

# Corning Glass and Equipment Selection Guide

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Sciences

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Discovering Beyond Imagination

CELEBRATING  
**PYREX®**  
90 YEARS



Corning Life Sciences is pleased to present our Glass and Equipment Product Selection Guide. In this guide, you will find a selection of Corning's newest and most requested products.

For up-to-date information on Corning Life Sciences' comprehensive range of products and services, go to **[www.corning.com/lifesciences](http://www.corning.com/lifesciences)**.

At [www.corning.com/lifesciences](http://www.corning.com/lifesciences), you will have the ability to access:

- ▶ New Products Information
- ▶ Technical Information including:
  - Application Notes
  - Instruction Manuals
  - Product Bulletins
- ▶ Product Catalog Information
- ▶ Product Literature
- ▶ Complete Distributor Information

Refer to our complete listing of the Corning Life Sciences Corporate Offices and Distributors (see page iii).

You can always reach our Customer Support Center at 1.800.492.1110.







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### Mark Your PYREX<sup>SM</sup> Glassware

Corning is pleased to introduce an exciting NEW product evolution called **Mark Your PYREX** Glassware. **Mark Your PYREX** Glassware is PYREX glassware with customized labeling etched into the existing marking spot. You can have glassware customized with your own text to identify your lab, a date, or even your name.

#### Personalize your glassware to:

- ▶ Identify it as yours
- ▶ Trace it throughout your storage, usage and cleaning processes. Markings don't fade after they're cleaned.
- ▶ Quickly recognize the significance of the glassware's use without consulting a color chart



**Mark Your PYREX** Glassware is available NOW through your Corning authorized distributor or directly from Corning.

For the list of eligible products and instructions on how to order, please visit the following website:

[http://www.corning.com/lifesciences/pdf/lg\\_Mark\\_Your\\_Pyrex\\_SS\\_customform\\_cls\\_gl\\_o09.pdf](http://www.corning.com/lifesciences/pdf/lg_Mark_Your_Pyrex_SS_customform_cls_gl_o09.pdf)

# Ordering

## ORDERING THROUGH A DISTRIBUTOR

Corning products are available through any authorized Corning distributor. A complete list of Corning distributors in the U.S. and all international markets are included for your reference.

To place an order, simply contact the distributor of your choice. For each requested product, provide the Corning catalog number, product description, and desired quantity.

## ORDERING DIRECTLY FROM CORNING

U.S. Customers who currently have Corning accounts can order directly from Corning. Orders can be placed by telephone, fax, or email to:

Corning Life Sciences  
45 Nagog Park  
Acton, MA 01720  
Telephone: 1.800.492.1110  
Fax: 978.635.2476  
Email: [actoncs@acton.corning.com](mailto:actoncs@acton.corning.com)

For each product order, provide information on the Corning catalog number, product description, and desired quantity. Also include your billing and shipping address and your Corning account number.

## PRODUCT INFORMATION

Many Corning products in this catalog are identified as EXPRESS items. For these items, an “E” will follow the Corning catalog number. If ordered from a distributor, these EXPRESS items may be drop shipped from Corning.

The Corning EXPRESS program features:

- ▶ Fast delivery
- ▶ Product available in either shelf pack or case quantities
- ▶ Minimum order quantity is a shelf pack. If no shelf pack is available, then the item is only available as a full case.
- ▶ Items will be drop shipped from either Corning’s facilities or consolidated with your normal distributor shipment.
- ▶ Shipment via UPS, RPS, or Air Freight (when requested)

# Reusable Glass

## ADAPTERS

### 7800 PYREX® Brand, Drying, ⌘ Joint



Inverted form with the inner ⌘ joint at one end only, with a single bulb. The chamber is approximately 110 mm long including the bulb, 30 mm O.D. and will take a No. 2 rubber stopper.

Cat. No.	⌘ Joint Size	Approx. Bulb O.D. (mm)	Approx. Length (mm)	Qty/Pk	Qty/Cs
7800-24 E	24/40	30	183	1	12

### 7805 PYREX Brand, Drying



With one bulb and medium-sized ⌘ joints.

Cat. No.	Approx. Length (mm)	⌘ Joint Size	Qty/Cs
7805-14 E	110	14/20	1
7805-24 E*	125	24/40	1

\*This tube is also a replacement part for organic chemistry kit Cat. No. 6949.

### 8800 PYREX Brand, Adapter, Reducing, ⌘ Joints



With an outer ⌘ joint at the top and a smaller inner ⌘ joint at the bottom.

Cat. No.	⌘ Top Outer Joint Size	⌘ Bottom Inner Joint Size	Approx. Length (mm)	Qty/Pk	Qty/Cs
8800-2419 E	24/40	19/38	105	2	6
8800-2924 E	29/42	24/40	105	2	6
8800-3424 E	34/45	24/40	110	–	1

### 8820 PYREX Brand, Adapter, Enlarging, ⌘ Joints



With an outer ⌘ joint at the top and a larger inner ⌘ joint at the bottom.

Cat. No.	⌘ Top Outer Joint Size	⌘ Bottom Inner Joint Size	Approx. Length (mm)	Qty/Pk	Qty/Cs
8820-1019 E	10/30	19/38	85	–	1
8820-1024 E	10/30	24/40	90	2	12
8820-1424 E	14/35	24/40	90	–	1
8820-1924 E	19/38	24/40	95	1	6
8820-2429 E	24/40	29/42	100	1	6
8820-2434 E	4/40	34/45	110	1	6
8820-2445 E	24/40	45/50	115	1	6
8820-2455 E	24/40	55/50	120	1	6
8820-2945 E	29/42	45/50	115	–	1

### 8821 PYREX Brand, Adapter



One end with a ⌘ ground joint and the other end tooled to accommodate a thermometer. The adapter is supplied complete with a rubber thermometer holder, Cat. No. 7715.

Cat. No.	⌘ Joint Size	Approx. Length (mm)	Qty/Cs
8821-14 E	14/20	60	1
8821-19 E	19/22	57	1
8821-24 E*	24/40	80	1

\*This tube is also a replacement part for all Corning organic chemistry kit Cat. Nos. 6949-6949K.





**8823 PYREX® Brand, Adapter, Offset, Full Length,  $\text{F}$  Joints**

With  $\text{F}$  outer joint on one end and  $\text{F}$  inner joint on other end. Joints are the same size on both ends.

Cat. No.	$\text{F}$ Joint Size	Height (mm)	Offset (mm)	Qty/Cs
8823-14 E	14/20	90	20	1
8823-24 E	24/40	160	25	1
8823-29 E	29/42	180	28	1



**8825 PYREX Brand, Adapter, Bushing Type,  $\text{F}$  Joints**

These adapters are fabricated with heavy walls for mechanical strength and are further strengthened by the heavy, uniform rim at the top which affords a serviceable finger grip. These adapters are shorter than the conventional type, thus allowing more compact and convenient assemblies. Useful for attaching  $\text{F}$  thermometers.

Cat. No.	$\text{F}$ Outer Joint Size	$\text{F}$ Inner Joint Size	Approx. Length (mm)	Qty/Pk	Qty/Cs
8825-2410 E	24/40	10/30	54	2	12
8825-2414 E	24/40	14/35	54	2	12
8825-2419 E	24/40	19/38	54	2	12
8825-2924 E	29/42	24/40	56	2	12
8825-3424 E	34/45	24/40	59	2	12



**8840 PYREX Brand, Adapter, 105° Angle,  $\text{F}$  Joint**

The arms are approximately 105° apart. The upper end is equipped with an outer  $\text{F}$  joint. The lower end is cut off at an angle and is used as a receiver adapter. Tube O.D. is 12 mm.

Cat. No.	$\text{F}$ Outer Joint Size	Qty/Pk	Qty/Cs
8840-24 E	24/40	2	12



**8920 PYREX Brand, Connecting, 75° Angle, Two-Way  $\text{F}$  Joints**

The arms are approximately 75° apart and both are equipped with inner  $\text{F}$  joints of the same size. Often used as a stillhead adapter

Cat. No.	$\text{F}$ Inner Joint Size	Qty/Pk	Qty/Cs
8920-24 E	24/40	2	12



**8930 PYREX Brand, Connecting, Distilling,  $\text{F}$  Joints**

With full-length inner  $\text{F}$  joints of same size. The connecting arm is approximately at a 75° angle from vertical and is 200 mm. long.

Cat. No.	Approx. O.D. (mm)	$\text{F}$ Inner Joint Size	Qty/Cs
8930-24 E	22	24/40	1



**8940 PYREX Brand, Connecting, 105° Angle, Two-Way,  $\text{F}$  Joints**

The arms are approximately 105° apart. One end is equipped with an outer  $\text{F}$  joint and the other end with an inner  $\text{F}$  joint of the same size. Used as a receiver adapter.

Cat. No.	Top Outer $\text{F}$ Joint Size	Bottom Inner $\text{F}$ Joint Size	Qty/Pk	Qty/Cs
8940-24 E	24/40	24/40	1	12



**8945 PYREX Brand, Connecting, 105° Angle, Two-Way, Suction Tube,  $\text{F}$  Joints**

A receiver adapter, with a vacuum connection. The vacuum tube O.D. is 10 mm.

Cat. No.	Approx. Length (mm)	$\text{F}$ Inner and Outer Joint Size	Approx. Stem Length Below $\text{F}$ Joint (mm)	Qty/Pk	Qty/Cs
8945-24 E	295	24/40	170	1	6

**8946 PYREX® Brand, Adapter, 105° Angle, Distilling,  $\text{F}$  Joints**

With outer  $\text{F}$  joint at the top and an inner-sealed through drip-tip joint at the bottom. Bent at a 105° angle. The serrated sidearm is 10 mm O.D. Drip-tip at the bottom extends about 20 mm below the lower end of the joint.

Cat. No.	Approx. Length (mm)	$\text{F}$ Inner and Outer Joint Size	Qty/Pk	Qty/Cs
8946-24	175	24/40	1	6

**8947 PYREX Brand, Vacuum, Connecting, 105° Angle,  $\text{F}$  Joints**

With tubulation of 10 mm O.D. for attaching to a vacuum pump or to inner and outer  $\text{F}$  joints. Includes a drip-tip on the inner tube.

Cat. No.	$\text{F}$ Inner and Outer Joint Size	Qty/Pk	Qty/Cs
8947-14 E	14/20	–	1
8947-19 E*	19/22	1	6

\*These tubes are also replacement parts for organic chemistry kits Cat. Nos. 6949-E, 6949G-2, and 6949K.

**8950 PYREX Brand, Distilling, 60° Angle, Three  $\text{F}$  Joints**

Cat. No.	$\text{F}$ Inner and Outer Joint Size	Approx. Length (mm)	Qty/Cs
8950-24 E*	24/40	206	1

\*This tube is also a replacement part for organic chemistry kit Cat. No. 6949.

**8980 PYREX Brand, Connecting,  $\text{F}$  10/30 Thermometer Opening, 75° Angle, Three-Way**

The sidearm is at an angle approximately 75° from the lower joint. The lower end and sidearm are equipped with inner  $\text{F}$  24/40 joints. The outer  $\text{F}$  10/30 joint accommodates a thermometer.

Cat. No.	$\text{F}$ Top Outer Joint Size	$\text{F}$ Bottom Inner Joint Size	Approx. Length (mm)	Qty/Pk	Qty/Cs
8980-24 E	10/30	24/40	160	1	6

**9000 PYREX Brand, Connecting, 75° Angle, Three-Way,  $\text{F}$  Joints**

The sidearm is at an angle approximately 75° from the lower joint. The lower end and sidearm are equipped with inner  $\text{F}$  joints, and the upper end with an outer  $\text{F}$  joint. All joints on each tube are of the same size.

Cat. No.	$\text{F}$ Inner and Outer Joint Size	Approx. Length (mm)	Qty/Pk	Qty/Cs
9000-14 E	14/20	105	–	1
9000-19 E*	19/22	105	–	1
9000-24 E	24/40	160	1	6

\*These tubes are also replacement parts for organic chemistry kits Cat. Nos. 6949-E, 6949G-2, and 6949K.

**9021 PYREX Brand, Connecting, 120° Angle, Three-Way,  $\text{F}$  Joints**

The sidearm is at an angle approximately 120° from the lower joint. Both outer and inner  $\text{F}$  joints are of the same size.

Cat. No.	$\text{F}$ Inner and Outer Joint Size	Approx. Length (mm)	Qty/Cs
9021-24 E*	24/40	162	1

\*This tube is also a replacement part for organic chemistry kit Cat. No. 6949.

**9040 PYREX® Brand, Connecting, Claisen type, Three-Way, 3/8 Joints**

With outer 3/8 joints at the upper end and on the parallel sidearm. With inner 3/8 joint at the lower end. All joints on each tube are of the same size.

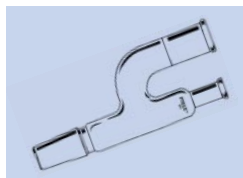
Cat. No.	3/8 Inner and Outer Joint Size	Approx. Length (mm)	Qty/Cs
9040-24	24/40	160	6

**9050 PYREX Brand, Connecting, Claisen Type, Three-Way, 3/8 Joints**

A three-way tube with two outer and one inner joint of the same size.

Cat. No.	3/8 Inner and Outer Joint Size	Approx. Length (mm)	Qty/Cs
9050-14 E	14/20	125	1
9050-19 E*	19/22	123	1

\*This tube is also a replacement part for organic chemistry kits Cat. Nos. 6949-E, 6949G-2, and 6949K.

**9057 PYREX Brand, Adapter, Thermometer, Offset**

With 3/8 outer joint on one end and 3/8 inner joint on other end. Both 3/8 joints are the same. The tubulation has a 3/8 10/30 outer joint for attaching a 3/8 ground thermometer.

Cat. No.	3/8 Joint Size	Overall Height (mm)	Offset (mm)	Qty/Cs
9057-24 E	24/40	170	45	1
9057-29 E	29/42	170	50	1

**9060 PYREX Brand, Connecting, 3/8 10/30 Thermometer Opening, Distilling, Three-Way, 3/8 Joints**

The sidearm is at an angle approximately 75° from the lower part of the vertical tube. The joint on the sidearm is at an angle approximately 105° from the sidearm. The sidearm and lower tube are equipped with inner 3/8 joints of the same size. The upper tube is equipped with an outer 3/8 10/30 joint for a thermometer.

Cat. No.	3/8 Top Outer Joint Size	3/8 Bottom Inner Joint Size	Approx. Width (mm)	Qty/Pk	Qty/Cs
9060-24 E	10/30	24/40	200	1	6

**9420 PYREX Brand, Distilling, Suction, 3/8 Joints**

For converting ordinary flasks with 3/8 jointed necks to vacuum-type 3/8 receivers. With an outer 3/8 joint at the top and an inner 3/8 joint of the same size at the bottom. The sidearm is approximately 10mm O.D. by 25 mm long.

Cat. No.	3/8 Inner and Outer Joint Size	Approx. Total Length (mm)	Qty/Pk	Qty/Cs
9420-24 E*	24/40	137	1	6

\*This tube is also a replacement part for organic chemistry kit Cat. No. 6949.



## BEADS

### 7268 PYREX® Brand, Solid Glass



Useful as packing for distillation columns, mixing beads and boiling stones. Beads are packaged in 0.45 kg. (1 lb.) packs, which have a packing volume of approximately 360 cm<sup>3</sup> or 22 cubic inches.

Cat. No.		Approx. Diam. (mm)	Avg. Count (Lb)	Diam. Tolerance (± mm)	Qty/Pk	Qty/Cs
7268-3	E	3	13,600	.75	1	4
7268-4	E	4	5,700	.75	1	4
7268-5	E	5	3,000	.75	1	4
7268-6	E	6	1,700	.75	1	4

## BEAKERS

### 1000 PYREX Brand, Griffin, Low Form, Double Scale, Graduated



Beaker, with spout, manufactured with uniform wall thickness, offers optimum balance between thermal shock resistance and mechanical strength. For convenience, the 250 through 4000 mL beakers have a double graduated metric scale to indicate approximate content. All sizes have an extra large marking spot. The 10 mL size is not graduated.

Cat. No.	Capacity (mL)	Graduation Range (mL)	Approx. O.D. x Height (mm)	Graduation Interval (mL)	Qty/Pk	Qty/Cs
1000-10	10	–	25 x 32	–	12	48
1000-20	20	5-15	32 x 40	5	12	48
1000-30	30	5-25	35 x 53	10	12	48
1000-50	50	10-40	42 x 56	10	12	48
1000-100	100	20-80	50 x 72	10	12	48
1000-150	150	20-140	57 x 86	10	12	48
1000-250	250	25-200	68 x 90	25	12	48
1000-400	400	25-325	77 x 110	25	12	48
1000-600	600	50-500	90 x 124	50	6	36
1000-800	800	50-750	98 x 135	50	6	24
1000-1L	1000	50-1000	108 x 158	50	6	24
1000-1XL	1500	200-1400	121 x 166	100	4	16
1000-2L	2000	200-2000	131 x 193	100	4	8
1000-3L	3000	250-2500	146 x 216	125	1	6
1000-4L	4000	500-3500	160 x 250	250	1	6
1000-PACK*	Assortment Pack				5	1 set

\*A convenience pack containing one each of the most popular sizes of 1000 beaker. Designed for the low volume user, a case contains one each of five sizes; 50 mL, 100 mL, 250 mL, 600 mL and 1L. Packaged in a partitioned carton for safe transit and storage. Reference: ASTM E-960.

### 1003 PYREX Brand, Griffin, Heavy Duty, Graduated



Heavy duty beakers specifically designed to offer the best mechanical strength under harsh conditions, such as mechanized washing operations. For convenience, the 250 through 4000 mL beakers have a double graduated metric scale to indicate their approximate content. All sizes have an extra large marking spot.

Cat. No.	Capacity (mL)	Graduation Range (mL)	Approx. O.D. x Height (mm)	Graduation Interval (mL)	Qty/Pk	Qty/Cs
1003-150	150	20-140	57 x 86	20	12	48
1003-250	250	25-200	68 x 90	25	12	48
1003-400	400	25-325	77 x 110	25	12	48
1003-600	600	50-500	90 x 124	50	6	36
1003-1L	1000	50-1000	108 x 156	50	6	24
1003-2L	2000	200-1800	131 x 180	200	4	8
1003-4L	4000	500-3500	160 x 250	250	1	4

Reference: ASTM E-960.



**1005 PYREX® Brand, Griffin, Low Form, Double Scale, Graduated, Student Grade**

Student grade, economy beaker with spout, manufactured with uniform wall thickness. It offers optimum balance between thermal shock resistance and mechanical strength. For convenience, the 250 through 1000 mL beakers have a double graduated metric scale to indicate approximate content. All sizes have a large triangular marking spot.

Cat. No.	Capacity (mL)	Grad. Range (mL)	Grad. Interval (mL)	Approx. O.D. x Height (mm)	Qty/Cs
1005-50	50	10-40	10	42 x 56	12
1005-100	100	20-80	10	50 x 72	12
1005-150	150	20-140	10	57 x 82	12
1005-250	250	25-200	25	68 x 90	12
1005-400	400	25-325	25	77 x 110	12
1005-600	600	50-500	50	90 x 124	6
1005-800	800	50-750	50	98 x 135	6
1005-1L	1000	50-1000	50	108 x 158	6

For beaker cover, See Cat. No. 9985.  
Reference: ASTM E-960.



**1010 PYREX Brand, Handle**

A sturdy, molded glass handle is secured to this beaker by a stainless steel strap which fits into a recess in the beaker wall. Hot liquids can be handled easily and safely.

Cat. No.	Description	Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
1010	Complete	3000	155 x 213	1	8
1010-BO	Beaker Only	3000	155 x 213	1	8



**1060 PYREX Brand, Berzelius, Tall Form, with Spout, Graduated**

A tall beaker with spout to facilitate pouring. For convenience, these beakers are graduated to indicate their approximate content.

Cat. No.	Capacity (mL)	Grad. Range (mL)	Approx. O.D. x Height (mm)	Grad. Interval (mL)	Qty/Pk	Qty/Cs
1060-100	100	20-80	50 x 79	10	12	48
1060-200	200	25-150	56 x 102	25	12	48
1060-300	300	25-250	64 x 118	25	12	48
1060-400	400	25-325	69 x 127	25	6	36
1060-500	500	50-450	75 x 136	50	6	30
1060-600	600	50-550	79 x 152	50	6	24
1060-1L	1000	50-950	89 x 187	50	6	18

For beaker cover, See No. 9985.  
Reference: ASTM E-960.



