (10 Racks of 96) Sterile



### .5-10ul – For Eppendorf, Socorex, and Wheaton

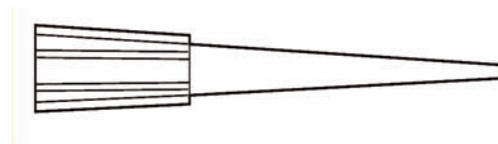
Item Code	Color	Length (mm)	Unit Packaging
8885119464	Natural	44mm	1,000 per Bag
8885119456	Natural	44mm	960 (10 Racks of 96)



## General Purpose Tips

### 1-200ul “Yellow” - For Pipetman, Biohit, Costar, Eppendorf, Finnpiquette, MLA, Oxford, Wheaton

Item Code	Color	Length (mm)	Unit Packaging
000000001B	Yellow	51mm	1,000 per Bag
0000017096	Yellow	51mm	960 (10 Racks of 96)
0000017S96	Yellow	51mm	960 (10 Racks of 96) Sterile



# PIPETTES

### 1-200ul “Natural” - For Costar, Eppendorf, Finnpiquette, Pipetman, Biohit, MLA, Oxford, Wheaton

Item Code	Color	Length (mm)	Unit Packaging
000000002B	Natural	48mm	1,000 per Bag
0000020096	Natural	48mm	960 (10 Racks of 96)
0000020S96	Natural	48mm	960 (10 Racks of 96) Sterile



### 101-1000ul Universal

Item Code	Color	Length (mm)	Unit Packaging
8885119142	Blue	71mm	1,000 per Bag
8885119159	Blue	71mm	1,000 (10 Racks of 100)
8885119274	Blue	71mm	1,000 (10 Racks of 100) Sterile



## V3 Pipettor Specific Tip

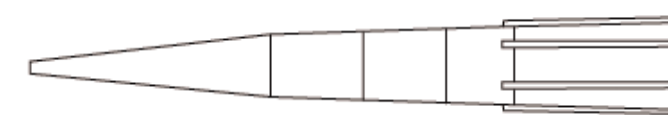
### 1-200ul - For V3-Series Pipettors

Item Code	Color	Length (mm)	Unit Packaging
0000V3001G	Natural	51mm	1,000 per Bag
0000V30096	Natural	51mm	960 (10 Racks of 96)
0000V30S96	Natural	51mm	960 (10 Racks of 96) Sterile



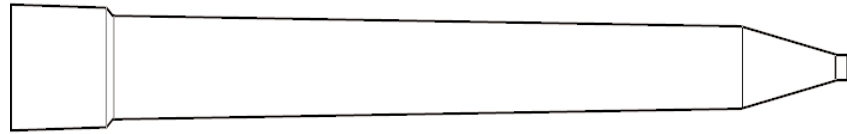
### 101-1000ul Universal

Item Code	Color	Length (mm)	Unit Packaging
0000V3010G	Natural	71mm	1,000 per Bag
0000V30100	Natural	71mm	1,000 (10 Racks of 100)
0000V3S100	Natural	71mm	1,000 (10 Racks of 100) Sterile



# PIPETTES

## Large Volume/Macro Tips



### 5mL Oxford 914 Slim Line

Item Code	Color	Length (mm)	Unit Packaging
8885091408	Natural	140mm	250 per Bag



### 5-10mL 815 Macro-Set

Item Code	Color	Length (mm)	Unit Packaging
8885081508	Blue	133mm	250 per Bag



# SAMPLE PREP & CONTAINERS



## Forceps (5")

Constructed completely of chemically inert, non-conductive, and non-metallic polypropylene. The straight tips have interlocking teeth to grip objects tightly; autoclavable.

Item Code	Description	Unit Packaging
888FOR0005	5" Forcep (PP)	1,000 (10 Bags of 100)



## Dilution Vials

This disposable hematology sample vial is precision molded from premium grade polystyrene for accurate blood cell counting. Vials are specially deionized and de-staticized to ensure accurate cell and particle counts. Vial sides are optically clear and parallel. Molded-in graduations (at 10 mL and 20 mL) will never peel, fade, or flake off. Includes leak-tight cap with thumb tab for easy removal.



Available Summer 2006	Catalog No.	Description	Unit Packaging
	000BULK030	20mL Vial (PS)	1,000 per pack

## Specimen Containers

Leak resistant cups made from shatterproof, clarified, medical grade virgin polypropylene for excellent optical clarity. Cap is made from polyethylene and provides an excellent leak-resistant seal. Graduated on three sides. Large write-on area for easy identification of contents. Cups are freezable and suitable for transport, even in pneumatic tube systems. Caps are white.

Available Summer 2006	Item Code	Description	Unit Packaging
	5003000090	3.0 oz Straight Wall Container	400 Cups & Caps
	8889207034	4.5 oz. Specimen Container	500 Cups & Caps
	500300009S	3.0 oz Straight Wall Container - Sterile	400 Cups & Caps
	8889207026	4.5 oz. Specimen Container - Sterile Individually Wrapped	100 Cups & Caps



## 24-Hour Urine Containers

These large volume 3-liter urine containers features a large mouth to ease patient use. Large handle is provides a convient and secure grip. Durable leak-proof and shatter--proof polypropylene construction.