**11000 VYCOR® Brand, Griffin, Low Form, Ungraduated**

Beaker, with spout, made of Code No. 7913 glass (96% silica), which has high thermal and chemical resistance and is stable with acids, mild alkalis, water and steam, similar to fused quartz. It can be used at much higher temperatures (1200°C) than Cat. No. 7740 borosilicate glass and can withstand more thermal shock.

Cat. No.	Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
11000-250	250	69 x 88	–	8
11000-400 E	400	77 x 107	1	6

### 6480 PYREX® Brand, Beaker, Double Spout, Double Scale



Graduated in both fluid ounces and milliliters. The graduations are approximate only. These blown graduates, of substantial weight for greater mechanical strength, are ideal for measuring hot solutions. (Because of their heavy walls, they should not be subjected to direct contact with the heat source.)

Cat. No.	Capacity (mL)	Fl. Oz.	Approx. O.D. x Height (mm)	Grad. Interval (mL)	Qty/Pk	Qty/Cs
6480-125 E	125	4	56 x 102	5	1	12
6480-250 E	250	8	64 x 130	10	1	12
6480-500 E	500	16	78 x 172	25	1	12
6480-1L	1000	32	102 x 190	50	1	6
6480-2L	2000	64	117 x 265	50	1	6

## BOTTLES

### 1220 PYREX Brand, Aspirator, Outlet for Tubing



A range of bottles featuring a tubular sidearm outlet to facilitate attachment of flexible tubing. Useful as a delivery/storage container for solutions.

Cat. No.	Capacity (mL)	Rubber Stopper No.	Approx. O.D. of Outlet (mm)	Approx. Diam. x Height (mm)	Qty/Pk	Qty/Cs
1220-250 E	250	2	10	70 x 132	6	18
1220-500 E	500	4	10	86 x 164	6	12
1220-1L	1000	6	10	107 x 200	1	6
1220-2L	2000	6	15	133 x 250	1	6
1220-4L	4000	10	13	165 x 298	1	4
1220-2X E	9500	12	13	187 x 476	–	1
1220-3X E	13250	12	13	238 x 445	–	1
1220-5	19000	12	13	292 x 508	–	1

### 61220 PYREXPLUS® Brand, Aspirator, Protective Coating,\* Outlet for Tubing



Bottle has a protective PVC coating for longer product life and safety. Protective coating helps prevent glass from shattering and reduces spills. Autoclavable (121°C) and resistant to thermal shock. Bottle features a tubular sidearm outlet for attachment of flexible tubing. The tubulation is not coated to allow easy connection of standard size tubing.

Cat. No.	Capacity (mL)	Rubber Stopper No.	Approx. O.D. of Outlet (mm)	Approx. Diam. x Height (mm)	Qty/Pk	Qty/Cs
61220-250 E	250	2	10	70 x 132	1	6
61220-500 E	500	4	10	86 x 164	1	6
61220-1L E	1000	6	10	107 x 200	1	4
61220-2L E	2000	6	12.5	133 x 250	1	4
61220-4L E	4000	10	12.5	165 x 298	–	1
61220-3X E	13250	12	12.5	238 x 445	–	1

Do not place over direct heat or flame. Do not heat above 121°C moist heat or 110°; dry heat.  
\*Covered by U.S. Patent #4940613.

### 1260 PYREX Brand, Centrifuge, Heavy Wall



For use where relatively small amounts of solids are involved. These bottles have a small bottom area, which permits concentration of sediment for decanting operations. Due to the heavy wall, the actual capacity is approximately 85% of the capacity listed.

Cat. No.	Capacity (mL)	Rubber Stopper No.	Approx. Diam. x Height (mm)	Qty/Pk	Qty/Cs
1260-250	250	6	60 x 143	–	12
1260-500 E	500	6	73 x 175	1	6

The 250 mL fits IEC #384, the 500 mL fits IEC #353.





**1261 PYREX® Brand, Centrifuge, Heavy Wall, Screw Cap**

Particularly useful in handling sputum specimens. This bottle enables digestion, shaking, neutralizing and centrifuging to be performed in one container. The tight-fitting polypropylene screw cap with Teflon® liner reduces the possibility of aerosol escape.

Cat. No.	Capacity (mL)	Approx. Diam. x Height (mm)	G.P.I. Thread Finish	Qty/Pk	Qty/Cs
1261-200 E	200	60 x 141	38 x 400	1	12
1261-CO	–	Cap Only, White	38 x 400	–	1



**1285 PYREX Brand, Blake Culture, Rectangular**

This bottle is convenient for growing mass cultures. Made with tool-finished neck for increased strength and uniform stopper fit. Will withstand repeated sterilization (wet or dry).

Cat. No.	Capacity (mL)	Rubber Stopper No.	Approx. Cross Section (mm)	Approx. Height (mm)	Qty/Cs
1285-1L E	1000	6	64 x 95	271	1



**1290 PYREX Brand, Roux Culture, Offset Neck**

This bottle is designed so that when laid flat, it will hold approximately one-half of the stated capacity of solution. Offset neck is tool-finished for increased strength and uniform stopper fit. It is useful for growing mass cultures and single or monolayer cultures. Will withstand repeated sterilization (wet or dry). Bottle stacks for easy storage.

Cat. No.	Capacity (mL)	Approx. Cross Section (mm)	Approx. Height (mm)	Qty/Cs
1290-1L	1000	57 x 122	269	18



**1295 PYREX Brand, Povitsky, Diphtheria Toxin**

These rectangular bottles are designed for general tissue culture work or preparation of diphtheria toxin. Offset tooled neck has increased strength and uniform stopper fit. Will withstand repeated sterilization (wet or dry). Designed by Dr. Olga R. Povitsky.

Cat. No.	Capacity (mL)	Rubber Stopper No.	Approx. Cross Section (mm)	Approx. Height (mm)	Qty/Cs
1295-2L E	2000	6	89 x 114	327	1
1295-5L	5000	10	114 x 152	467	4



**1340 PYREX Brand, Dropping, Bulb and Pipet, Glass Stopper**

Recommended for use where preventing contamination by solubility or pH change is important. Stopper is not covered by § specifications, but ground to an interchangeable 1:10 taper. Pipet capacities are .25, .5, and 1.0 mL respectively.

Cat. No.	Description	Capacity (mL)	Approx. Diam. x Height w Stopper (mm)	Qty/Cs
1340-30	E Complete	30	35 x 110	12
1340-60	E Complete	60	43 x 130	12
1340-125	E Complete	125	55 x 150	12
1340-30PO	E Pipet w/Bulb Only	.25	–	1
1340-60PO	E Pipet w/Bulb Only	.5	–	1
1340-125PO	E Pipet w/Bulb Only	1.0	–	1

Reference: ASTM D-281.



**1350 PYREX® Brand, Hypering, Graduated**

Graduated in 25 mL approximate divisions which can be read from the top or bottom.

Cat. No.	Capacity (mL)	Rubber Stopper No.	Approx. Dia. x Height (mm)	Qty/Cs
1350-2L E	2000	10	119 x 296	1



**1367 CORNING® Brand, Milk Dilution, Screw Cap**

Narrow mouth bottle for general storage of solutions and tissue culture work. Phenolic cap with rubber liner will withstand sterilization (wet at 121°C). Meets the requirements for milk dilution bottles stated in the *Standard Methods for the Examination of Dairy Products*, published by the American Public Health Association.

Cat. No.	Capacity (mL)	Approx. Cross Section (mm)	Approx. Height (mm)	Qty/Pk	Qty/Cs
1367-160	160	44 x 44	150	12	48

For cap only, see Cat. No. 9999-28 size G.P.I. No. 28-400.



**1368 CORNING Brand, Milk Dilution, Wide Mouth, Screw Cap**

Wide mouth bottle (approximately 28 mm opening) to facilitate addition of dry solids or liquids. Phenolic cap with rubber liner will withstand sterilization (wet at 121°C). Meets the requirements for milk dilution bottles stated in the *Standard Methods for the Examination of Dairy Products*, published by the American Public Health Association.

Cat. No.	Capacity (mL)	Approx. Cross Section (mm)	Approx. Height (mm)	Qty/Pk	Qty/Cs
1368-160	160	44 x 44	150	12	48

For cap only, see Cat. No. 9999-40, size G.P.I. No. 40-400.



**1372 CORNING Brand, Milk Dilution, Screw Cap, Graduated**

Narrow mouth bottle with a cut-line graduation mark at 99 ± 1 mL. Phenolic cap with rubber liner will withstand sterilization (wet at 121°C). Meets the requirements for milk dilution bottles stated in the *Standard Methods for the Examination of Dairy Products*, published by the American Public Health Association.

Cat. No.	Capacity (mL)	Approx. Cross Section (mm)	Approx. Height (mm)	Qty/Pk	Qty/Cs
1372-160	160	44 x 44	150	12	48

For cap only, See No. 9999-28, G.P.I. No. 28-400.



**1373 CORNING Brand, Milk Dilution, Wide Mouth, Screw Cap, Graduated**

Wide mouth bottle for easy measuring or filling. With cut-line graduation mark at 99 ± 1 mL. Phenolic cap with rubber liner will withstand sterilization (wet at 121°C).

Cat. No.	Capacity (mL)	Approx. Cross Section (mm)	Approx. Height (mm)	Qty/Pk	Qty/Cs
1373-160	160	44 x 44	150	12	48

For cap only, see Cat. No. 9999-40, G.P.I. No. 40-400.

**1395 PYREX® Brand, Media, Storage, Screw Cap**

Heavy duty bottle which can be used for storage as well as mixing and sampling. Includes linerless, one-piece autoclavable polypropylene plug seal cap with drip free pouring rings. Optional red PBT caps and red ETFE pouring rings are available for dry heat sterilization (180°C). Glass bead indicates full capacity line on 100 mL through 2 liter size. Bottles have permanent white enamel graduations and marking spots. Color-coded polypropylene caps in a choice of orange, green, purple, red, and light gray are available.



Cat. No.	Description	Capacity (mL)	Thread Finish	Approx. Diameter x Height (mm)	Grad. Range (mL)	Grad. Interval (mL)	Qty/ Cs
1395-25	E Storage Bottle	25	GL25	36.5 x 70	10-25	5	10
1395-50	Storage Bottle	50	GL32	46 x 88	20-50	10	10
1395-100	Storage Bottle	100	GL45	56 x 100	40-80	20	10
1395-250	Storage Bottle	250	GL45	70 x 138	50-200	50	10
1395-500	Storage Bottle	500	GL45	86 x 176	100-400	100	10
1395-1L	Storage Bottle	1000	GL45	101 x 225	100-900	100	10
1395-2L	Storage Bottle	2000	GL45	136 x 262	400-1800	200	10
1395-5L	Storage Bottle	5000	GL45	186 x 335	500-4500	500	1
1395-10L	Storage Bottle	10000	GL45	234 x 410	2000-9000	1000	1
1395-32LTC	Orange Cap	-	GL32	-	-	-	20
1395-32LTR	Clear Ring	-	GL32	-	-	-	50
1395-32HTC	Red Cap, High Temp	-	GL32	-	-	-	10
1395-45LTC	Orange Cap	-	GL45	-	-	-	20
1395-45LTR	E Clear Ring	-	GL45	-	-	-	50
1395-45LTR	Clear Ring	-	GL45	-	-	-	50
1395-45HTC	Red Cap, High Temp	-	GL45	-	-	-	10
1395-45HTR	Red Ring, High Temp	-	GL45	-	-	-	50
1395-45LTC1	E Purple Cap	-	GL45	-	-	-	20
1395-45LTC2	E Light Gray Cap	-	GL45	-	-	-	20
1395-45LTC3	E Green Cap	-	GL45	-	-	-	20
1395-45LTMC	Gray Membrane Cap	-	GL45	-	-	-	10
1395-25HTSC	Cap, Open Top, PBT, High Temp	-	GL25	-	-	-	10
1395-32HTSC	Cap, Open Top, PBT, High Temp	-	GL32	-	-	-	10
1395-45HTSC	Cap, Open Top, PBT, High Temp	-	GL45	-	-	-	10
1395-25SS	Septa, Silicone	-	GL25	-	-	-	10
1395-32SS	Septa, Silicone	-	GL32	-	-	-	10
1395-45SS	Septa, Silicone	-	GL45	-	-	-	10
1395-25TS	Septa, PTFE Faced Silicone	-	GL25	-	-	-	10
1395-32TS	Septa, PTFE Faced Silicone	-	GL32	-	-	-	10
1395-45TS	Septa, PTFE Faced Silicone	-	GL45	-	-	-	10

**Caution:** Bottles larger than 2L should NOT be used with bottle top filter units, or in other applications involving vacuum pressure, as breakage may occur. DO NOT have caps tightened immediately after autoclaving as the vacuum resulting from cooling can cause breakage. A pouring ring is not included on 25 mL size. A vented cap is NOT recommended for use on the 5L and 10L 1395 bottle.



### 51395 PYREX® Brand, Low Actinic Bottle, Media, Storage, Graduated, Screw Cap



Heavy duty bottle of low actinic glass for use when storing/transporting light sensitive materials. Includes a linerless, one-piece, autoclavable, orange polypropylene, plug-seal cap with drip-free pouring rings. Glass bead indicates full capacity line. Permanent white enamel graduations and marking spots. Thread size: GL45. Neck I.D.: 29 mm I.D.

Cat. No.	Capacity (mL)	Diameter x Height (mm)	Approx. Grad. Range (mL)	Grad. Interval (mL)	Qty/Cs
51395-100 E	100	56 x 100	40-80	20	4
51395-250 E	250	70 x 138	50-200	50	4
51395-500 E	500	86 x 176	100-400	100	4
51395-1L E	1000	101 x 225	100-900	100	4

Replacement caps and pouring rings are available under Cat. No. 1395 series.

### 1396 PYREX Brand, Media Storage, Screw Cap, Graduated, Square



Manufactured from PYREX borosilicate glass for chemical and thermal resistance. Square bottles are easier to handle, require less space (13-20%) on the shelf or in the autoclave and are ideal for mixing, sampling and storage. Features include white enamel graduations, large marking spot and a glass ridge molded into the bottle to indicate full capacity. Includes linerless, one-piece, autoclavable, orange, polypropylene plug seal cap with drip-free pouring ring. A wide range of optional caps are available under the catalog series 1395.

Cat. No.	Description	Cap. (mL)	Thread Finish	Approx. Dimensions O.D. x Hgt. (mm)	Grad. Range (mL)	Grad. Interval (mL)	Qty/Cs
1396-100*	Bottle, Square, Cap, Pour Ring	100	GL32	50 x 105	40-80	20	10
1396-250*	Bottle, Square, Cap, Pour Ring	250	GL45	64 x 138	50-200	50	10
1396-500*	Bottle, Square, Cap, Pour Ring	500	GL45	78 x 176	100-400	100	10
1396-1L*	Bottle, Square, Cap, Pour Ring	1000	GL45	94 x 217	100-900	100	10
1395-25HT	Cap, Open Top, PBT, High Temp	-	GL25	-	-	-	10
1395-32HT	Cap, Open Top, PBT, High Temp	-	GL32	-	-	-	10
1395-45HT	Cap, Open Top, PBT, High Temp	-	GL45	-	-	-	10
1395-25SS	Septa, Silicone	-	GL25	-	-	-	10
1395-32SS	Septa, Silicone	-	GL32	-	-	-	10
1395-45SS	Septa, Silicone	-	GL45	-	-	-	10
1395-25TS	Septa, PTFE Faced Silicone	-	GL25	-	-	-	10
1395-32TS	Septa, PTFE Faced Silicone	-	GL32	-	-	-	10
1395-45TS	Septa, PTFE Faced Silicone	-	GL45	-	-	-	10

\*Do NOT have caps tightened immediately after autoclaving as the vacuum resulting from cooling can cause breakage. Not applicable for vacuum use.

### 1400 PYREX Brand, Roller Bottle with 38 mm Screw Cap



Manufactured from borosilicate glass for optical clarity and mechanical strength. Can withstand repeated wet or dry sterilization. Supplied with 38 mm deep skirted rubber-lined phenolic screw cap.

Cat. No.	Description	Cell Growth Area (cm <sup>2</sup> )	Dimensions O.D. x Height (mm)	Qty/Cs
1400-285 E	Roller Bottle	840	110 x 285	2
1400-440 E	Roller Bottle	1170	110 x 440	2
1400-490 E	Roller Bottle	1330	110 x 490	2
1400-570 E	Roller Bottle	1585	110 x 570	2
1400-CAP E	Cap, Phenolic G.P.I. 38-430	-	-	1

**1450 PYREX® Brand, Roller Bottle with 51 mm Screw Cap**



Manufactured from borosilicate glass for optical clarity and mechanical strength. Can withstand repeated wet or dry sterilization. Wide mouth simplifies cell harvesting. Supplied with phenolic, rubber-lined cap.

Cat. No.	Description	Cell Growth Area (cm <sup>2</sup> )	Dimensions O.D. x Height (mm)	Qty/Cs
1450-270 E	Roller Bottle	670	110 x 270	2
1450-475 E	Roller Bottle	1330	110 x 475	2
1450-570 E	Roller Bottle	1585	110 x 570	2
1450-CAP E	Cap, Phenolic G.P.I. 51-400	-	-	1

**1500 PYREX Brand, Reagent, Narrow Mouth, PYREX § Stopper**

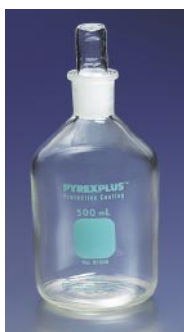


With neck ground and furnished with § stopper.

Cat. No.	Description	Capacity (mL)	§ Stopper No.	Approx. Diam. x Height (mm)	Qty/Pk	Qty/Cs
1500-125	Complete	125	19	55 x 136	6	48
1500-250	Complete	250	19	70 x 160	1	36
1500-500	Complete	500	24	86 x 198	1	24
1500-1L	Complete	1000	29	107 x 235	1	24
1500-2L	Complete	2000	29	133 x 282	1	6

For stopper only, see Cat. No. 7575.

**61500 PYREXPLUS Brand, Reagent, Narrow Mouth, Protective Coating\* PYREX § Stopper**



Features a protective PVC coating for longer product life and safety. Protective coating helps prevent glass from shattering and reduces spills. Autoclavable (121°C) and resistant to thermal shock. Bottle has a ground neck with a § stopper.

Cat. No.	Description	Capacity (mL)	§ Stopper No.	Approx. Diam. x Height (mm)	Qty/Pk	Qty/Cs
61500-125 E	Complete	125	19	55 x 136	6	12
61500-250 E	Complete	250	19	70 x 160	1	6
61500-500 E	Complete	500	24	86 x 198	1	6
61500-1L E	Complete	1000	29	107 x 235	1	6
61500-2L E	Complete	2000	29	133 x 282	-	1

For stopper only, see Cat. No. 7575.

Do not place over direct heat or flame. Do not heat above 121°C moist heat or 110°C dry heat.

Not recommended for dry heat sterilization. Will melt.

\*Covered by U.S. Patent #4940613.

**1580 PYREX Brand, Reagent, Wide Mouth, Stopper**



This wide mouth bottle is supplied with an improved stopper. Meets A.P.H.A. requirements for a water sample bottle. Not covered by § specifications, but stopper is ground to an interchangeable 1:10 taper approximately 12.7 mm (1/2") in length.

Cat. No.	Description	Capacity (mL)	Stopper No.	Approx. Dia. x Height (mm)	Qty/Pk	Qty/Cs
1580-125 E	Complete	125	29	57 x 142	12	24

**1585 PYREX® Brand, Serum**



Designed especially for handling and storing sterile culture media and sera where stability of the glass is of prime importance. Also suitable for storing distilled water and standard solutions. Will withstand hot air (dry) or steam (wet) sterilization. Necks are tooled to increase mechanical strength and for uniform stopper fit.

Cat. No.	Capacity (mL)	Rubber Stopper No.	Approx. Diam. x Height (mm)	Qty/Cs
1585-4L	4000	8	165 x 287	8
1585-9L	9000	8	203 x 408	4

**1595 PYREX Brand, Solution**



These bottles are designed for storage of solutions and are ideal for media preparation. The 9.5 liter (2½ gallon) and 13.25 liter (3½ gallon) sizes are in a conventional bottle shape. The 19 liter (5 gallon) and 45.5 liter (12 gallon) sizes are similar in design to a carboy. The 19 liter size is weight controlled to 15 lbs. maximum for ease of handling. The necks are tooled to increase mechanical strength and for uniform stopper fit.

Cat. No.	Capacity (mL)	Rubber Stopper No.	Approx. Diam. x Height (mm)	Qty/Cs
1595-2X	9500	12	187 x 470	4
1595-3X	13250	12	238 x 445	4
1595-5	19000	12	292 x 508	1
1595-12	45500	12	406 x 584	1

**51595 PYREX Brand, Solution Bottle, Low Actinic**



These bottles are designed for storage of solutions and are ideal for media preparation. They are made from low actinic glass to protect light sensitive materials. The 9.5 liter (2.5 gallon) and the 13.25 liter (3.5 gallon) sizes are in a conventional bottle shape. The 19.5 liter (5 gallon) and 45.5 liter (12 gallon) sizes are similar in design to a carboy. The 19.5 liter size is weight controlled to 15 pounds maximum for ease of handling. The necks are tooled to increase mechanical strength and for uniform stopper fit.

Cat No.		Capacity (mL)	Rubber Stopper No.	Approx. Dia. x Height (mm)	Qty/Cs
51595-12	E	45500	12	406 x 584	1
51595-2X	E	9500	12	187 x 470	1
51595-3X	E	13250	12	238 x 445	1
51595-5	E	19000	12	292 x 508	1

**1596 PYREX Brand, Solution, Graduated, Carboy**



With double scale (liters and gallons) black enamel graduations. Graduated in 500 mL increments.

Cat. No.	Capacity (mL)	Rubber Stopper No.	Approx. Diam. x Height (mm)	Qty/Cs
1596-9L	9500	12	187 x 476	4
1596-13L	13250	12	238 x 438	4
1596-19L	19000	12	292 x 508	1



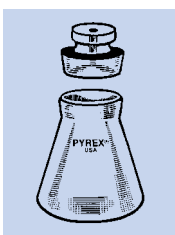


**61596 PYREXPLUS® Brand, Solution, Protective Coating,\* Graduated, Carboy**

Bottle features a protective PVC coating for longer product life and safety. Protective coating helps prevent glass from shattering and reduces spills. Autoclavable (121°C) and resistant to thermal shock. Designed for storage of solutions, ideal for media preparation. The 9L and 13L sizes are in conventional bottle shape. The 19L size is similar in design to a carboy. Necks are tooled to increase mechanical strength and for uniform stopper fit. Graduated in 500 mL increments with black enamel.

Cat. No.		Capacity (mL)	Rubber Stopper No.	Approx. Diam. x Height (mm)	Qty/Pk	Qty/Cs
61596-9L	E	9500	12	187 x 476	1	2
61596-13L	E	13250	12	238 x 438	-	1
61596-19L		19000	12	292 x 508	-	1

Do not place over direct heat or flame. Do not heat above 121°C moist heat or 110°C dry heat.  
\*Covered by U.S. Patent #4940613.

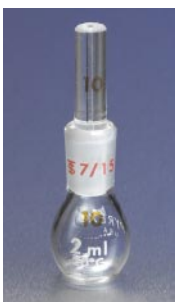


**1620 PYREX Brand, Hubbard-Carmick, Specific Gravity**

Use with viscous fluids, semi-solid bitumens and emulsions.

Cat. No.		Capacity (mL)	Stopper Size	Approx. Diam. x Height (mm)	Qty/Cs
1620-25		25	24/12	40 x 57	12

Reference: ASTM Test D-70, D-1429 and D-115.



**1622 PYREX Brand, Gay Lussac Bottle, Specific Gravity**

Unadjusted for calibration in the laboratory.

Cat. No.		Capacity (mL)	Approx. Dia. x Height without Stopper	Qty/Cs
1622-2	E	2	17 x 32	1
1622-5	E	5	19 x 39	1
1622-10	E	10	31 x 48	1
1622-25	E	25	39 x 62	1



**61626 PYREXPLUS Brand Bottles, Media, Storage, Screw Cap**

Heavy duty bottle which can be used for storage as well as mixing and sampling. A protective PVC coating\* helps prevent glass from shattering and reduces spills. Autoclavable (121°C) and resistant to thermal shock. Bottle comes complete with autoclavable, one-piece, teal colored, polypropylene plug seal cap with drip-free pouring ring. Glass bead indicates full capacity line. Teal enameled graduations and marking spot. Thread size: GL45. Neck opening: 29 mm I.D.

Cat No		Capacity (mL)	Approx. Diameter x Height (mm)	Grad. Range (mL)	Grad. Interval (mL)	Qty/Cs
61626-100	E	100	56 x 100	40 -80	20	4
61626-250	E	250	70 x 138	50-200	50	4
61626-500	E	500	86 x 176	100-400	100	4
61626-1L	E	1000	101 x 225	100-900	100	4
61626-2L	E	2000	136 x 262	400-1800	200	4

\*Covered by U.S. Patent #4940613.

**1680 PYREX® Brand, Weighing, Tall, Short Length § Joints**



Tall form bottle with a ST joint style opening that accepts a closed bottom, hollow pennyhead style stopper.

Cat. No.	Approx. Capacity (mL)	Approx. Weight (g)	§ Joint	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
1680-1550	7	9	14/10	15 x 50	6	24
1680-1580	12	13	14/10	15 x 80	–	6
1680-2540	12	18	24/12	25 x 40	6	24
1680-2550	16	21	24/12	25 x 50	6	24
1680-3060	30	30	29/12	30 x 60	6	18
1680-4050	45	52	40/12	40 x 50	6	12
1680-4080	70	67	40/12	40 x 80	6	12
1680-5060	85	78	50/12	50 x 60	–	6

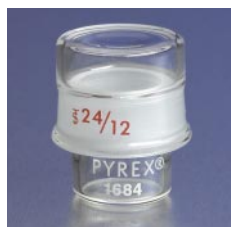
**1682 PYREX Brand, Weighing, Low Form, Short Length § Joints**



Low form bottle with a ST joint style opening that accepts a closed bottom hollow Pennyhead style stopper.

Cat. No.	Approx. Capacity (mL)	Approx. Weight (g)	§ Joint	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
1682-5030	35	53	50/12	50 x 30	2	6
1682-6030	50	71	60/12	60 x 30	2	6
1682-7033	82	111	71/15	70 x 33	2	6

**1684 PYREX Brand, Weighing, PARR, Short Length External § Joints**



Joints Designed for use in weighing small samples. The closure style cap fits over the externally ground body.

Cat. No.	Approx. Capacity (mL)	Approx. Weight (g)	§ Joint	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
1684-2024	4	12	24/12	20 x 24	6	12

**1686 PYREX Brand, Weighing, Regular, Short Length External § Joints**



Standard form bottle with a closure that fits over the external ground body.

Cat. No.	Approx. Capacity (mL)	Approx. Weight (g)	§ Joint	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
1686-2540	12	20	29/12	25 x 40	6	18
1686-2550	16	25	29/12	25 x 50	6	18
1686-3060	30	32	34/12	30 x 60	6	18
1686-4050	45	55	45/12	40 x 50	6	12
1686-4060	70	72	45/12	40 x 60	6	12
1686-40100	92	83	45/12	40 x 100	6	12

**1688 PYREX Brand, Weighing, Low Form, Short Length External § Joints**



Low form bottle like the 1682 bottles but with a closure that fits over the external ground body.

Cat. No.	Approx. Capacity (mL)	Approx. Weight (g)	§ Joint	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
1688-5030	36	68	55/12	50 x 30	–	2
1688-6030	42	73	60/12	60 x 30	–	2



**7732 PYREX® Brand, Bomb, Gum Stability**

For the determination of gum stability of gasoline. The cover prevents condensed vapors in bomb stem from contaminating the sample, but does not interfere with free flow of oxygen. Made in accordance with ASTM D-525.

Cat. No.	Description	Approx. O.D. x Height (mm)	Qty/Cs
7732 E	Complete	50 x 105	1
7732-CO E	Cover Only	–	1



**7735 PYREX Brand, Ramsbottom, Bulb, Carbon Residue**

Used in determining carbon residue in petroleum products. Reference: ASTM D-524.

Cat. No.	Approx. O.D. x Body Length (mm)	Stem O.D. (mm)	Qty/Pk	Qty/Cs
7735-24	24 x 57	8	12	24

**GAS WASHING BOTTLES**



**31750 PYREX Brand, Gas Washing, Side Inlet, Fritted Disc, Stopper**

The side tube on this bottle has a rod sealed to the bottle near the top for extra strength. Tubulation O.D. is 10 mm. The large diameter fritted disc permits the handling of large volumes of gas.

Cat. No.	Description	Capacity (mL) and Porosity	Stopper Size	Dia. of Disc (mm)	Approx. O.D. x Height (mm)	Qty/Cs
31750-350C E	Complete	350 C	24/40	60	70 x 285	1



**1760 PYREX Brand, Gas Washing, Tall Form, Stopper**

The stopper incorporates a plain tip tube as the distributor. These bottles have large hexagonal bases for stability. Tubulations are 10 mm O.D.

Cat. No.	Description	Capacity (mL)	Stopper Size	Approx. Height (mm)	Qty/Cs
1760-125 E	Complete	125	29/42	335	1
1760-250 E	Complete	250	29/42	340	1
1760-500 E	Complete	500	29/42	390	1



**31760 PYREX Brand, Gas Washing, Tall Form, Fritted Disc, Stopper**

These bottles have a large hexagonal base for stability. The fritted disc provides greater efficiency and more uniform dispersion of gas bubbles for complete absorption. Tubulation O.D.'s are 8mm.

Cat. No.	Description	Capacity (mL) and Porosity	Stopper Size	Diam. of Disc (mm)	Approx. O.D. x Height (mm)	Qty/Cs
31760-125EC E	Complete	125 EC	40/50	20	38 x 300	1
31760-125C E	Complete	125 C	40/50	20	38 x 300	1
31760-250EC E	Complete	250 EC	40/50	20	51 x 305	1
31760-250C	Complete	250 C	40/50	20	51 x 305	1
31760-500EC E	Complete	500 EC	40/50	20	64 x 350	1
31760-500C	Complete	500 C	40/50	20	64 x 350	1
31760-500BO E	Bottle Only	500	–	1	–	1
31760-500EC SO E	Stopper Only	500 EC	–	1	–	1
31760-500CSO E	Stopper Only	500 C	–	1	–	1



**31770 PYREX® Brand, Gas Washing, Tall Form, Fritted Cylinder, § Stopper**

Stopper is equipped with a 12 mm diameter fritted cylinder instead of a disc as the distributor.



Cat. No.	Description	Capacity (mL) and Porosity	§ Stopper Size	Approx. O.D. x Height (mm)	Qty/Cs
31770-125EC	Complete	125 EC	29/42	38 x 298	1
31770-125C	Complete	125 C	29/42	38 x 298	1
31770-250EC	Complete	250 EC	29/42	51 x 290	1
31770-250C	Complete	250 C	29/42	51 x 290	1
31770-500EC	Complete	500 EC	29/42	63 x 340	1
31770-500C	Complete	500 C	29/42	63 x 340	1

**1900 PYREX Brand, Nesbitt, Absorption, Stopper**

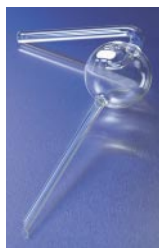
For the absorption of CO<sub>2</sub> in carbon determination. Weight, when filled, is approximately 135 grams. A turn of the interchangeable stopper closes both inlet and outlet tubes.



Cat. No.	Approx. Height (mm)	Inlet/Outlet Tube O.D. (mm)	Qty/Pk	Qty/Cs
1900-165	150	6	1	2

**BULBS****1980 PYREX Brand, Kjeldahl, Connecting Bulb Type**

These bulbs have a curved inner tube sealed to the upper arm.



Cat. No.		Dia. of Bulb (mm)	Approx. Upper Tube Size (mm)	Approx. Lower Tube Size (mm)	Qty/Pk	Qty/Cs
1980-48	E	48	12	9	4	12
1980-65	E	65	12	9	4	12

**2040 PYREX Brand, Kjeldahl, Connecting, Iowa State Type**

A low price trap (patented), designed to replace previously accepted types. A square glass plate, sealed at the corners in the lower part of the cylindrical bulb, acts as an efficient baffle. Comparative tests show this trap to be as efficient as the more expensive type with two bent inner tubes; in addition, this trap drains completely. The large bottom tube facilitates the return of any condensate to the flask.



Cat. No.	Approx. Upper Tube Size (mm)	Approx. Lower Tube Size (mm)	Qty /Pk	Qty/Cs
2040	12	12	2	24

## BURETS



### 2094 PYREX® Brand, Colored Scale, Dispensing, Straight Bore Teflon® Stopcock Plug

Used when dispensing large volumes of liquids rapidly and accurately. Made from close tolerance, accurate bore tubing with uniform walls, these burets have a permanently colored scale. Tips are carefully drawn and ground to reduce chipping. Provided with a Teflon stopcock plug to reduce freezing and eliminate lubricant contamination. The smooth micro-finish of the stopcock barrel assures a precision fit and optimum leak-resistant performance.

Cat. No.	Capacity (mL)	Grad. Interval (mL)	Tol. ± (mL)	Approx. O.D. x Height (mm)	Stopcock Bore (mm)	Qty/Cs
2094-250 E	250	1	2.0	4	33 x 550	1
2094-500 E	500	5	2.5	4	41 x 675	1
2094-1L E	1000	10	5.0	6	50 x 810	1



### 2103 PYREX Brand, Colored Scale, Class A, Ⓢ Teflon Stopcock Plug

The capacity tolerance on these burets is established by ASTM E-287 and they are calibrated in accordance with ASTM E-542. Tips are carefully drawn from accurate bore tubing to insure proper drainage rates. This buret has colored markings, fine, sharp lines and large easy-to-read numbers. The stopcock barrel has a smooth micro-finish to assure leak-resistant performance. Each buret is supplied with a dust cover. All sizes are furnished with a 2 mm bore stopcock plug.

Cat. No.	Capacity (mL)	Grad. Interval (mL)	Tol. ± (mL)	Approx. O.D. x Height (mm)	Qty/Cs
2103-10	10	.05	.02	9 x 560	1
2103-25	25	.10	.03	12 x 560	1
2103-50	50	.10	.05	14 x 750	1
2103-100 E	100	.20	.10	18 x 752	1



### 2105 PYREX Brand, Serialized/Certified Class A, Colored Scale Teflon Stopcock Plug

Calibrated to Class A tolerances in accordance with ASTM D-511, E-542, and ASTM E-287. Each buret is individually serialized and supplied with a Certificate of Identification and Capacity, traceable to NIST standards. This buret has colored markings with fine, sharp lines and large easy-to-read numbers. Each buret is supplied with a dust cover. All sizes are furnished with a 2 mm bores stopcock plug.

Cat. No.	Capacity (mL)	Grad. Interval (mL)	Tolerance (± mL)	Approx. O.D. x Height (mm)	Qty/Cs
2105-10 E	10	.05	.02	9 x 560	1
2105-25 E	25	.10	.03	12 x 560	1
2105-50 E	50	.10	.05	14 x 750	1
2105-100 E	100	.20	.10	18 x 752	1



### 2110 PYREX Brand, Rotaflo®, Dual Plug, White Enamel Markings, with Rotaflo Stopcock

Buret with automatic zero, Rotaflo dual stopcock. The dual stopcock helps eliminate titration errors.

Cat. No.	Capacity (mL)	Grad. Interval (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	GP Plug	Qty/Cs
2110-25 E	25	.10	.06	12 x 560	3	1
2110-50	50	.10	.10	14 x 760	3	1

**2111 PYREX® Brand, Single Plug, White Enamel Markings with a Rotaflo Stopcock, Automatic Zero**



A straight bore buret suitable for use in schools and institutional laboratories, featuring easy-to-read, wear resistant white enamel markings and the one piece, greaseless Rotaflo stopcock in a 3 mm bore.

Cat. No.	Capacity (mL)	Grad. Interval (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	GP Plug	Qty/Cs
2111-25	25	.10	0.06	12 x 575	3	1
2111-50	50	.10	0.10	14 x 765	3	1

**2116 PYREX Brand, Economy Grade, Teflon® Locking Stopcock**



An economical buret designed to reduce replacement costs by providing replaceable components. These sturdy, durable burets have tooled tops and bottoms and white enamel graduations. The screw thread locking Teflon stopcock with ground tip is compatible with Cat. No. 2116 existing buret bodies. Simply replace the stopcock assembly to benefit from the improved design. The new replaceable stopcock assembly features a screw thread locking nut and collar which ensures that the stopcock cannot fall out in use. The 2116-GTO replaceable tip has a ground end which provides a better grip and helps prevent the tip from falling out.

Cat. No.	Description	Capacity (mL)	Grad. Interval (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
2116-25	Complete	25	.10	.06	14 x 450	2	6
2116-50	Complete	50	.10	.10	14 x 740	2	6
2116-25BO E	Body Only	25	.10	.06	–	2	6
2116-50BO E	Body Only	50	.10	.10	–	2	6
2116-GTO E	Tip Only with Ground End (for use with 2116-LSO only)	–	–	–	–	–	12
2116-LSO E	Locking Stopcock Only	–	–	–	–	–	1
2116-TO E	Tip Only (for use with 2145-SO only)	–	–	–	–	–	12

**2122A PYREX Brand, Colored Scale, Straight Bore Teflon Stopcock**



Burets are suitable for use in school and institutional laboratories not requiring the accuracy of our Class A models. Supplied with a Teflon stopcock plug. The microfinish of the barrel provides a precision fit. The tips are carefully drawn for accuracy to insure proper drainage rate. Each buret is supplied with a dust cover. All sizes furnished with a 2 mm bore stopcock plug. This buret has durable colored markings.

Cat. No.	Description	Capacity (mL)	Grad. Interval (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Stopcock	Qty/Cs
2122A-10 E	Complete	10	.05	.04	9 x 560	2	1
2122A-25 E	Complete	25	.10	.06	12 x 560	2	1
2122A-50	Complete	50	.10	.10	14 x 750	2	1
2122A-100 E	Complete	100	.20	.20	18 x 752	2	1

### 2128 PYREX® Brand, Micro, Precision Bore, Funnel Top, Class A, Straight § Stopcock, White Enamel Markings



These burets are designed for precise analytical methods in microchemistry. Precision bore tubing throughout the body assures accuracy between any two points. Funnel top facilitates addition of reagents by pouring, or by suction from below, through a rubber-stoppered tube. Tips are tapered to assure smooth flow. Stopcocks turn freely, yet give positive control and are of 2 mm bore. The capacity tolerance on these burets is established by ASTM E-1189 and are calibrated in accordance with ASTM E-542.

Cat. No.		Capacity (mL)	Grad. Interval (mL)	Tol. (± mL)	Stopcock Bore (mm)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
2128-5	E	5	.01	.01	2	7 x 735	1	2
2128-10	E	10	.02	.02	2	8 x 735	1	2

### 2130 PYREX Brand, Precision Bore, Class A, Straight Bore § Stopcock, Colored Markings



Precision bore tubing is used to assure accuracy between any two points. Durable colored graduations are sharply defined and easy to read. Carefully ground § stopcock gives precise control. Each buret is supplied with a dust cover. All sizes furnished with a 2 mm bore stopcock plug. The capacity tolerance on these burets is established by ASTM E-287 and they are calibrated in accordance with ASTM E542.

Cat. No.		Capacity (mL)	Grad. Interval (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Stopcock Bore (mm)	Qty/Cs
2130-10	E	10	.05	.02	9 x 565	2	1
2130-25	E	25	.10	.03	12 x 565	2	1
2130-50	E	50	.10	.05	14 x 755	2	1
2130-100	E	100	.20	.10	18 x 755	2	1

### 2135 PYREX Brand, Serialized/Certified, Class A, Precision Bore, Straight § Stopcock

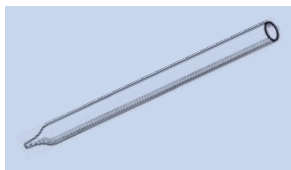


Precision bore tubing is used to assure accuracy between any two points. Manufactured to Class A tolerances in accordance with ASTM E-542 and ASTM E-287. Each buret is individually serialized and supplied with a Certificate of Identification and Capacity, traceable to NIST standards. Durable white graduations are sharply defined and easy to read. Carefully ground § stopcock gives precise control. Each buret is supplied with a dust cover. All sizes furnished with a 2 mm bore stopcock plug.