Item Code	Description	Unit Packaging
444UCON030	3 Liter Urine Container	30 Containers

# APPENDIX

# APPENDIX

Chemical	PE 20 C	PP 20 C	PS 20 C	Chemical	PE 20 C	PP 20 C	PS 20 C
Acetyl Bromide	-	-	-	chloroform	+	+	-
Acetylene	-	+++	-	Chromic Acid 10%	+++	+++	+++
Benzol	+	++	-	Citric Acid	+++	+++	+++
Butane	+	+++	-	Cresols	-	++	-
Carbonic Acid	++	+++	-	Cyclohexane	++	-	-
Ethylene Bromide	-	-	-	Cyclohexanone	-	-	-
Ethylene Chloride	-	+	-	Diacetone Alcohol	++	+++	++
Fuel Oils	++	+++	-	Dichlorobenzene	-	+	-
Hydraulic Oil (Petro)	+	-	-	Dichloroethane	-	-	-
Hydraulic Oil (Synthetic)	+++	-	+	Diethyl Ether	-	+++	-
Hydrobromic Acid 1	++	+	-	Diethylamine	-	+++	++
Hydrogen Sulfide (aqua)	+++	+++	+++	Diethylene Glycol	++	+++	++
Hydroquinone	+++	+++	+++	Dimethyl Formamide	+++	+++	-
Jet Fuel (JP3,JP4,JP5)	-	+++	-	Ether	-	-	-
Ketones	+	+	-	Ethyl Acetate	+++	+++	-
Calcium Hydroxide Ca(OH)2	+++	+++	+++	Ethyl Benzoate	+	++	-
Potassium Hydroxide KOH	+++	+++	+++	Ethyl Chloride	+	-	-
Sodium Hydroxide NaOH	-	+++	+	Ethylene Glycol	+++	+++	+++
Methyl Bromide	+	+	-	Ethylene Oxide	+++	-	-
Monoethanolamine	+	++	-	Fluorine	+	+	-
Motor oil	+	+++	-	Formaldehyde 40%	+++	+++	-
Oils: Diesel Fuel (20,30,40,50)	+++	+++	++	Formic Acid	++	+++	+
Oils: Fuel (1, 2, 3, 5A, 5B, 6)	++	++	-	Glycerin	+++	+++	+++
Petroleum	+	++	-	Heptane	++	+	-
Phenol (Carbolic Acid)	-	++	-	Hexane	-	++	-
Potassium Chloride	+++	+++	+++	Hydrazine	-	+	-
Potassium Iodide	++	+++	++	Hydrochloric Acid 20%	+++	++	+
Sodium Carbonate	++	+++	+	Hydrochloric Acid 35%	++	+	-
Sodium Chlorate	++	+++	+	Hydrogen Peroxide 10%	+++	+++	+++
Sodium Chloride	+++	+++	++	Iodine	+++	+	+
Sodium Peroxide	+++	++	-	Isobutyl Alcohol	+++	+++	++
Sodium Sulfite	++	+++	-	Isopropyl Acetate	++	++	-
Sulfur Hexafluoride	++	-	-	Isopropyl Alcohol	+++	+++	+++
Tricresylphosphate	++	+++	+	Isopropyl Ether	+	-	-
Uric Acid	++	-	-	Lactic Acid	+++	++	+
Zinc Chloride	+++	+++	++	Mercury	+++	++	-
Zinc Sulfate	+++	+++	++	Methyl Acetate	++	-	-
Acetaldehyde	+	+++	-	Methyl Alcohol 10%	+++	+++	+
Acetamide	+++	+++	+++	Methyl Ethyl Ketone	++	++	-
Acetic Acid 20%	+++	+++	++	Methyl Isobutyl Ketone	+	+++	-
Acetic Acid 80%	-	+++	-	Methyl Isopropyl Ketone	-	-	-
Acetic Anhydride	-	++	-	Methylene Chloride	-	++	-
Acetone	++	+++	-	Nitric Acid (5-10%)	++	+++	++
Acrylonitrile	+++	+++	-	Nitrobenzene	+	++	-
Adipic Acid	+++	++	+++	Nitromethane	-	++	-
Aluminum Chloride 20%	++	+++	++	Perchloric Acid	++	+	+
Aluminum Hydroxide	+++	+++	++	Perchloroethylene	-	-	-
Aluminum Potassium Sulfate	+++	+++	++	Phenol 10%	+	+	-
Aluminum Sulfate	+++	+++	++	Phosphoric Acid > 40%	++	+++	+++
Ammonia 10%	+	+++	++	Picric Acid	++	+	-
Ammonium Acetate	+++	+++	+++	Potassium Hydroxide	+++	+++	++
Ammonium Chloride	+++	+++	++	Propylene Glycol	++	+++	+++
Ammonium Hydroxide	+++	+++	++	Resorcinal	++	+++	++
Ammonium Nitrate	+++	+++	++	Salicylic Acid	++	+++	+++
Ammonium Sulfate	+++	+++	++	Silver Nitrate	+++	+++	++
Ammonium Sulfite	++	+++	++	Sodium Acetate	+++	+++	++
Amyl Acetate	+	++	-	Sodium Hydroxide 20%	-	+++	+++
Aniline	+	+++	-	Sodium Hydroxide 50%	-	+++	+++
Aqua Regia (80%HCl,20%HNO3)	++	++	+	Sodium Hypochlorite	++	++	+++
Benzaldehyde	+++	-	-	Stearic Acid	++	+++	+++
Benzene	+	-	-	Sulfur Dioxide	++	+++	+
Benzoic Acid	+++	++	++	Sulfuric Acid 75%	+++	++	+
Bromine	-	-	-	Sulfuric Acid	++	+	-
Butyric Acid	-	++	-	Tartaric Acid	+++	+++	++
Calcium Hydroxide	+++	+++	++	Tetrahydrofuran	+	++	-
Calcium Hypochlorite	+++	+++	++	Toluene (Toluol)	+	+	-
Carbon Disulfide	+	-	-	Trichloroacetic Acid	+++	+++	+
Carbon Tetrachloride	-	-	-	Trichloroethane	-	+	-
Chlorine Water	++	+	-	Trichloroethylene	-	-	-
Chlorobenzene (Mono)	+	+	-	Urea	+++	+++	+++
Chlorobromomethane	+++	+++	++	Xylene	++	++	-