Cat. No.		Capacity (mL)	Grad. Interval (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Stopcock Bore (mm)	Qty/Cs
2135-10	E	10	.05	.02	9 x 560	2	1
2135-25	E	25	.10	.03	12 x 560	2	1
2135-50	E	50	.10	.05	14 x 750	2	1
2135-100		100	.20	.10	18 x 752	2	1

## COLUMNS

### 2142 Disposable Cleanup/Drying Chromatography Columns



These disposable PYREX® glass columns can be used for alumina, silica gel, or Florisil® cleanup of sample extracts, or for sodium sulfate drying of samples. Being disposable, there is less chance of sample cross-contamination and there is no wasted time or added costs associated with cleaning reusable columns.

Cat. No.		Description	Size (mL)	O.D. x I.D. x Height (mm)	Qty/Cs
2142-10	E	Column, Disposable Cleanup/Drying	10	10.9 x 8.6 x 290	200
2142-25	E	Column, Disposable Cleanup/Drying	25	15.8 x 14.0 x 297	100
2142-50	E	Column, Disposable Cleanup/Drying	50	18.0 x 16.2 x 300	50



**2146 PYREX Brand, Chromatographic Column with Reservoir, Teflon® Stopcock**

Reservoir at top with  $\text{F}$  2 mm bore Teflon® plug.



Cat. No.	Description	Reservoir Capacity (mL)	Approx. Column O.D. x Height (mm)	Qty/Cs
2146-10 E	Column	200	13 x 250	1
2146-14 E	Column	250	17 x 250	1
2146-19 E	Column	250	22 x 300	1
2146-22 E	Column	300	25 x 350	1
2146-29 E	Column	500	32 x 400	1

**2147 PYREX® Brand, Flash Chromatography Flow Controller**

Standard controller consists of a bottom joint  $\text{F}$  35/20 and a top valve 0-4 mm.



Cat. No.	Description	Approx. Height (mm)	Qty/Cs
2147-FC E	Flow Controller	85	1

**2148 PYREX Brand, Flash Chromatography Reservoir**

Reservoir can be used between column and flow controller. Top socket joint and bottom ball joint are  $\text{F}$  35/20.



Cat. No.	Description	Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Cs
2148-250	Reservoir	250	81 x 171	1
2148-500	Reservoir	500	98 x 188	1
2148-1L	Reservoir	1000	130 x 210	1

**2149 PYREX Brand, Flash Chromatography Column**

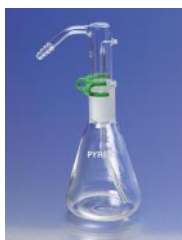
Column is ideal for use when quick separations in absorption chromatography applications are desired. A typical unit consists of a column with 2 mm bore Teflon stopcock, a reservoir, Cat. No. 2148, with a 0-4 mm Teflon® valve.



Cat. No.	Description	Column O.D. x Length (mm)	Qty/Cs
2149-13 E	Column	13 x 450	1
2149-22 E	Column	22 x 450	1
2149-45 E	Column	45 x 450	1
2149-54 E	Column	54 x 450	1

**2153 PYREX Brand, Chromatographic Reagent Atomizer**

For use in spraying reagents in thin layer chromatography. With full length  $\text{F}$  24/40 joint between reservoir and spraying device.



Cat. No.	Description	Capacity (mL)	Approx. Height (mm)	Qty/Cs
2153-125 E	Atomizer	125	188	1
2153-250 E	Atomizer	250	208	1

**2155 PYREX Brand, Distilling, Drip Tip,  $\text{F}$  Joints**

This distilling column is simple in design and easy to use. It is useful for a wide range of applications in the lab, particularly in fractionation.



Cat. No.	Approx. Length (mm)	$\text{F}$ Joint Size	Approx. Jacket O.D. x Length (mm)	Tubulation O.D. (mm)	Qty/Cs
2155-14 E	274	14/20	28 x 190	10	1
2155-19 E*	283	19/22	28 x 190	10	1

\*This column is also a replacement for organic chemistry kits Cat. Nos. 6949-6949K.

## CONCENTRATORS

**2157 PYREX® Brand, Kuderna-Danish Concentrator Apparatus, Without Hooks,  $\text{F}$  Joints**

A Kuderna Danish Concentrator supplied with Keck clamps instead of spring hooks. The complete apparatus consists of a 3-Ball Snyder column (with 24/40 joints), a flask (with  $\text{F}$  24/40 top and  $\text{F}$  19/22 lower joint), and a graduated tube (with  $\text{F}$  19/22 joints). All columns have venting dimples. The 250 mL and 500 mL completes include a 10 mL tube. The 1000 mL complete has a 25 mL tube.

Cat. No.	Description	Total Height (mm)	$\text{F}$ Inner Joint Size	$\text{F}$ Outer Joint Size	Qty/Pk	Qty/Cs
2157-50*	E 500 mL Complete	615	19/22	24/40	–	1
2157-500*	E 500 mL Complete	615	19/22	24/40	–	1
2157-1L	E 1000 mL Complete	720	19/22	24/40	–	1
2157-250FO	E 250 mL Flask Only	–	19/22	24/40	1	4
2157-500FO	E 500 mL Flask Only	–	19/22	24/40	1	4
2157-1LFO	E 1000 mL Flask Only	–	19/22	24/40	1	4
2157-10TO**	E 10 mL Tube Only	–	–	19/22	1	6
2157-15TO**	E 15 mL Tube Only	–	–	19/22	1	6
2157-25TO**	E 25 mL Tube Only	–	–	19/22	1	6

\*2157-50, 2157-500: The completes include 1 each blue and green Keck clamps.

\*\* 2157-10TO, 2157-15TO, 2157-25TO Graduations: 0-2 mL in .1 mL increments. 3 mL to capacity on in 1.0 mL increments.

Note: For Snyder column only, see Cat. No. 2158-CO.

**2157-100T/TJ PYREX Brand, Concentrator Tube, 100 mL**

The innovative PYREX brand concentrator tube combines the concepts of a Kuderna-Danish flask and tube into one piece of glass apparatus. Designed for use with the PYREX Accelerated One-Step extractor/concentrator, it comes in both jacketed and unjacketed versions. The 100 mL capacity permits sufficient solvent capacity for the full extraction process. The jacketed version permits circulation of hot water through the jacket to boil the solvent during extraction/concentration. The bottom portion of the tube is never heated, so the sample won't boil dry. The unjacketed version can be placed in a hot water bath for solvent heating. Threaded tubulations are 8 mm. I.D.

Cat. No.	Description	Capacity (mL)	Qty/Cs
2157-100	E* Concentrator Tube, Plain	100	1
2157-100T	E Accessories Required but not included in Assembly	100	1
2157-100TJ	E Accessories Required but not included in Assembly	100	1
2158-CW	E Hardware Asst. for tubes with threaded tubulations (6 connectors and 12 washers)	–	6

\*Supplied with 2 connectors, 2 washers, and 1 Keck clamp.

**2157-NT PYREX Brand, Kuderna-Danish, Insulated Tip Concentrator Tubes, Without Hooks,  $\text{F}$  Joints**

Tubes without spring hooks. Insulated tip K-D tubes have an air jacket around the tip. Less heat applied to the tip due to this insulation reduces the chance that the sample will boil to dryness. Compatible with all standard Kuderna-Danish apparatus.

Cat. No.	Capacity (mL)	O.D. x Height (mm)	$\text{F}$ Joint Size	Qty/Cs
2157-10NT	E 10	22 x 120	19/22	1
2157-15NT	E 15	22 x 140	19/22	1
2157-25NT	E 25	22 x 180	19/22	1
2157-4NT	E 4	22 x 110	19/22	1



### 2158 PYREX® Brand, Kuderna-Danish Concentrator Apparatus, $\text{F}$ Joints

The complete apparatus consists of a 3-Ball Snyder column (with  $\text{F}$  24/40 joints), a flask (with  $\text{F}$  24/40 tops and  $\text{F}$  19/22 lower joint) and a graduated tube (with  $\text{F}$  19/22 joints). If further concentration is desired, select a 2-Ball column (2158-2CO) and combine with the KD tube of your choice. The 250 mL and 500 mL completes include a 10 mL tube. The 1000 mL complete includes a 25 mL tube.

Cat. No.		Description	Total Height (mm)	$\text{F}$ Inner Joint Size	$\text{F}$ Outer Joint Size	Length (mm)	Qty/Pk	Qty/Cs
2158-250 <sup>a</sup>	E	250 mL Complete	594	19/22	24/40	–	–	1
2158-500 <sup>b</sup>		500 mL Complete	615	19/22	24/40	–	–	1
2158-1L <sup>c</sup>	E	1000 mL Complete	720	19/22	24/40	–	–	1
2158-125FO <sup>d</sup>	E	125 mL Flask Only	–	19/22	24/40	–	1	4
2158-250FO <sup>c</sup>	E	250 mL Flask Only	220	19/22	24/40	–	1	4
2158-500FO <sup>b</sup>		500 mL Flask Only	–	19/22	24/40	–	–	4
2158-1LFO <sup>c</sup>	E	1000 mL Flask Only	–	19/22	24/40	–	1	4
2158-2CO	E	2 Ball Snyder Column	–	19/22	19/22	150	–	1
2158-3CO	E	3 Ball Snyder Column	–	24/40	24/40	305	–	1
2158-4TO <sup>e</sup>	E	4 mL Tube Only	–	–	19/22	–	1	6
2158-5TO		5 mL Tube Only	–	–	19/22	–	1	6
2158-10TO <sup>e</sup>	E	10 mL Tube Only	–	–	19/22	–	1	6
2158-15TO <sup>e</sup>	E	15 mL Tube Only	–	–	19/22	–	1	6
2158-25TO <sup>e</sup>		25 mL Tube Only	–	–	19/22	–	1	6

<sup>a</sup>Each includes a pair of 1 $\frac{3}{8}$ " stainless steel springs.

<sup>b</sup>The 500 mL includes springs and two sizes of Keck clamps.

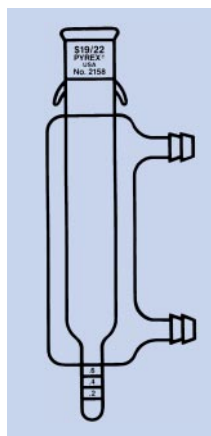
<sup>c</sup>Each includes a pair of 1 $\frac{3}{8}$ " stainless steel springs.

<sup>d</sup>Each includes a pair of 1 $\frac{3}{8}$ " stainless steel springs.

<sup>e</sup>Graduations: 0-2 mL are in 0.1 mL increments. 3 mL to capacity are in 1.0 mL increments.

### 2158-JTO PYREX Brand, Kuderna-Danish Concentrator Tube, Jacketed

The innovative PYREX brand jacketed Kuderna-Danish concentrator tube circulates hot water through the jacket to boil the solvent during extraction/concentration. The bottom portion of the tube is never heated, so samples won't boil dry. The concentration automatically stops when the solvent sinks below the jacket. Lab technician time is saved by eliminating the need to watch evaporations closely to avoid boiling dry. With serrated tubulations or screw thread connections for fast set up and tear down.



Cat. No.		Description	Approx. Length (mm)	Capacity (mL)	Qty/Cs
2158-10JTO	E	Serrated Tubulation	198	10	1
2158-1JTO	E	Serrated Tubulation	198	1	1
2158-1SJT	E*	Threaded Tubulation	198	1	1
2158-5JTO	E	Serrated Tubulation	198	5	1
2158-CW	E	Hardware Asst. for tubes with threaded tubulations (6 connectors and 12 washers)	–	–	6
2158-WO	E	Washer Only for Tubes with Threaded Tubulations	–	–	12

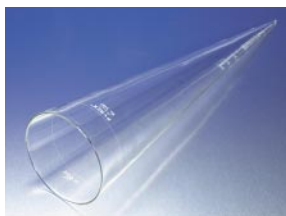
### 2159 PYREX Brand, Solvent Recovery

The PYREX brand solvent recovery head allows for condensation and collection of solvents while performing concentrations with a Kuderna-Danish concentrator. 96-99% solvent recovery allows for concentrations to be done outside the hood. Unique, simple design allows use with existing condensers and flasks.



Cat. No.		Description	$\text{F}$ Inner Joint Size	$\text{F}$ Outer Joint Size	Approx. Length (mm)	Qty/Pk	Qty/Cs
2159-24	E	Solvent Recovery Head	24/40	24/40	150	1	4

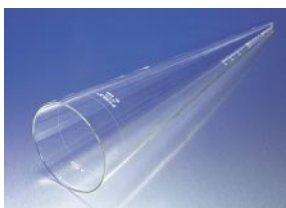
## CONES



### 2160 PYREX® Brand, Imhoff, Sediment, Sharp Tip

For determination of small amounts of suspended matter in sewage by the Imhoff Sedimentation Method. Graduated from 0 to 1 mL in 0.1 mL divisions, 1 to 10 mL in 0.5 mL and 10 to 40 mL in 1 mL; also marked at 1000 mL.

Cat. No.	Approx. Height (mm)	Approx. Dia. at Top (mm)	Qty/Pk	Qty/Cs
2160-454 E	435	110	2	4



### 2180 PYREX Brand, Imhoff, Sediment, Blunt Tip

For use with heavy sediments, where ability to read small volumes is unimportant. Graduated from 0 to 1 mL in 0.1 mL divisions, 1 to 10 mL in 0.5 mL and 10 to 40 mL in 1 mL; also marked at 1000 mL. The blunt tip increases its ruggedness and cleaning ease.

Cat. No.	Approx. Height (mm)	Approx. Dia. at Top (mm)	Qty/Pk	Qty/Cs
2180-439 E	415	110	2	4

## CONDENSERS



### 52300 PYREX Brand, Tube, Low Actinic, Drip Tip, § Joint

A simple air condenser, useful for condensation of materials with boiling points above 150°C, with an inner § 24/40 drip tip. Low actinic glass protects light sensitive materials.

Cat. No.	Approx. O.D. x Length (mm)	§ Inner Inner Joint Size	Qty/Cs
52300-650 E	13 x 650	24/40	1



### 2340 PYREX Brand, Liebig, Sealed Inner Tube

A general purpose condenser that can be used for distillation and extraction. Although the condensing area per unit length of the jacket is low, the large capacity water jacket gives efficient cooling. Approximate tubulation O.D. is 10 mm. The adapter end is tooled for uniform stopper fit, accommodating a No. 3 rubber stopper.

Cat. No.	Approx. Jacket O.D. x Length (mm)	Approx. Height (mm)	Qty/Cs
2340-200 E	41 x 200	345	1



### 2360 PYREX Brand, Liebig, Drip Tip, Inner § Joint

A general purpose condenser that can be used for distillation, refluxing and extraction operations. With inner § joint at the bottom with a drip tip. The tubulation O.D. is approximately 10 mm.

Cat. No.	§ Inner Joint Size	Rubber Stopper No.	Approx Jacket O.D. x Length (mm)	Approx. Height (mm)	Qty/Pk	Qty/Cs
2360-400 E	24/40	3	41 x 400	545	1	4
2360-500 E	24/40	3	41 x 500	645	–	1



### 2400 PYREX Brand, Liebig, Drip Tip, Inner and Outer § Joints

A general purpose condenser that can be used for distillation and extraction. Suitable for use in vacuum distillations. With the outer joint at the top and the inner joint at the bottom with a drip tip. The tubulation O.D. is approximately 10 mm.

Cat. No.	§ Joint Size Inner	§ Joint Size Outer	Approx. Jacket O.D. x Length (mm)	Approx. Height (mm)	Qty/Pk	Qty/Cs
2400-200 E	19/38	19/38	41 x 200	350	–	1
2400-300	24/40	24/40	41 x 300	450	1	4
2400-400 E	24/40	24/40	41 x 400	550	1	4
2400-500 E	24/40	24/40	41 x 500	650	1	4



**2401 PYREX® Brand, Column, with Indentations, Micro, Drip Tip, ⚗ Joints**

For use on small assemblies. The tubulation O.D. is 10 mm.



Cat. No.		Approx. Length (mm)	⚗ Inner Joint Size	⚗ Outer Joint Size	Approx. Jacket O.D. x Length (mm)	Qty/Cs
2401-14	E	188	14/20	14/20	23 x 107	1
2401-24	E*	309	24/40	24/40	38 x 185	1

\*This condenser is also a replacement part for organic chemistry kits Cat. Nos. 6949-6949K.

**2480 PYREX Brand, Allihn, Drip Tip, Inner and Outer ⚗ Joints**

A widely used condenser with greater surface area than the corresponding Liebig type. With the outer ⚗ joint at the top and the inner joint at the bottom with a drip tip. Suitable for use in vacuum distillations. The tubulations have an O.D. of approximately 10 mm.



Cat. No.		No. of Bulbs	⚗ Joint Size Inner	⚗ Joint Size Outer	Approx. Jacket O.D. x Length (mm)	Approx. Height (mm)	Qty/Pk	Qty/Cs
2480-200	E	3	19/38	19/38	41 x 200	350	–	1
2480-300		5	24/40	24/40	41 x 300	450	1	6
2480-400	E	6	24/40	24/40	41 x 400	550	1	6
2480-500	E	8	24/40	24/40	41 x 500	650	–	1
2480-600	E	10	29/42	29/42	41 x 600	750	–	1

**2490 PYREX Brand, Cold Finger, Inner ⚗ Joint**

A simple condenser, of relatively low efficiency, often used to regulate refluxing by adjusting the flow of air or water through it (dephlegmation). The tubulation O.D. is approximately 10 mm.



Cat. No.		Approx. Height (mm)	⚗ Joint Size	Approx. Jacket O.D. x Length (mm)	Qty/Cs
2490-24	E*	176	24/40	12 x 86	1

\*This condenser is also a replacement part for organic chemistry kits Cat. Nos. 6949-6949K.

**2560 PYREX Brand, Graham, Drip Tip, Inner and Outer ⚗ Joints**

This condenser has a high surface area per unit length of jacket. Primarily used in vacuum distillations. With the outer joint at the top and the inner ⚗ joint at the bottom with a drip tip. The tubulation O.D. is approximately 10 mm.



Cat. No.		⚗ Joint Size Inner	⚗ Joint Size Outer	Approx. Jacket O.D. x Length (mm)	Approx. Height (mm)	Qty/Pk	Qty/Cs
2560-200	E	19/38	19/38	41 x 200	350	–	1
2560-300		24/40	24/40	41 x 300	450	1	6
2560-400	E	24/40	24/40	41 x 400	550	1	4
2560-500	E	24/40	24/40	41 x 500	650	1	4

**2640 PYREX Brand, Friedrichs, Drip Tip, Inner and Outer ⚗ Joints**

The Friedrichs type condenser affords very efficient operation. The helical inner tube fits closely within the jacket. The vapor tube is sealed to the jacket at an angle of 75° and has an outer ⚗ 24/40 joint.



Cat. No.		Approx. O.D. x Length (mm)	⚗ Inner Joint Size	⚗ Outer Joint Size	Qty/Pk	Qty/Cs
2640-350	E	50 x 325	24/40	24/40	1	4

**2700 PYREX® Brand, West**

This condenser is designed with a heavy-wall outer jacket to provide a sturdy, long-lasting unit, while the inner tube has a thinner wall for efficient heat transfer. The tubulations are on the same side to reduce breakage and the adapter ends are all tooled for No. 3 rubber stopper fit. The tubulation O.D. is approximately 10 mm.

Cat. No.	Approx. Jacket O.D. x Length (mm)	Approx. Height (mm)	Qty/Cs
2700-200 E	19 x 200	345	1

**2705 PYREX Brand, West, Drip Tip, Inner and Outer § Joints**

The tubulation O.D. is approximately 10 mm.

Cat. No.	Approx. Jacket O. D. x Length (mm)	§ Joint Size Inner	§ Joint Size Outer	Approx. Length (mm)	Qty/Pk	Qty/Cs
2705-14 E	18 x 190	14/20	14/20	283	–	1
2705-19* E	18 x 190	19/22	19/22	283	2	4

\*This condenser is a replacement part for organic chemistry kits, Cat. Nos. 6949-6949K.

**2800 PYREX Brand, West, Drip Tip, Inner and Outer § Joint**

This condenser is designed with a heavy-wall outer jacket to provide a sturdy, long-lasting unit, while the inner tube has a thinner wall for efficient heat transfer. Tubulations are on the same side to reduce breakage. With the outer § joint at the top and the § inner joint at the bottom with a drip tip. The tubulation O.D. is approximately 10 mm.

Cat. No.	§ Inner Joint Size	§ Outer Joint Size	Jacket O.D. x Approx. Length (mm)	Approx. Height (mm)	Qty/Pk	Qty/Cs
2800-300 E	24/40	24/40	18 x 300	450	1	4

**CRUCIBLE AND COVER****12940 VYCOR® Brand, Crucible and Cover**

The transparent body and lid are useful in analytical work, particularly where ashing of the sample is required. Lids will be found useful for covering platinum or opaque crucibles. Note: Using covers of dissimilar material can cause spalling.

Cat. No.	Description	Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
12940-30CO E	Cover Only	30	54 x 21	1	6
12940-30BO	Bottom Only	30	45 x 40	–	6
12940-50CO E	Cover Only	50	60 x 21	1	6
12940-50BO	Bottom Only	50	50 x 50	–	6

**CYLINDERS****2962 PYREX Brand, Hydrometer Jar**

Breakage is minimized by the heavy wall construction. The large hexagonal base, sealed to the cylinder body, increases stability. Meets ASTM specifications D-287 and E-100.

Cat. No.	Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
2962-100	100	29 x 254	1	18
2962-250 E	250	39 x 340	1	18
2962-300 E	300	39 x 381	1	12
2962-500	500	50 x 390	1	12
2962-1L E	1000	64 x 465	1	1
2962-2L E	2000	83 x 520	1	1

**2982 PYREX® Brand, Single Metric Scale, PYREX § Stopper, Graduated**

Calibrated “to contain.” Useful as a mixing cylinder. Each features the PYREX stopper. Graduations are in durable white enamel. See Cat. No. 3002 for the equivalent cylinder supplied with a Corning® test certificate.



Cat. No.	Description	Capacity (mL)	Grad. Interval (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	§ Stopper No.	Qty/Pk	Qty/Cs
2982-10	Complete	10	0.1	0.2	13 x 195	9	2	24
2982-25	Complete	25	0.2	0.3	18 x 225	13	1	18
2982-50	Complete	50	1.0	0.5	24 x 255	16	1	12
2982-100	Complete	100	1.0	1.0	29 x 295	16	1	8
2982-250	Complete	250	2.0	2.0	39 x 385	22	1	8
2982-500	Complete	500	5.0	4.0	50 x 445	27	1	6
2982-1L E	Complete	1000	10.0	6.0	64 x 520	32	–	1
2982-2L E	Complete	2000	20.0	12.0	83 x 590	38	–	1

For stopper only, see Cat. No. 7650.

**2983 PYREX Brand, Single Metric Scale, Polyethylene Stopper, Graduated**

Calibrated “to contain.” Useful as a mixing cylinder. Graduations are in durable white enamel. Stopper made of linear, high density polyethylene, to conform to § stopper dimensions. The stopper has a ribbed top to provide a sure grip when inserting or removing.



Cat. No.		Capacity (mL)	Grad. Interval (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	§ Stopper No.	Qty/Cs
2983-50	E	50	1.0	0.5	24 x 255	16	1
2983-100	E	100	1.0	1.0	29 x 300	16	1
2983-250	E	250	2.0	2.0	39 x 390	22	1
2983-500	E	500	5.0	4.0	50 x 438	27	1
2983-1L	E	1000	10.0	6.0	64 x 510	32	1
2983-2L	E	2000	20.0	12.0	83 x 580	38	1

For polyethylene stopper only, see Cat. No. 7624.

**2984 PYREX Brand, Blue Single Metric Scale, Graduated**

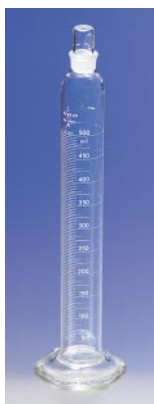
Calibrated “To Contain.” Useful as a mixing cylinder. Graduations are in durable blue enamel. Each features a PYREX stopper. Approx. height does not include stopper.



Cat. No.	Capacity (mL)	Grad. Interval (mL)	Tol. ± (mL)	Approx. O.D. x Height (mm)	Stopper No.	Qty/Pk	Qty/Cs
2984-10	10	0.1	0.2	13 x 175	9	1	24
2984-25	25	0.2	0.34	18 x 202	13	1	18
2984-50	50	1.0	0.5	24 x 230	16	1	12
2984-100	100	1.0	1.0	29 x 270	16	1	8
2984-250	250	2.0	2.0	39 x 360	22	1	8
2984-500	500	5.0	4.0	50 x 410	27	1	6
2984-1L	1000	10.0	6.0	64 x 485	32	–	1
2984-2L	2000	20.0	12.0	83 x 550	38	–	1

For stoppers only, see Cat. No. 7650.

**3002 PYREX® Brand, Serialized/Certified, Class A, Single Metric Scale, Graduated,  $\text{F}$  PYREX Stopper**



Useful as a mixing cylinder. Calibrated “to contain” in accordance with ASTM E-1272 and ASTM E-542. Each cylinder is individually serialized and supplied with a Corning Certificate of Identification and Capacity, traceable to NIST standards. Each features the PYREX stopper. Graduation markings are in durable white enamel.

Cat. No.		Capacity (mL)	Grad. Interval (mL)	ASTM Tol. ( $\pm$ mL)	Approx. O.D. x Height (mm)	$\text{F}$ Stopper No.	Qty/Cs
3002-10	E	10	0.1	.10	13 x 195	9	1
3002-25	E	25	0.2	.17	18 x 225	13	1
3002-50	E	50	1.0	.25	24 x 255	16	1
3002-100	E	100	1.0	.50	29 x 295	16	1
3002-250	E	250	2.0	1.0	39 x 385	22	1
3002-500	E	500	5.0	2.0	50 x 445	27	1
3002-1L	E	1000	10.0	3.0	64 x 520	32	1
3002-2L	E	2000	20.0	6.0	83 x 550	38	1

For stopper only, see Cat. No. 7650.

**3012 PYREX Brand, Single Metric Scale, Outer  $\text{F}$  Joint, Graduated**



Calibrated “to contain.” Equipped with a  $\text{F}$  24/40 outer joint, these cylinders are particularly useful as distilling receivers. Graduation markings are in durable white enamel. Supplied without stoppers.

Cat. No.		Capacity (mL)	Grad. Interval (mL)	ASTM Tol. ( $\pm$ mL)	Approx. O.D. x Height (mm)	Qty/Cs
3012-50	E	50	1.0	0.5	24 x 255	1
3012-100	E	100	1.0	1.0	29 x 295	1
3012-250	E	250	2.0	2.0	39 x 380	1

**3022 PYREX Brand, Single Metric Scale, Graduated**



Calibrated “to contain,” with white enamel graduations. The 100 mL capacity is in accordance with ASTM E-133 and E-1272 and is used in ASTM tests D-86, D-216 and D-447. The 10 mL size has a funnel top. Bumper guards are supplied with 25mL thru 2000 mL sizes inclusive.

Cat. No.		Capacity (mL)	Grad. Interval (mL)	ASTM Tol. ( $\pm$ mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
3022-10		10	0.1	0.2	13 x 178	2	24
3022-25		25	0.2	0.3	18 x 192	1	18
3022-50		50	1.0	0.5	24 x 225	1	18
3022-100		100	1.0	1.0	29 x 254	1	12
3022-250		250	2.0	2.0	39 x 340	1	12
3022-500		500	5.0	4.0	50 x 392	1	8
3022-1L	E	1000	10.0	6.0	64 x 465	1	1
3022-2L	E	2000	20.0	12.0	83 x 520	1	1



**3023 PYREX® Brand, Cylinder, Double Metric Scale, Class A, Graduated**



Cylinders are calibrated “to deliver” in accordance with ASTM E-1272 and ASTM E-542. The double scale, numbered up and down, is in durable white enamel. Supplied with shock absorbing polyethylene bumper guards.

Cat. No.	Capacity (mL)	Grad. Interval (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
3023-25	25	.2	.17	18 x 192	1	18
3023-50	50	1.0	.25	24 x 225	1	18
3023-100	100	1.0	.50	29 x 254	1	12
3023-250	250	2.0	1.0	39 x 340	1	12
3023-500	500	5.0	2.0	50 x 390	1	8
3023-1L	1000	10.0	3.0	64 x 465	–	1
3023-2L	2000	20.0	6.0	83 x 520	–	1

**3024 PYREX Brand, Single Metric Scale, Graduated**



Calibrated “to deliver,” with white enamel graduations. Bumper guards are supplied on 25 mL through 4000 mL sizes.

Cat. No.	Capacity (mL)	Grad. Interval (mL)	ASTM Tol. ± (mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
3024-5*	5	0.1	0.1	12 x 117	2	12
3024-10*	10	0.1	0.2	13 x 177	2	24
3024-25	25	0.2	0.3	18 x 192	1	18
3024-50	50	1.0	0.5	24 x 225	1	18
3024-100	100	1.0	1.0	29 x 254	1	12
3024-250	250	2.0	2.0	39 x 340	1	12
3024-500	500	5.0	4.0	50 x 390	1	8
3024-1L E	1000	10.0	6.0	64 x 465	1	1
3024-2L E	2000	20.0	12.0	83 x 520	1	1
3024-4L E	4000	50.0	29.0	110 x 585	–	1
3024-PACK**						Assortment Pack

\*Funnel top.

\*\*The assortment pack includes one each of the 10mL, 25mL, 50mL, 100mL and 250mL sizes.

**63024 PYREXPLUS® Brand, Single Metric Scale, Protective Coating, Graduated, Calibrated to Deliver**



Cylinder features a protective polymer coating for longer product life and safety. Autoclavable (121°C) and resistant to thermal shock. The cylinder is calibrated “to deliver.” Bumper guards not supplied. Covered by U.S. Patent #4940613.

Cat. No.	Capacity (mL)	Grad. Interval (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
63024-100	100	1.0	1.0	29 x 254	1	4
63024-250	250	2.0	2.0	39 x 340	1	4
63024-500	500	5.0	4.0	50 x 390	1	4
63024-1L	1000	10.0	6.0	64 x 460	1	4
63024-2L	2000	20.0	12.0	83 x 520	1	2

**3025 PYREX® Brand, Double Metric Scale, Economy, Graduated**

Calibrated “to contain.” A less costly cylinder, designed for those institutions performing many general laboratory procedures. No bumper guards supplied.



Cat. No.	Capacity (mL)	Graduation Interval (mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
3025-10	10	0.1	17 x 140	2	24
3025-25	25	0.2	20 x 144	1	18
3025-50	50	1.0	28 x 166	1	18
3025-100	100	1.0	29 x 254	1	12
3025-250	250	2.0	39 x 340	1	12
3025-500	500	5.0	50 x 390	1	8
3025-1L E	1000	10.0	64 x 465	1	1
3025-2L E	2000	20.0	83 x 520	1	1

**3026 PYREX Brand, Cylinder, Double Metric Scale, Class A, Graduated**

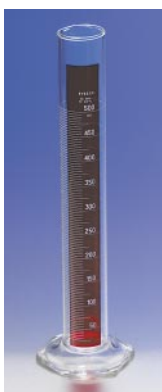
Cylinders are calibrated “to deliver” in accordance with ASTM E-1272 and ASTM E-542. The double scale, numbered up and down, is in a durable blue enamel. Supplied with shock absorbing polyethylene bumper guards.



Cat. No.	Capacity (mL)	Grad. Interval (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
3026-25	25	.2	.17	18 x 192	1	18
3026-50	50	1.0	.25	24 x 225	1	18
3026-100	100	1.0	.50	28 x 254	1	12
3026-250	250	2.0	1.0	39 x 340	1	12
3026-500	500	5.0	2.0	50 x 390	1	8
3026-1L	1000	10.0	3.0	64 x 465	–	1
3026-2L	2000	20.0	6.0	83 x 520	–	1

**3042 PYREX Brand, Lifetime Red™, Single Metric Scale, Graduated**

Calibrated “to contain.” The scale and figures are durable white enamel, which stand out clearly against the red color-band on these Lifetime Red cylinders. The 10 mL size has a funnel top. Bumper guards are supplied with 100 mL through 2000 mL inclusive. The 100 mL size is made in accordance with ASTM E-133 and E-1272 and is used in ASTM tests D-86 and D-216.

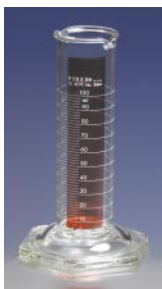


Cat. No.	Capacity (mL)	Grad. Interval (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
3042-10	10	0.1	0.2	13 x 178	1	24
3042-100	100	1.0	1.0	29 x 254	1	12
3042-500	500	5.0	4.0	50 x 390	1	8
3042-1L E	1000	10.0	6.0	64 x 465	1	1
3042-2L E	2000	20.0	12.0	83 x 520	1	1

For the same cylinder, but with a built-in glass bumper guard, see Cat. No. 3046.

**3044 PYREX Brand, Lifetime Red, Single Metric Scale, Double Pourout, Graduated**

Calibrated “to contain.” The scale and figures are durable white enamel which stand out clearly against the red color-band on these Lifetime Red cylinders. The cylinder is a Tuttle type of low form for stability and features a double pourout for convenience.



Cat. No.	Capacity (mL)	Grad. Interval (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
3044-50	50	1.0	0.5	29 x 148	1	12
3044-100	100	2.0	1.0	39 x 157	1	12



**3046 PYREX® Brand, Lifetime Red™, Single Metric Scale, Graduated**

Calibrated “to contain.” A reinforced bead of glass near the top helps to reduce breakage, if the cylinder upsets. The 100 mL cylinder is in accordance with ASTM E-133 and E-1272 and is used in ASTM D-86, D-216, and D-447.

Cat. No.	Capacity (mL)	Grad. Interval (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
3046-10	10	0.1	0.2	13 x 179	1	24
3046-25	25	0.2	0.3	18 x 205	1	18
3046-50	50	1.0	0.5	24 x 238	1	18
3046-100	100	1.0	1.0	29 x 267	1	12
3046-250	250	2.0	2.0	39 x 353	1	12



**3062 PYREX Brand, Serialized/Certified, Class A, Single Metric Scale, Graduated**

Calibrated “to deliver” in accordance with ASTM E-1272 and ASTM E-542. Each cylinder is individually serialized and supplied with a Certificate of Identification and Capacity, traceable to NIST standards. Permanent white graduations are easy to read. Bumper guards are supplied with 25 mL through 2000 mL inclusive. The 10 mL size has a funnel top.

Cat. No.	Capacity (mL)	Grad. Interval (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	Pk/Cs	Qty/Cs
3062-10 E	10	0.1	0.10	13 x 178	1	1
3062-25 E	25	0.2	0.17	18 x 192	1	1
3062-50 E	50	1.0	0.25	24 x 225	1	1
3062-100 E	100	1.0	0.50	29 x 254	1	1
3062-250 E	250	2.0	1.0	39 x 340	1	1
3062-500 E	500	5.0	2.0	50 x 390	1	1
3062-1L E	1000	10.0	3.0	64 x 465	1	1
3062-2L E	2000	20.0	6.0	83 x 520	1	1



**3066 PYREX Brand, Bumper Guard**

A polyethylene shock absorbing ring designed to reduce breakage of cylinders. For best results, slide the ring toward the top to absorb shock should the cylinder be accidentally upset.

Cat. No.	Fits Cylinder Capacity (mL)	Qty/Cs
3066-25 E	25	1
3066-50 E	50	1
3066-100 E	100	1
3066-250 E	200, 250	1
3066-500 E	500	1
3066-1L E	1000	1
3066-2L E	2000	1

### 3075 PYREX® Brand, Student, Plastic Hexagonal Base, Graduated



Calibrated “to contain.” These cylinders were initially designed for school laboratories. However, low cost and design advantages have made them attractive to other users. They are supplied in two parts — a strong, accurate glass graduate and a detachable, sturdy plastic base which absorbs impacts and reduces breakage. Tolerances  $\pm 5\%$  of total at any point. By removing the base, the graduate can be conveniently stacked. Replacement graduates can be purchased separately. Bumper guards are supplied with 25 mL through 100 mL inclusive. Graduation marks are in durable white enamel. The 10 mL has a funnel top for careful pouring.

Cat. No.	Description	Capacity (mL)	Grad. Interval (mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
3075-10	Complete	10	0.1	13 x 160	–	12
3075-25 E	Complete	25	0.2	19 x 188	–	12
3075-50	Complete	50	1.0	23 x 218	–	12
3075-100	Complete	100	1.0	30 x 248	–	12
3075-10CO E	Cylinder	10	0.1	–	–	1
3075-25CO E	Cylinder	25	0.2	–	–	1
3075-50CO E	Cylinder	50	1.0	–	–	1
3075-100C E	Cylinder	100	1.0	–	1	12

## CLONING CYLINDERS

### 3166 PYREX Brand, Cloning Cylinder



Clone a single cell or group of cells by surrounding them with this glass cylinder. Dip the end of the cylinder into a sterile silicone grease before pressing to the bottom of a culture flask to create an isolated well.

Cat. No.	Description	Dimensions O.D. x Height (mm)	Qty/Cs
3166-6	Cloning Cylinder	6 x 8	125
3166-8 E	Cloning Cylinder	8 x 8	125
3166-10 E	Cloning Cylinder	10 x 10	125

### 3167 PYREX Brand, Disinfectant Testing Cylinder



These cylinders are designed for use in the Disinfectant Testing Procedure as described in the 1992 J.A.O.A.C. Hard Surface Carrier Test for Efficacy Testing of Disinfectants: Collaborative Study. Tubes are glazed on both ends.

Cat. No.	Description	Dimensions O.D. x Height (mm)	Qty/Cs
3167-8 E	Disinfectant Testing Cylinder	8 x 8	125
3167-10 E	Disinfectant Testing Cylinder	8 x 10	125

## DESICCATORS

### 3078 PYREX Brand, Small Size, Knob Top



Designed for general analytical work. The large sturdy knob makes the cover easy to handle. Approximate bowl volume is 2200 mL. Not for vacuum applications.

Cat. No.	Description	Approx. I.D. of Ground Flange (mm)	Approx. Total Height (mm)	Approx. Chamber Depth (mm)	Recom. Plate Diam. (mm)	Qty/Cs
3078-160	Complete	160	255	100	140	1
3078-160CO E	Cover Only	160	95	–	–	1
3078-160LO E	Lower Only	160	160	100	140	1

**Warning:** Do not heat or subject to pressure.



### 3080 PYREX® Brand, Large Size, Knob Top

Approximate bowl volume is 3800 mL on the 200 mm size and 7500 mL on the 250 mm size. Not for vacuum applications.



Cat. No.	Description	Approx. I.D. of Ground Flange (mm)	Approx. Total Height (mm)	Approx. Chamber Depth (mm)	Recom. Plate Diam. (mm)	Qty/Cs
3080-200	Complete	200	315	125	190	1
3080-250	Complete	250	325	130	230	1
3080-200CO E	Cover Only	200	112	–	–	1
3080-250CO	Cover Only	250	117	–	–	1
3080-200LO E	Lower Only	200	202	125	190	1
3080-250LO E	Lower Only	250	210	130	230	1

**Warning:** Do not heat or subject to pressure.

### 3100 PYREX Brand, Large Size, Opening for a No. 8 Rubber Stopper

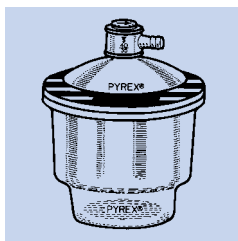
Approximate bowl volumes 3800 mL and 7500 mL respectively. Rated 1-atmosphere vacuum.



Cat. No.	Description	Approx. I.D. of Ground Flange (mm)	Approx. Total Height (mm)	Approx. Chamber Depth (mm)	Recom. Plate Dia. (mm)	Qty/Cs
3100-200 E	Complete	200	295	125	190	1
3100-250	Complete	250	310	130	230	1
3100-200CO E	Cover Only	200	95	–	–	1
3100-250CO E	Cover Only	250	100	–	–	1

### 3118 PYREX Brand, Small Size, Sleeve

The rugged 40/35 external sleeve with tooled hose connection serves as the stopcock and is designed so that its manipulation is not affected by the vacuum. The open position is indicated by the molded arrow on the cap. A quarter turn from this position closes the desiccator. For ease in use and improved performance, it is recommended that the sleeve be lubricated with a silicone-based vacuum grease. The tubulation O.D. is approximately 10 mm. Approximate bowl volume capacity is 2200 mL. Rated 1-atmosphere vacuum.