+++ = Excellent, ++ = Good, + = Fair, - = Severe Effect, not recommended for use.

Resin Codes: PE (Polyethylene), PP (Polypropylene), and PS (Polystyrene)

## Useful Conversions:

### Temperature

$$^{\circ}\text{F} = (1.8 \times ^{\circ}\text{C}) + 32$$

$$^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times 0.555$$

$$^{\circ}\text{Kelvin} = ^{\circ}\text{C} + 273.2$$

### Volume

$$\text{cubic cm (cc)} = \text{mL}$$

$$\text{oz (fluid)} \times 29.57 = \text{mL}$$

## Sterilization

Products denoted as sterile have been sterilized by gamma irradiated in accordance with AAMI guidelines. Certificates of sterility are kept on file by Oxford Worldwide, LLC and are available upon request.

### Length

$$\text{inch} \times 2.54 = \text{cm}$$

### Centrifugal Force (RPM to RCF)

$$\text{RCF} = (1.119 \times 10^{-5}) * (\text{rpm})^2 * r$$

r = the radius of the rotor in cm

rpm = centrifuge speed in revolutions per minute

## Autoclaving Procedures

We only recommend autoclaving products made from polypropylene according to the following procedure:

Cycle	Steam
Temperature	121°C
Pressure	15 psi
Time	:15 minutes

## Limit of Liability:

We warrant our products to be free of defects in material and workmanship. Our products are designed, manufactured, and intended for use in the laboratory. We make no warranty of merchantability of fitness for particular use of any product we manufacture or sell, and there are no warranties which extend beyond the description on the face hereof. Under no circumstances are we liable for any consequential damages arising from the use or misuse of our products. It is up to the individual user to validate all products prior to running any protocol or experiment.

Any liability incurred is limited exclusively to the replacement of defective product. Under no circumstances shall we be held liable for consequential damages resulting from loss of property damage by our products. Data provided in this catalog is correct and reliable to the best of our knowledge at publication date.

## Return Policy:

Contact Customer Service to receive a Returned Goods Authorization (RGA). An RGA is required for all goods returned for credit, and the RGA number must be referenced on shipping labels and documents. Returns arriving without an RGA number will be refused and returned at the sender's expense. Authorized returns must be received within 30-days of the issuance date of the RGA. A restocking fee may be assessed depending on the factors involved - please contact Customer Service for more information.

We do not accept product returns from shipments which were shipped more than 90-days prior to the request date (120 days for international shipments), products that have been specially manufactured, repackaged, custom labeled, modified, mutilated, discontinued, changed in design, or have no useful shelf life. Polystyrene products can not be returned.

## Freight Claims:

Shipments leave our warehouse in good condition. Prior to signing, inspect shipments for damage or shortages. If product is received in poor condition, or the shipment is damaged and/or incomplete (and not noted on the Packing List), it should be either refused OR noted on the Bill of Lading at time of delivery. Please contact our Customer Service Department and insure the delivery driver signs the Delivery Receipt or Bill of Lading noting the shortage or damage. If the driver refuses to sign, the shipment should be rejected.

If product is missing but the shipment is in good condition, you should accept the shipment AND note the shortage on the Bill of Lading at time of delivery.

Any damage not noticed at time of delivery must be reported to the carrier and an inspection requested. DO NOT dispose of damaged product for either 30-days or until the claim is settled. We will not be responsible for any shortage or damage claims if these instructions are not complied with.