Cat. No.	Description	Approx. I.D. of Ground Flange (mm)	Approx. Total Height (mm)	Approx. Chamber Depth (mm)	Recom. Plate Diam. (mm)	Qty/Cs
3118-160	Complete	160	255	100	140	1
3118-160CO	Cover Only	160	95	–	–	1
3118-SO E	Sleeve Only	–	35	–	–	1
3118-RO E	Ring Only	–	–	–	–	1

For lower part only, see Cat. No. 3078.

**Warning:** Do not heat or subject to pressure.

**3120 PYREX® Brand, Large Size, E Sleeve**



The rugged 55/38 external sleeve with tooled hose connection serves as the stopcock and is designed so that its manipulation is not affected by the vacuum. The open position is indicated by the molded arrow on the cap. A quarter turn from this position closes the desiccator. For ease in use and improved performance, it is recommended that the sleeve be lubricated with a silicone-based vacuum grease. The tubulation O.D. is approximately 10 mm. Bowl capacities 3800 mL and 7500 mL respectively. Rated 1-atmosphere vacuum.

Cat. No.	Description	Approx. I.D. of Ground Flange (mm)	Approx. Total Height (mm)	Approx. Chamber Depth (mm)	Recom. Plate Diam. (mm)	Qty/Cs
3120-200	Complete	200	315	125	190	1
3120-250	Complete	250	325	130	230	1
3120-200CO E	Cover Only	200	112	–	–	1
3120-250CO	Cover Only	250	117	–	–	1
3120-SO	E Sleeve Only	–	35	–	–	1
3120-RO	E Ring Only	–	–	–	–	1

For lower part only, see Cat. No. 3080.

**Warning:** Do not heat or subject to pressure.

**DISHES**

**3140 PYREX Brand, Crystallizing**



The rims on these dishes are reinforced and fire polished to reduce chipping. Will withstand repeated sterilization (wet or dry). Ideal for storage and crystallization.

Cat. No.	Capacity (mL)	Fl. Oz.	Approx. Diam. x Height (mm)	Qty/Pk	Qty/Cs
3140-70	180	6	70 x 50	6	24
3140-80	180	6	80 x 40	6	24
3140-90	270	9	90 x 50	6	18
3140-100	325	11	100 x 50	6	18
3140-125	740	25	125 x 65	4	12
3140-150	1200	30	150 x 75	4	8
3140-170	1770	60	170 x 90	2	8
3140-190	2500	85	190 x 100	2	6

### 3160 PYREX® Brand, Culture, Petri



These flat, clear dishes will withstand repeated sterilization (wet or dry). The edges are beaded to provide greater mechanical strength. The bead also provides a means to equally space the side walls of the bottom and cover, thereby reducing the capillary action of condensed moisture on the sides. They are not affected chemically or thermally by any of the methods commonly employed in laboratories where sterilization is a major factor in routine or in specialized work. The covered dish is not airtight. The tops are marked in blue enamel and the bottoms in white enamel to make sorting easier. Bottoms also have a triangular, enamel reference point for serial dilutions.

Cat. No.	Description	Size (mm)	Approx. Diam. x Height (mm)	Qty/Pk	Qty/Cs
3160-60	Complete	60 x 15	58 x 15	12	72
3160-100	Complete	100 x 10	98 x 10	12	72
3160-101	Complete	100 x 15	98 x 15	12	72
3160-102	Complete	100 x 20	98 x 20	12	72
3160-150	Complete	150 x 15	148 x 15	12	24
3160-152	Complete	150 x 20	148 x 20	12	24
3160-60CO	Cover Only	60 x 15	58 x 15	–	12
3160-100CO	Cover Only	100 x 10	98 x 10	–	12
3160-101CO	Cover Only	100 x 15	98 x 15	–	12
3160-102CO	Cover Only	100 x 20	98 x 20	–	12
3160-150CO	Cover Only	150 x 15	148 x 15	–	12
3160-152CO	Cover Only	150 x 20	148 x 20	–	12
3160-60BO	Bottom Only	60 x 15	58 x 15	–	12
3160-100BO	Bottom Only	100 x 10	98 x 10	–	12
3160-101BO	Bottom Only	100 x 15	98 x 15	–	12
3160-102BO	Bottom Only	100 x 20	98 x 20	–	12
3160-150BO	Bottom Only	150 x 15	148 x 15	–	12
3160-152BO	Bottom Only	150 x 20	148 x 20	–	12

### 3170 PYREX Brand, Drying, Heavy Wall



This tray will withstand hot air or steam sterilization. Useful for gel work or paper chromatography. Do not place over direct heat, for oven use only.

Cat. No.	Approx. Top Width (mm)	Approx. Top Length (mm)	Approx. Inside Depth (mm)	Qty/Cs
3170-12	305	457	72	4

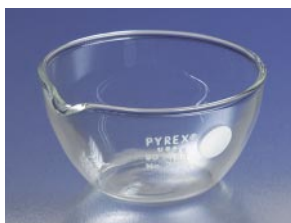
### 3175 PYREX Brand, Drying



A range of trays designed for use as drying, staining or developing trays. They can be used with paper or gel electrophoresis or paper chromatography. Trays will withstand autoclaving. Do not place over direct heat, for oven use only.

Cat. No.	Approx. Size L x W x H (mm)	Approx. Capacity (mL)	Qty/Cs
3175-7	272 x 180 x 50	1750	4
3175-8	201 x 201 x 55	2000	4
3175-9	330 x 217 x 70	3000	4
3175-10	349 x 249 x 60	3500	4

### 3180 PYREX Brand, Evaporating, Flat Bottom



These dishes have rugged beaded rims and are of standard medium depth.

Cat. No.	Approx. O.D. x Height (mm)	Approx. Volume (mL)	Qty/Pk	Qty/Cs
3180-80	80 x 45	140	–	6
3180-90	90 x 50	170	–	6
3180-105	105 x 55	290	1	6



### 13180 VYCOR® Brand, Evaporating, Flat Bottom

Useful for ashing material, particularly in electric furnaces. Ashing of alkaline materials and some metallic oxides can cause etching of VYCOR brand products. The degree of etching will depend on alkalinity and ashing temperature. Made of Code No. 7913 glass (96% silica), which has high thermal and chemical resistance and is stable with acids, water and steam.

Cat. No.	Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Cs
13180-45	45	70 x 28	12
13180-100	100	90 x 42	8

## DISTILLING APPARATUS

### 3340 PYREX® Brand, Kjeldahl, Nitrogen, § Joints



Used for determining nitrogen in organic compounds. This assembly includes a Kjeldahl flask specifically developed for this process. Both the digestion and distillation stages can be performed in this flask. The assembly shown is the distillation stage, where the amount of ammonia, and hence, nitrogen, is established. The inlet tube allows the permanganate solution to be introduced after distillation. Supplied with an outer § 29/42 joint on the flask and an outer § 19/38 joint on the condenser. Total height is 410 mm; total width is 300 mm; maximum O.D. is 97 mm.

Cat. No.	Description	Capacity (mL)	Qty/Cs
3340-500 E	Complete	500	1
3340-TO E	Tube Only	–	1
3340-FO E	Flask Only	–	1

### 3350 PYREX Brand, Cyanide



Used in testing for soluble and insoluble cyanides in water. Cyanide as hydrocyanic acid (HCN) is released from cyanide complexes by means of a reflux-distillation and absorbed in a scrubber containing a sodium hydroxide solution. Tygon® tubing connects the reaction/distillation section to the absorption scrubber making set-up easier and less susceptible to glass breakage. Inlet tubes have funnel openings for easy addition of acid. Apparatus meets the requirements of E.P.A. SW-846 methods 9010 and 9012, and ASTM method D-2036. Designed for sample size of 500 mL.

Cat. No.	Description	Qty/Cs
3350-1L E	Two-Neck Boiling Flask, 1L	1
3350-C E	Cyanide Distillation Apparatus, Complete	1
3350-CFCO E	Cold Finger Condenser Only	1
3350-CJO E	Condenser Jacket Only	1
3350-DTO E	Dispersion Tube Only	1
3350-ITO E	Inlet Tube Only	1
3350-TO E	Trap Only	1

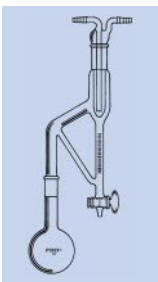
### 3360 PYREX Brand, General Purpose, PYREX Stopper, § Joint



A general purpose batch distillation assembly with the facility for addition via the PYREX stoppered neck. Ideally suited for the batch production of high purity distilled water. The flask has a flat bottom with a side delivery tube, terminating in a joint. Condenser tubulations are 10 mm O.D.

Cat. No.	Description	Capacity (mL)	Cond. Jacket Length (mm)	§ Stopper No.	§ Joint Size	Qty/Cs
3360-500 E	Complete	500	200	27	19/38	1
3360-1L	Complete	1000	200	27	19/38	1
3360-500FO E	SFO	500	–	27	–	1
3360-1LFO	SFO	1000	–	27	–	1

SFO: Stopper and Flask Only.  
For stopper only, see Cat. No. 7650.



### 3400 PYREX® Brand, Volatile Oil Distilling Apparatus, Lighter Than Water, $\text{F}$ Ground Joint

Designed for use with oils lighter than water. Apparatus consists of a Clevenger-type volatile oil trap and cold finger condenser with  $\text{F}$  24/40 joints and long necked 250 mL round bottom flask. The trap is graduated to 5 mL in 0.1 mL increments.

Cat. No.		Description	Overall Height (mm)	Flask $\text{F}$ Ground Joint	Qty/Cs
3400-1L	E	Complete Apparatus	315	29/42	1
3400-250	E	Complete Apparatus	315	24/40	1



### 3405 PYREX Brand, Volatile Oil Distilling Apparatus, Lighter Than Water

Designed for use with oils lighter than water. Apparatus consists of a plain Clevenger-type volatile oil trap graduated to 5.0 mL in 0.1 mL increments, cold finger condenser, and 250 mL round bottom flask with  $\text{F}$  24/40 joint.

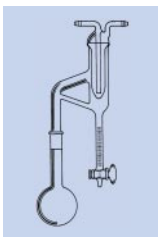
Cat. No.		Description	Overall Height (mm)	Qty/Cs
3405-250	E	Complete Apparatus	275	1



### 3410 PYREX Brand, Volatile Oil Distilling Apparatus, Heavier Than Water

Apparatus consists of a Clevenger-type volatile oil trap with a  $\text{F}$  24/40 outer joint and an inner joint on the sidearm, a long neck round bottom flask, and a cold finger condenser insert with a  $\text{F}$  24/40 inner joint. Designed for use with oils heavier than water. Trap is graduated to 5 mL in 0.1 mL increments.

Cat. No.		Description	Approx. Overall Height (mm)	Capacity (mL)	Qty/Cs
3410-1L	E	Complete Apparatus	310	1000	1
3410-250	E	Complete Apparatus	300	250	1



### 3415 PYREX Brand, Volatile Oil Distilling Apparatus, Heavier Than Water

Apparatus designed for use with oils heavier than water. Consists of a Clevenger-type volatile oil trap graduated to 5 mL in 0.1 mL increments, cold finger condenser insert and long necked, round bottom flask with  $\text{F}$  24/40 joint.

Cat. No.		Capacity (mL)	Approx. Overall Height (mm)	Qty/Cs
3415-250	E	250	270	1



### 3440 PYREX Brand, Compact, $\text{F}$ Joint

A compact distillation assembly, incorporating a specially designed Friedrichs condenser, with a vapor tube rising to the top. Supplied with a  $\text{F}$  joint between the Friedrichs condenser and the flask. The 1000 mL Erlenmeyer flask is supplied with an outer  $\text{F}$  34/45 joint. Condenser tubulations are 10 mm O.D.

Cat. No.		Description	Approx. Height (mm)	Cond. Outlet O.D. x Length (mm)	Qty/Cs
3440	E	Complete	495	8 x 175	1
3440-CO	E	Condenser Only	–	–	1
3440-FO	E	Flask Only	–	–	1



### 3560 PYREX Brand, Claisen Connecting Tube, West Condenser, $\text{F}$ Joints

Made in two parts. Consists of a special West condenser (500 mm jacket length) and a special Claisen connecting tube, both with  $\text{F}$  joints. The side neck on the connecting tube has an outer  $\text{F}$  10/30 joint at the top for a thermometer. The tubulation size on the condenser is approximately 10 mm O.D.

Cat. No.		Description	$\text{F}$ Joint Size	Approx. Height (mm)	Qty/Cs
3560	E	Complete	24/40	225	1
3560-CO	E	Condenser Only	24/40	–	1
3560-TO	E	Tube Only	24/40	–	1





### 3575 PYREX® Brand, Solvent Still Head

Apparatus for maintaining oxygen free solvents. Head has sufficient storage space to allow solvent removal by syringe or drainage through 2 mm T-bore Teflon stopcock. With  $\text{F}$  24/40 outer joint at top,  $\text{F}$  24/40 inner joint at bottom and  $\text{F}$  14/20 inner joint on drainage arm.

Cat. No.	Capacity (mL)	Approx. Overall Height (mm)	Qty/Cs
3575-250 E	250	245	1
3575-500 E	500	275	1



### 3582 PYREX Brand, Oil Dilution, $\text{F}$ Joints

For determining the amount of dilution in crankcase oils when gasoline has been used as fuel. Designed to allow heat-sensitive materials to be kept away from the hot base of the flask. With an outer  $\text{F}$  24/40 joint at the top and an inner  $\text{F}$  24/40 joint on the sidearm. Reference: ASTM D-322.

Cat. No.	Capacity (mL)	Approx. Height (mm)	Grad. Interval (mL)	Qty/Cs
3582 E	5	380	0.1	1



### 3602 PYREX Brand, Dean Stark, $\text{F}$ Joints

The 10 mL receiver is graduated from 0 to 1 mL in 0.1 mL intervals, with a maximum scale error of 0.05 mL. The graduation intervals from 1.0 to 10.0 mL are 0.2 mL, with a maximum scale error of 0.1 mL.

Cat. No.	Capacity (mL)	$\text{F}$ Inner and Outer Joint Size	Approx. Height (mm)	Qty/Pk	Qty/Cs
3602-10 E	10	24/40	216	1	4

Reference: ASTM E-123.



### 3611 PYREX Brand, Moisture Test, $\text{F}$ Joints

For determining water by distillation. Receivers have a  $\text{F}$  24/40 ground joint on the sidearm. The 10 mL receiver is graduated, from 0 to 1 mL, in 0.1 mL intervals, with a maximum scale error of 0.05 mL. Graduation intervals from 1.0 to 10.0 mL are 0.2 mL, with maximum scale error of 0.1 mL. The 25 mL receiver is graduated, from 0 to 1 mL, in 0.1 mL intervals, with a maximum scale error of 0.05 mL. Graduation intervals from 1.0 to 25.0 mL are 0.2 mL, with a maximum scale error of 0.1 mL.

Cat. No.	Capacity (mL)	$\text{F}$ Inner and Outer Joint Size	Approx. Height (mm)	Qty/Cs
3611-10	10	24/40	237	1
3611-25 E	25	24/40	317	1

Reference: ASTM E-123, which covers apparatus used in ASTM method D-95, *Test for Water in Petroleum Products and Other Bituminous Products*.



### 3622 PYREX Brand, Barrett, Stopcock, $\text{F}$ Joints

For determining water content in petroleum or bituminous products, graduated upwards from the stopcock to 3 mL in 0.2 mL divisions, and from 3 mL to 20 mL in 0.5 mL divisions. Reference: Barrett method B-2. Also can be used as Dean Stark distillation apparatus specified in British Standard 756, but utilizes a common U.S. ground joint. It is also an optional setup for ASTM D-95.

Cat. No.	Capacity (mL)	$\text{F}$ Inner and Outer Joint Size	Approx. Height (mm)	$\text{F}$ Stopcock Plug No.	Qty/Pk	Qty/Cs
3622-20	20	24/40	228	1	2	4

## EXTRACTION APPARATUS


**3740 PYREX® Brand, Soxhlet, § Joints**

Bulb in siphon tube near the top of tube facilitates cycling of the siphoning action. The siphon tube is protected from accidental damage by the vapor tube. § joints at the top and bottom.

Cat. No.	Capacity to Top of Siphon (mL)	§ Inner Joint Size	§ Outer Joint Size	Approx. Height (mm)	Approx. Siphon to Plate (mm)	Chamber I.D. x Height (mm)	Qty/Pk	Qty/Cs
3740-S	50	24/40	34/45	295	62	29 x 130	1	2
3740-M	85	24/40	45/50	303	80	38 x 130	1	12
3740-XL	500	29/42	71/60	430	130	64 x 220	1	2

For glass extraction thimble with fritted disc only, See Cat. No. 33950.

**3840 PYREX Brand, § Joints, Allihn Condenser**

This apparatus consists of a Soxhlet extractor, an Allihn condenser and a flask, all equipped with § joints. The tubulation O.D. on the condenser is 10 mm.



Cat. No.	Description	Capacity (mL)	I.D. Body Length (mm)	Extractor § Joint Size Inner (Bottom)	Extractor § Joint Size Outer (Top)	Approx. Height (mm)	Qty/Cs
3840-S	Complete	125	27 x 192	24/40	34/45	655	1
3840-M	Complete	250	37 x 250	24/40	45/50	711	1
3840-L	Complete	500	46 x 305	24/40	55/50	803	1
3840-XL	E Complete	1000	64 x 319	29/42	71/60	880	1
3840-SCO	E Condenser Only	–	–	–	–	–	1
3840-MCO	E Condenser Only	–	–	–	–	–	1
3840-LCO	E Condenser Only	–	–	–	–	–	1
3840-XLCO	E Condenser Only	–	–	–	–	–	1
3840-1LFO	E Flask Only	1000	–	–	–	185	1

For extractor only, see Cat. No. 3740.

For flask only on sizes 125 thru 500 mL, see Cat. No. 4100.

**3880 PYREX Brand, Friedrichs Condenser, § Joints**

An efficient extraction apparatus for general purpose use. Consists of a Soxhlet extractor, a special Friedrichs condenser and a flask, all equipped with § joints. The condenser tubulation O.D. is 10 mm.



Cat. No.	Description	Capacity (mL)	I.D. x Body Length (mm)	§ Inner Joint Size	§ Outer Joint Size	Approx. Height (mm)	Qty/Cs
3880-M	E Complete	250	40 x 205	24/40	45/50	665	1
3880-MCO	E Condenser Only	–	–	–	–	–	1

For extractor only, see Cat. No. 3740.

For flask only, see Cat. No. 4100.

**3900 PYREX Brand, Arsine Generator**

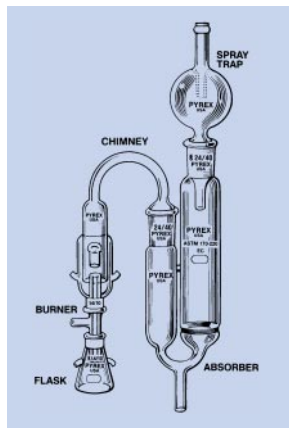
Designed for arsenic determination by the silver diethyldithiocarbamate photometric method. Meets A.P.H.A. Standard 104A, ACS/USP and EPA specifications. Fabricated from PYREX borosilicate glass. Joint on 125 mL flask is 24/40 and ball and socket joint between absorber and scrubber is § 12/2. Complete unit includes clamp.



Cat. No.	Description	Qty/Pk	Qty/Cs
3900	E Arsine Generator, Complete	–	1
3900-AO	E Absorber Only	1	4
3900-SO	E Scrubber Only	1	4
7721-13	E Clamp Polyacetyl	–	10

**37723 PYREX® Brand, Sulfur Determination, Fritted Disc, § Joints**

For the determination of sulfur in gasoline, kerosene, petroleum naphtha and other petroleum oils that can be burned completely in a wick lamp. **Reference: ASTM D-1266 except that fritted disc is 40-EC.**



Cat. No.		Description	Qty/Pk	Qty/Cs
37723	E	Apparatus Complete	–	1
37723-AO	E	Absorber Only	–	1
37723-BO	E	Burner Only	1	12
37723-CO	E	Chimney Only	–	1
37723-FO	E	Flask Only	–	1

**38450 PYREX Brand, Chromatographic, Coarse Fritted Disc**

These tubes are designed for general chromatographic analysis. The tops are tooled for rubber stopper fit and the tubes are fabricated with sealed-in coarse porosity fritted discs. The outflow tubes are large in diameter to eliminate the smearing of the definition bands of effluent caused by the tube being filled, and the solvent mixed before being expelled. The outflow tubes are long enough to protrude through a rubber stopper.



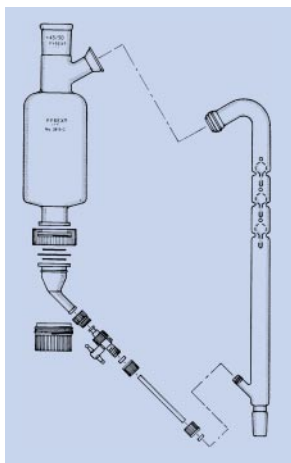
Cat. No.		Approx. I.D. x Length (mm)	Approx. Stopper No.	Qty/Pk	Qty/Cs
38450-10	E	10.5 x 300	00	1	8
38450-20	E	22.0 x 400	4	1	6
38450-40	E	44.0 x 600	10	–	1

**38452 PYREX Brand, Chromatographic, Coarse Fritted Disc, § Teflon Stopcock**

The column is designed for general chromatographic column separations. The top is tooled for a rubber stopper fit. A § Teflon® stopcock is provided for better column control. Sealed into the column in a coarse porosity fritted disc. The volume below the disc is minimized to prevent mixing and to allow clear, sharp, band definition.



Cat. No.		Approx. I.D. x Length (mm)	Approx. Stopper No.	Stopper Plug Size	Qty/Pk	Qty/Cs
38452-10	E	10 x 300	00	2	2	4



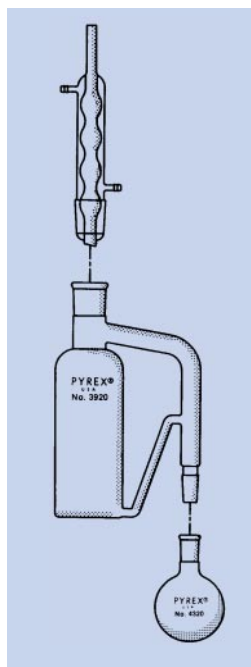
### 3915-C PYREX® Brand, Accelerated One-Step, Modular

Revolutionary modular PYREX brand Accelerated One-Step extractor/concentrator performs extraction, concentration, and drying with the same apparatus. Extraction/concentration can be done in one-third of the time. Pesticides can be completed in 5.5 hours instead of 18 hours for normal liquid-liquid extractions. BNA's extraction time reduces from 36 hours to 12 hours. Extraction process requires only 100 mL of solvent versus 500 mL, an 80% reduction. This reduces solvent emissions (solvent recovery is built in), solvent cost, and solvent disposal. No separate extract drying required due to use of hydrophobic membrane. The Teflon® hydrophobic membranes are disposable eliminating the risk of sample to sample contamination. Meets the requirements of E.P.A. SW-846 method 3520 and E.P.A. Waste Water method 625 allowed in CLP statement of work OLMO2.0 for semi-volatiles and pesticides. Extraction and concentration steps can be performed outside the hood.† For use with solvents of heavier specific gravity than sample being extracted. Removable Snyder column sidearm allows easy cleaning. Concentrator tube and condenser must be purchased separately. U.S. Patent No. 5,268,150 and 5,373,620. †As dictated by safe laboratory practices, we recommend that some type of ventilation system be used above or near the units in case of a drop in condenser water temperature or loss of condenser cold water supply.

Cat. No.	Description	Delivered	Qty/ Pk	Qty/ Cs
3915-C	E Complete	Accelerated One-Step™ Extractor/ Concentrator (without K-D or Condenser)	–	1
2140-35	E Parts	Ball Joint Clamp, \$ 35/25	–	1
2157-100T	E Accessories Required but not included in Assembly	Concentrator Tube, 100 mL. Threaded Tubulations, \$ 24/40	–	1
2157-100TJ	E Accessories Required but not included in Assembly	Concentrator Tube, Jacketed, 100 mL. Threaded Tubulations, \$ 24/40	–	1
2158-CO	E Parts	Hose Connectors, Jacketed Concentrator Tube	2	6
3840-MCO	E Condenser Only	Condenser, Allihn, Medium, \$ 45/50	–	1
3915-35VO	E Parts	O-Rings, Viton® \$ 35/25, 1" ID, 1 3/16" OD, 3/32" Width, 75 Durometer	6	24
3915-CAO	E Parts	Coupler Assembly Only, Top/Bottom	2	6
3915-CVO	E Parts	O-Rings, Viton Coupler, 1 1/2" ID, 1 11/16" OD, 3/32" Width, 75 Durometer	6	24
3915-CW	E Parts	Connectors/Washers Only, for Stopcock Assembly, Melamine Connectors, Teflon Liners, Silicon Washers	2	6
3915-ECO	E Parts	Extractor Cup Only	–	1
3915-MBO	E Parts	Extractor Body Only, \$45/50 Top, \$ 35/25 Side	–	1
3915-MSCO	E Parts	Snyder Sidearm Only, Top \$ 35/25 with Viton® O-Ring, Lower \$ 24/40	–	1
3915-SCA	E Parts	Stopcock Assembly Only	–	1
3918-47	E Parts	Membrane Assembly, 47 mm	–	20
3918-47BP	E Parts	Membrane Assembly, 47 mm Bulk Pack	–	200
3918-47MS	E Parts	Photoceram™ Membrane Support Only, for 47 mm Membrane	–	2

**3920-M PYREX® Brand, Continuous Liquid/Liquid Extractor, Complete, Heavier Than Water, One-Piece**

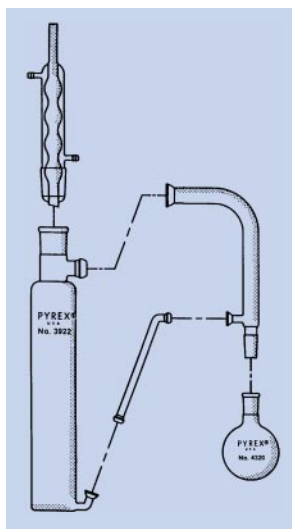
PYREX brand continuous liquid/liquid extractor is designed to meet E.P.A. test method requirements outlined by SW-846, RCRA, and CLP. For use with solvents of heavier specific gravity than sample liquid being extracted. The sidearm is sealed to the extractor body just below the  $\text{K}$  45/50 ground joint. The sidearm is sealed higher on the body to reduce the chance of water spilling over while draining remaining solvent from extractor body at the end of the extraction. Extraction can be performed outside the hood.<sup>†</sup> Comes complete with PYREX brand Allihn condenser and 500 mL PYREX brand round bottom boiling flask. <sup>†</sup>**As dictated by safe laboratory practices, we recommend that some type of ventilation system be used above or near the units in case of a drop in condenser water temperature or loss of condenser cold water supply.**



Cat. No.	Description	Delivered	Capacity (mL)	Extractor Body Approx. Height (mm)	Extractor Body Approx. Width (mm)	Total Approx. Height (mm)	Qty/ Cs
3920-M	E Complete	–	1000	355	214	710	1
3840-MCO	E Condenser Only	Allihn Condenser	–	–	–	–	1
3920-MBO	E Components	Extractor Body, $\text{K}$ 45/50 Top, $\text{K}$ 24/40 Bottom	–	–	–	–	1
4320-500	Components	Round Botom Flask 500 mL, $\text{K}$ 24/40	–	–	–	–	12



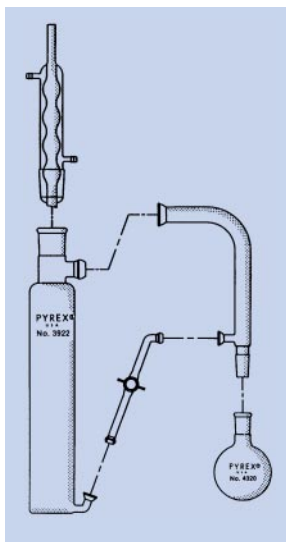
### 3922-M PYREX® Brand, Continuous Liquid/Liquid Extractor, Heavier Than Water, Modular, Plain Crossover Tube



Innovative modular PYREX brand continuous liquid/liquid extractor is designed to meet E.P.A. test method requirements outlined by SW-846, RCRA, and CLP. For use with solvents of heavier specific gravity than sample liquid being extracted. Removable sidearm and crossover tube reduce chance of cross-contamination by allowing easy, thorough cleaning. Parts are interchangeable with heavier than water versions of the One-Step Extractor/Concentrators. Extraction can be performed outside the hood.† Slightly taller design allows for longer solvent residence time. †As dictated by safer laboratory practices, we recommend that some type of ventilation system be used above or near the units in case of a drop in condenser water temperature or loss of condenser cold water supply.

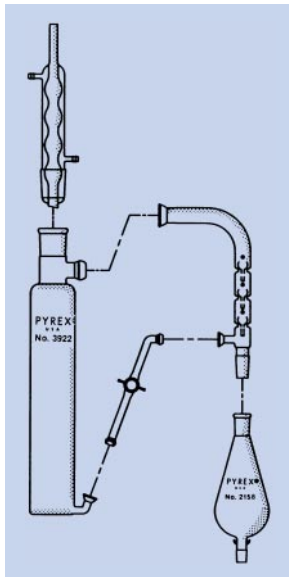
Cat. No.	Description	Delivered	Capacity (mL)	Extractor Body Approx. Height (mm)	Extractor Body Approx. Width (mm)	Total Approx. Height (mm)	Qty/ Pk	Qty/ Cs
3922-M	E Sold as Components Only	Components	1000	520	254	780		
2140-18	E Components	Ball Joint Clamp, § 18/9					1	2
2140-35	E Components	Ball Joint Clamp, § 35/25					–	1
3922-MBO	E Components	Extractor Body, § 45/50 Top, § 35/25 Middle, § 18/9 Bottom					–	1
3922-MCTO	E Components	Modular Crossover Tube with Viton® O-Rings, § 18/9					1	4
3922-MSAO	E Components	Modular Sidearm, § 35/25 Top, § 18/9 Middle, § 24/40 Bottom					–	1
4320-500	E Components	Round Bottom Flask, 500 mL, § 24/40					2	12
7705	E Components	Viton O-Rings, 1/2" OD, 11/16" OD, 3/32" Width, 70 Durometer					–	10

### 3924-M PYREX® Brand, Continuous Liquid/Liquid Extractor, Heavier Than Water, Modular, Valved Crossover Tube



Innovative modular PYREX brand continuous liquid/liquid extractor is designed to meet E.P.A. test method requirements outlined by SW-846, RCRA, and CLP. For use with solvents of heavier specific gravity than sample liquid being extracted. Removable sidearm and crossover tube reduce chance of cross-contamination by allowing easy, thorough cleaning. Parts are interchangeable with One-Step Extractor/Concentrators. Extraction can be performed outside the hood.† Crossover tube fitted with stopcock to impede flow to round bottom flask when changing over from base/neutral to acidic extractions or at completion of extraction. Slightly taller design allows for longer solvent residence time. †As dictated by safe laboratory practices, we recommend that some type of ventilation system be used above or near the units in case of a drop in condenser water temperature or loss of condenser cold water supply.

Cat. No.	Description	Delivered	Capacity (mL)	Extractor Body Approx. Height (mm)	Extractor Body Approx. Width (mm)	Total Approx. Height (mm)	Qty/ Pk	Qty/ Cs
3924-M	E	Sold as Components Only	1000	520	254	780		
2140-18	E	Components	Ball Joint Clamp, \$ 18/9				1	2
2140-35	E	Components	Ball Joint Clamp, \$ 35/25				–	1
3840-MCO	E	Condenser Only	Condenser, Allihn, Medium, \$ 45/50				–	1
3922-MBO	E	Components	Extractor Body, \$ 45/50 Top, \$ 35/25 Middle, \$ 18/9 Bottom				–	1
3922-MSAO	E	Components	Modular Sidearm, \$ 35/25 Top, \$ 18/9 Middle, \$ 24/40 Bottom				–	1
3928-MCTO	E	Components	Modular Crossover Tube with Valve and Viton® O-Rings, \$ 18/9				–	1
4320-500	E	Components	Round Bottom Flask, 500 mL, \$ 24/40				2	12
7681-6	E	Components	Stopcock Assembly, Teflon®				–	1
7705	E	Components	Viton O-Rings, 1/2" OD, 11/16" OD, 3/32" Width, 70 Durometer				–	10

**3928-M PYREX® Brand, One-Step, Heavier Than Water, Modular**

Innovative modular PYREX brand One-Step continuous liquid/liquid extractor/concentrator performs both extraction and concentration with the same apparatus. At the end of the extraction, simply close the valve and begin concentration. Designed to meet E.P.A. test method requirements outlined by SW-846, RCRA, and CLP. For use with solvents of heavier specific gravity than sample liquid being extracted. Automatic solvent recovery built into system. Extraction and concentration steps can be performed outside the hood.<sup>†</sup> Allows for use of same solvent for both basic and acidic extractions. Removable Snyder column sidearm and valved crossover tube reduce chance of cross-contamination by allowing easy, thorough cleaning. No apparatus change between extraction and concentration. Reduces sample handling and overall technician time required to perform procedures. Parts are interchangeable with heavier than water PYREX brand modular continuous liquid/liquid extractors. Slightly taller design allows for longer solvent residence time. <sup>†</sup>**As dictated by safe laboratory practices, we recommend that some type of ventilation system be used above or near the units in case of a drop in condenser water temperature or loss of condenser cold water supply.**

Cat. No.	Description	Delivered	Capacity (mL)	Extractor Body Approx. Height (mm)	Extractor Body Approx. Width (mm)	Total Approx. Height (mm)	Qty/ Pk	Qty/ Cs
3928-M	E	Sold as Components Only	1000	520	254	960		
2140-18	E	Components					1	2
2140-35	E	Components					–	1
2158-500FO	*	500 mL Flask Only					–	4
3840-MCO	E	Condenser Only					–	1
3928	E	Sold as Components Only	1000	520	254	960		
3922-MBO	E	–					–	1
3928-MCTO	E	Components					–	1
3928-MSCO	E	Components					–	1
7681-6	E	Components					–	1
7705	E	Components					–	10

Note: A Kuderna Danish Concentrator Tube is also required:

2157-TO Kuderna Danish Concentrator Tube

2158-TO Kuderna Danish Concentrator Tube

\*2158-500FO: The 500 mL includes springs and two sizes of Keck clamps.



### 9601 PYREX® Brand, Reaction, Combination Vessel and Receiver

This tube may be used for simple semi-micro vacuum or atmospheric distillation, either as a reaction flask or a receiving tube.

Cat. No.	Joint Size	Approx. Length (mm)	Qty/Cs
9601-24 E*	24/40	200	1

\*This tube is also a replacement part for organic chemistry kit No. 6949.

## EVAPORATOR TRAPS

### 4000 PYREX Brand, Evaporator

Used in rotary evaporators. Consists of a round body with upper and lower stems. The lower stem, with inner joint at bottom, extends upward inside the body. The closed top of this stem has two side openings. The upper stem has a 24/40 outer joint.



Cat. No.	Capacity (mL)	Lower Joint	Approx. O.D. x Height (mm)	Qty/Cs
4000-10014 E	100	14/20	62 x 160	1
4000-10019 E	100	19/22	62 x 162	1
4000-10024 E	100	24/40	62 x 180	1
4000-25014 E	250	14/20	81 x 177	1
4000-25019 E	250	19/22	81 x 179	1
4000-25024 E	250	24/40	81 x 199	1
4000-50014 E	500	14/20	98 x 194	1
4000-50024 E	500	24/40	98 x 214	1
4000-1L24 E	1000	24/40	130 x 248	1

## FIBER GLASS

### 3950 PYREX Brand, Code No. 3950-9989 Glass

This fiber glass is made from fine glass fibers with diameters controlled to approximately 0.008 mm. This makes the glass pliable and easy to use. Manufactured from Code No. 9989 glass, this fiber glass contains minimal heavy metals and is suitable for use as a filtering medium. Supplied in the form of roving approximately 2 inches in diam. x 22 ft. long. Packaged in 0.23 kg. (0.5 lb.) bags. Not sold in quantities of less than 0.46 kg. (1 lb.).



Cat. No.	Pk/Cs	Qty/Cs
3950-9989	1 lb./2 bags	12 lb./24 bags

## FILLING BELL

### 3960 PYREX Brand, Filling Bell

For use with culture tubes and bottles. The smaller size will fit tubes up to 20 mm O.D. (without lip). The larger size can be used on bottles with maximum rim diameter of 44 mm.



Cat. No.	Approx. Height (mm)	Tubulation O.D. (mm)	Qty/Cs
3960-S E	70	7	1
3960-L E	85	11	1

### 3965 PYREX® Brand, Filling Bell, Aseptic

For aseptic filling of vessels. Rubber tubing is attached to the top of the tubulation while the receiving vessel is placed inside the bell.



Cat. No.	For Use with	Description	Tubulation O.D. (mm)	Dimensions O.D. x Height (mm)	Qty/Cs	
3965-20	E	Tubes	Filling Bell	7.0	28 x 75	2
3965-40	E	Tubes	Filling Bell	10.0	41 x 95	2
3965-50	E	Bottles	Filling Bell	11.0	51 x 95	2
3965-70	E	Bottles	Filling Bell	11.0	73 x 130	2
3965-100	E	Bottles	Filling Bell	12.7	109 x 140	2

### 3970 PYREX Brand, Filling Bell, Aseptic, Luer Lock Style

Luer lock style for filling very small necked flasks aseptically using syringe needles. Standard or plastic syringes (not included) attach to luer fitting to dispense uniform droplets into receiving vessel.



Cat. No.	Description	Tubulation O.D. (mm)	Dimensions O.D. x Height (mm)	Qty/Cs	
3970-20	E	Filling Bell	11.0	20 x 80	2
3970-38	E	Filling Bell	11.0	41 x 95	2
3970-50	E	Filling Bell	11.0	51 x 95	2
3970-70	E	Filling Bell	11.0	70 x 130	2
3970-100	E	Filling Bell	12.7	109 x 140	2

## FLASKS

### 4060 PYREX Brand, Florence, Boiling, Flat Bottom, Long Neck, Tooled Mouth

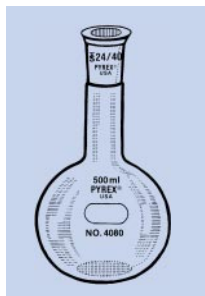


Cat. No.	Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs	
4060-50	E	50	1	50 x 94	–	1
4060-125		125	2	68 x 120	6	24
4060-250		250	5	82 x 134	6	24
4060-500	E	500	6	103 x 174	6	24
4060-1L	E	1000	8	132 x 213	–	6
4060-2L		2000	8	168 x 293	–	1
4060-6L	E	6000	11	237 x 367	–	1
4060-12L	E	12000*	11	297 x 371	–	1

\*The 12000 mL size has a short neck.

### 4080 PYREX Brand, Florence, Boiling, Flat Bottom, Long Neck, § Joint

With full length outer § joints.



Cat. No.	Capacity (mL)	§ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs	
4080-250	E	250	24/40	82 x 154	6	12
4080-500	E	500	24/40	103 x 195	6	12



**4100 PYREX® Brand, Boiling, Flat Bottom, Short Neck,  $\text{K}$  Joint**

With full length outer joints, but with shorter necks.



Cat. No.		Capacity (mL)	$\text{K}$ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4100-50	E	50	24/40	50 x 98	–	1
4100-125		125	24/40	69 x 120	–	12
4100-250		250	24/40	82 x 135	6	12
4100-500		500	24/40	103 x 155	6	12
4100-1L		1000	24/40	132 x 185	1	12

**4260 PYREX Brand, Boiling, Round Bottom, Short Ring Neck**



Cat. No.		Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4260-250	E	250	5	83 x 120	–	1
4260-500	E	500	6	102 x 160	–	1
4260-1L	E	1000	8	130 x 185	6	12
4260-2L	E	2000	10	162 x 232	1	18
4260-3L	E	3000	10	184 x 260	–	1
4260-5L		5000	11	221 x 310	–	6
4260-12L	E	12000	11	295 x 378	–	1
4260-22L	E	22000	14	349 x 426	–	1

**4280 PYREX Brand, Boiling, Round Bottom, Long Neck, Tooled Mouth**



Cat. No.		Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4280-100	E	100	2	65 x 120	12	84
4280-250	E	250	5	83 x 149	–	1
4280-500	E	500	6	102 x 203	6	12
4280-1L	E	1000	8	130 x 241	6	30
4280-2L	E	2000	8	161 x 308	1	18
4280-5L	E	5000	11	221 x 380	1	6

**4315 PYREX Brand, Flask, Pear-Shaped**

These flasks are equipped with  $\text{K}$  14/20 outer joint.



Cat. No.		Capacity (mL)	$\text{K}$ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4315-5	E	5	14/20	25 x 50	–	1
4315-6	E	6	14/20	24 x 55	–	1
4315-10	E	10	14/20	31 x 58	2	12
4315-15	E	15	14/20	32 x 63	–	1
4315-20	E	20	14/20	38 x 66	–	1
4315-25		25	14/20	40 x 78	2	12
4315-35	E	35	14/20	46 x 80	–	1
4315-50	E	50	14/20	46 x 87	2	12
4315-65	E	65	14/20	53 x 86	–	1
4315-75	E	75	14/20	55 x 80	–	1
4315-100	E	100	14/20	60 x 115	–	1

**4316 PYREX® Brand, Flask, Pear-Shaped**

These flasks are equipped with  $\text{F}$  19/22 joint.

Cat. No.		Capacity (mL)	Qty/Cs
4316-25	E	25	1
4316-100	E	100	1

**4318 PYREX Brand, Flask, Pear-Shaped**

These flasks are equipped with a  $\text{F}$  24/40 joint.

Cat. No.		Capacity (mL)	Qty/Cs
4318-50	E	50	1
4318-100	E	100	1
4318-150	E	150	1
4318-200	E	200	1
4318-250	E	250	1

**4320 PYREX Brand, Boiling, Round Bottom, Short Neck,  $\text{F}$  Joint**

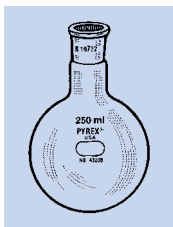
With full length joints, but with short necks.

Cat. No.		Capacity (mL)	$\text{F}$ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4320-50	E	50	19/38	49 x 98	2	12
4320-100		100	24/40	65 x 120	2	12
4320-250		250	24/40	83 x 140	2	12
4320-500		500	24/40	102 x 160	2	12
4320-1L		1000	24/40	127 x 189	1	12
4320-2L		2000	24/40	162 x 220	1	6
4320-5L	E	5000	45/50	221 x 300	1	4
4320-12L	E	12000	55/50	295 x 385	–	1

The 100, 250, and 500 mL flasks are replacement parts for organic chemistry kits Cat. Nos. 6949-6949K.

**4320A PYREX Brand, Boiling, Round Bottom, Short Neck,  $\text{F}$  Joint**

Cat. No.		Capacity (mL)	Joint Size	Approx. O.D. x Height (mm)	Qty/Cs
4320A-50		50	24/40	49 x 98	12

**4320B PYREX Brand, Boiling, Round Bottom, Short Neck,  $\text{F}$  Joint**

Cat. No.		Capacity (mL)	$\text{F}$ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4320B-25	E	25	19/22	42 x 72	–	1
4320B-50	E	50	19/22	49 x 81	–	1
4320B-100		100	19/22	65 x 95	2	12
4320B-250	E	250	19/22	83 x 120	–	1
4320B-500	E	500	19/22	102 x 139	–	1

These flasks are replacement parts for organic chemistry kits Cat. Nos. 6949-6949K.

**4320C PYREX® Brand, Boiling, Round Bottom, Short Neck, Heavy Wall, K Joint**

PYREX heavy duty boiling flask provides increased mechanical strength. The flask features walls which are 25-30% thicker than the standard version. O.D. dimensions have not been changed.



Cat. No.	Capacity (mL)	K Joint Size	Approx. O.D. x Height (mm)	Qty/Cs
4320C-50	50	24/40	49 x 61	1
4320C-100	100	24/40	65 x 120	1
4320C-250	250	24/40	83 x 140	1
4320C-500	500	24/40	102 x 160	1
4320C-1L	1000	24/40	127 x 189	1
4320C-2L	2000	24/40	162 x 215	1
4320C-3L	3000	24/40	189 x 255	1
4320C-5L	5000	45/50	221 x 300	1
4320C-12L	12000	55/50	295 x 385	1

**4321 PYREX Brand, Boiling, Round Bottom, Short Neck, K Joint**



Cat. No.	Capacity (mL)	K Joint Size	Approx. O.D. x Height (mm)	Qty/Cs
4321-50 E	50	29/42	49 x 98	1
4321-100 E	100	29/42	63 x 120	1
4321-250 E	250	29/42	83 x 140	1
4321-500 E	500	29/42	102 x 157	1
4321-1L E	1000	29/42	130 x 185	1
4321-2L E	2000	29/42	162 x 217	1

**4321A PYREX Brand, Boiling, Round Bottom, Short Neck, K Joint**



Cat. No.	Capacity (mL)	K Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4321A-5 E	5	14/20	26 x 52	2	12
4321A-10 E	10	14/20	31 x 57	2	12
4321A-25 E	25	14/20	42 x 70	-	1
4321A-50 E	50	14/20	49 x 84	-	1
4321A-100	100	14/20	65 x 95	1	12
4321A-250 E	250	14/20	83 x 114	-	1
4321A-500 E	500	14/20	102 x 137	-	1

**4323 PYREX Brand, Boiling, Round Bottom, Short Neck, K Joint with Thermometer Well with K 14/22 joint**



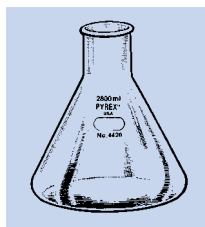
Cat. No.	Capacity (mL)	K Joint Size	Approx. O.D. x Height (mm)	Qty/Cs
4323-500 E	500	24/40	102 x 160	1
4323-1L E	1000	24/40	130 x 185	1
4323-2L E	2000	24/40	162 x 215	1

**4323A PYREX Brand, Boiling, Round Bottom, Short Neck, Side Tubulation**



Cat. No.	Capacity (mL)	K Joint Size	Approx. O.D. x Height (mm)	Qty/Cs
4323A-250 E	250	19/22	83 x 128	1

### 4420 PYREX® Brand, Fernbach, Culture



This wide mouth flask is designed for culturing organisms requiring a large surface area to volume ratio. It can also be used in serum production.

Cat. No.	Capacity (mL)	Approx. Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Cs
4420-2XL	2800	13-14	205 x 230	6

Reference: *Industrial and Engineering Chemistry*, Vol. 21, No. 12, P. 1198. Note: Do not use this flask on a heat source smaller than the base of the flask. Uneven heating of the flask could cause breakage.

### 4422 PYREX Brand, Culture, Low Form

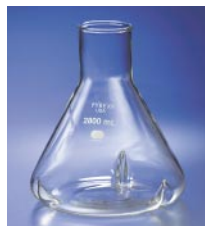


This narrow mouth flask is designed for culturing organisms requiring a large surface area to volume ratio. The neck O.D. is 38 mm.

Cat. No.	Capacity (mL)	Approx. Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Cs
4422-2XL E	2500	6.5	254 x 197	1

Do not use this flask on a heat source smaller than the base of the flask. Uneven heating of the flask could cause breakage.

### 4423 PYREX Brand, Fernbach Culture Flask, Baffled, Beaded Neck

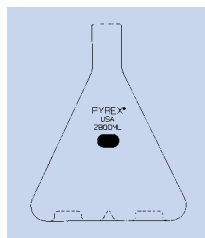


This wide-mouth flask is designed for culturing organisms requiring a large surface area to volume ratio. Triple baffled on the bottom outside edges to achieve maximal oxygen transfer to culture medium. Beaded neck is 63mm I.D. and accepts cotton plugs or rubber stoppers.

Cat. No.	Capacity (mL)	Description	Rubber Stopper No.	Dimensions O.D. x Height (mm)	Qty/Cs
4423-2XL	2800	Culture Flask	13	200 x 230	3

Do not place on a direct heat source.

### 4424 PYREX Brand, Fernbach Culture Flask, Baffled, Plain Neck



This triple baffled flask has a Delong style 38 mm neck for plastic or stainless steel closures. Triple baffles are located at the center of the flask bottom to achieve maximal oxygen transfer to culture medium. Closures are sold separately.

Cat. No.	Description	Capacity (mL)	Neck O.D. (mm)	Dimensions O.D. x Height (mm)	Qty/Cs
4424-2XL	Culture Flask with 38 mm O.D. Neck	2800	38	200 x 260	3

**Caution:** Do not place on a direct heat source.

### 4425 PYREX Brand, Fernback Culture Flask, Baffled, with Screw Cap



This wide mouth flask is designed for culturing organisms requiring a large surface area to volume ratio. Triple baffled on the bottom outside edges to achieve maximal oxygen transfer to culture medium. Supplied with GL45 orange polypropylene cap.

Cat. No.	Description	Capacity (mL)	Dimensions O.D. x Height (mm)	Qty/Cs
4425-2XL	Culture	2800	200 x 230	3

Note: For replacement caps, see Cat. No. 1395-45LTC.

**Caution:** Do not place on a direct heat source.

### 4442 PYREX® Brand, Culture, Long Neck



The long neck culture flask is basically an Erlenmeyer flask to which a long straight, rimless neck of heavy tubing has been added. The longer necks reduce the amount of splashed solution reaching the closure. It is ideal for shaker cultures.

Cat. No.	Description	Approx. O.D. x Height (mm)	Approx. Neck O.D. (mm)	Qty/Pk	Qty/Cs
4442-50 E	Flask 50 mL	50 x 105	18	6	24
4442-125	Flask 125 mL	66 x 122	25	6	24
4442-250	Flask 250 mL	81 x 138	38	6	24
44442-500 E	Flask 500 mL	101 x 181	38	–	1
4442-1L E	Flask 1000 mL	129 x 216	38	–	1
4442-2L E	Flask 2000 mL	160 x 285	38	–	1
26794-25* E	Closure, Orange	–	25	50	100
26795-25* E	Closure, Natural	–	25	50	100
26796-38** E	Closure, Orange	–	38	50	100
26797-38** E	Closure, Natural	–	38	50	100

\*Closure fits 125 mL size.  
\*\*Closure fits 250, 500, 1L, 2L.

### 4443 PYREX Brand, Biometer, Flask, PYREX #2 Stopcock



Used to measure production of carbon dioxide produced by microorganisms grown on a variety of culture medium over longer periods of time. Minimizes the need for commonly used gas trains. Also useful in Bioremediation studies. Supplied complete with #6 rubber stopper in flask neck #7 rubber stopper in the side tube and 16 ga. needle.

Cat. No.	Description	Approx. Overall Height (mm)	Qty/Cs
4443-250 E	Flask Complete, 250 mL	–	1
4443-250FO E	Flask Only, 250 mL	140	1
4443-TO E	Delivery Funnel with stopcock and cap	144	1
4443-NO E	Needle Only, 16 ga.	–	1

### 4444 PYREX Brand, Baffled Shaker



Delong style, with three baffle indents designed to provide greater agitation of solutions to improve oxygen or gas transfer when used with rotary or reciprocating shakers. Long neck reduces splashing and is designed for two-position polypropylene closures.

Cat. No.	Description	Neck O.D. (mm)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4444-125	Flask	25	70 x 140	–	6
4444-250	Flask	38	85 x 155	–	6
4444-500	Flask	38	100 x 200	–	6
4444-1L	Flask, 1000 mL	38	130 x 240	–	6
4444-2L	Flask, 2000 mL	38	160 x 282	–	1
4444-4L E	Flask, 4000 mL	38	210 x 350	–	1
26794-25 E	Closure, Orange	25	–	50	100
26795-25 E	Closure, Natural	25	–	50	100
26796-38 E	Closure, Orange	38	–	50	100
26797-38 E	Closure, Natural	38	–	50	100



**4446 PYREX® Brand, Shaker Flask, Extra-Deep Baffles**



Delong style neck, with three extra-deep baffles, to enhance gas transfer when used with rotary or reciprocating shakers. Long neck reduces splashing and is designed for two-position polypropylene closures. Closures are sold separately.

Cat. No.		Description	Approx. O.D. x Height (mm)	Approx. Neck O.D. (mm)	Qty/Cs
4446-50	E	Flask 50 mL	51 x 106	18	12
4446-125	E	Flask 125 mL	67 x 140	25	12
4446-250	E	Flask 250 mL	82 x 147	38	12
4446-300	E	Flask 300 mL	89 x 155	38	12
4446-500	E	Flask 500 mL	101 x 200	38	12
4446-1L	E	Flask 1000 mL	129 x 240	38	6
4446-2L	E	Flask 2000 mL	160 x 282	38	3
4446-3L	E	Flask 3000 mL	185 x 327	38	2
4446-4L	E	Flask 4000 mL	206 x 350	38	2

**4450 PYREX Brand, Erlenmeyer, Baffled**



Heavy tooled rim for maximum durability. The same baffle design as found on our Delong flasks promotes optimal and consistent solution agitation when used with flask shakers.

Cat. No.		Capacity (mL)	Approx. O.D. x Height (mm)	Rubber Stopper No.	Qty/Cs
4450-125	E	125	70 x 115	5	6
4450-250	E	250	85 x 155	6	6
4450-500	E	500	100 x 180	7	6
4450-1L	E	1000	130 x 220	8.5	1

**4460 PYREX Brand, Trypsinizing Flask, Beaded Neck, Baffled**



Flasks are used for converting homogenous tissue samples into cell suspensions by digestion of connective proteins. Heavy beaded neck accepts cotton plugs. Four extra-deep baffles enhance vigorous agitation.

Cat. No.	Description	Approx O.D. x Height (mm)	Height of Baffles (mm)	Qty/Cs
4460-50	Flask, 35 mL	51 x 77	30	3
4460-125	Flask, 75 mL	67 x 102	50	3
4460-250	Flask, 150 mL	82 x 130	70	3
4460-500	Flask, 300 mL	101 x 167	95	3
4460-1L	Flask, 700 mL	129 x 204	105	2
4460-2L	Flask, 1500 mL	160 x 290	125	2

**4462 PYREX Brand, Trypsinizing Flask, with Sidearm, Plain Neck, Baffled**



Delong style neck on flask and sidearm to accommodate plastic closures. Designed with a well below the sidearm to prevent unseparated tissues from being poured out of the flask. Four extra long, extra deep baffles promote vigorous agitation. Flasks are used for converting homogenous tissue samples into cell suspensions by digestion of connective tissues.

Cat. No.	Description	Approx. O.D. x Height (mm)	Height of Baffles (mm)	Ctr. Neck O.D. (mm)	Qty/Cs
4462-50	Flask, 35 mL	51 x 105	30	18	3
4462-125	Flask, 75 mL	67 x 135	45	25	3
4462-250	Flask, 150 mL	82 x 155	70	38	3
4462-500	Flask, 300 mL	101 x 200	95	38	3
4462-1L	Flask, 700 mL	129 x 255	105	38	2
4462-2L	Flask, 1500 mL	160 x 290	125	38	2

**4465 PYREX® Brand, Trypsinizing Flask, with Sidearm, Screw Caps, Baffled**



Flasks are used for converting homogenous tissue samples into cell suspensions by digestion of connective proteins. Phenolic screw cap with rubber liner on neck and sidearm. Designed with well below sidearm to prevent unseparated tissues from being poured out of flask. Four extra long, extra deep baffles promote vigorous agitation.

Cat. No.	Description	Height of Baffles (mm)	Ctr. Neck G.P.I.	Sidearm G.P.I.	Qty/Cs
4465-125	Flask, 75 mL	50	33-430M	20-415	3
4465-250	Flask, 150 mL	45	38-430M	20-415	3
4465-500	Flask, 300 mL	95	38-430M	20-415	3

Note: For replacement caps, see Corning Cat. No. 9999-381M.

**4500 PYREX Brand, Glass Spinner Flask Complete, Baffled, Angled Sidearms**



Baffled to enhance agitation of the contents of the flask. Dynamic Vortex impellers ensure high performance stirring. Wide, angled sidearms permit easier entry of 25 mL and 50 mL pipets for feeding and harvesting.

Cat. No.	Description	Capacity	Center Neck (mm)	Sidearm Neck (mm)	Qty/Cs
4500-125	Spinner	125 mL	70	32	1
4500-250	Spinner	250 mL	70	32	1
4500-500	Spinner	500 mL	100	45	1
4500-1L	Spinner	1L	100	45	1
4500-3L	Spinner	3L	100	45	1
4500-6L	Spinner	6L	100	45	1
4500-8L	Spinner	8L	100	45	1
4500-15L	Spinner	15L	100	45	1
4500-36L	Spinner	36L	100	45	1

**4502 PYREX Brand, Glass Spinner Flask Complete, Baffled, Wide Mouth, Angled Sidearms**



Baffled to enhance agitation of the contents of the flask. Dynamic Vortex impellers ensure high performance stirring. Center neck is 120 mm for ease in setup and cleaning. The wide 45 mm angled sidearms permit easier entry of 25 mL and 50 mL pipets for feeding and harvesting.

Cat. No.	Description	Capacity	Center Neck (mm)	Sidearm Neck (mm)	Qty/Cs
4502-3L	Spinner	3L	120	45	1
4502-6L	Spinner	6L	120	45	1
4502-8L	Spinner	8L	120	45	1
4502-15L	Spinner	15L	120	45	1
4502-36L	Spinner	36L	120	45	1

**4504 PYREX Brand, Glass Spinner Flask Complete, Baffled, Wide Mouth, Angled Sidearms**



Baffled to enhance agitation of the contents of the flask. Dynamic Vortex impellers ensure high performance stirring. Extra-wide center neck is 140 mm for ease in setup and cleaning. The wide 45 mm angled sidearms permit easier entry of 25 mL and 50 mL pipets for feeding and harvesting. Unique Shur-Lok® cap design on center neck has a compression gasket to ensure a tight seal of the flask that can be visually confirmed after autoclaving.

Cat. No.	Description	Capacity	Center Neck (mm)	Sidearm Neck (mm)	Qty/Cs
4504-3L	Spinner	3L	140	45	1
4504-6L	Spinner	6L	140	45	1
4504-8L	Spinner	8L	140	45	1
4504-15L	Spinner	15L	140	45	1
4504-36L	Spinner	36L	140	45	1



### 4510/4512/4514 PYREX® Brand, Glass Spinner Flask Only, Baffled, Vertical Sidearms

Baffled to enhance agitation of the contents of the flask. Extra wide center neck for ease in setup and cleaning. Center neck accepts a Shur-Loc® cap with compression gasket to ensure a tight seal that can be visually confirmed after autoclaving. Vertical sidearms with 45 mm openings can be used with sideport fitting and Direct Drive Stirring Mechanisms.

Cat. No.	Description	Capacity	Center Neck (mm)	Number of Sidearms	Qty/Cs
4510-8L	Spinner Flask Only	8L	100	4	1
4510-15L	Spinner Flask Only	15L	100	4	1
4510-36L	Spinner Flask Only	36L	100	6	1
4512-8L	Spinner Flask Only	8L	120	4	1
4512-15L	Spinner Flask Only	15L	120	4	1
4512-36L	Spinner Flask Only	36L	120	6	1
4514-15L	Spinner Flask Only	15L	140	4	1
4514-36L	Spinner Flask Only	36L	140	6	1

Note: For appropriate direct drive cap adapter and high performance paddle assemblies, see Cat. No. 4515.

### 4515 Paddle and Cap Assemblies for PYREX Brand Baffled Flasks

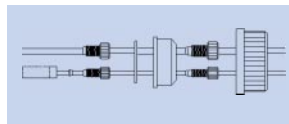
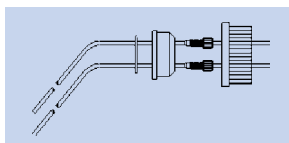
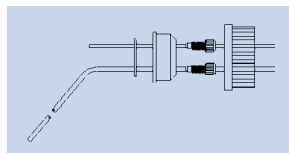
For use with Corning Cat. Nos. 4510, 4512, and 4514 series flasks coupled to a direct drive mechanism. Paddle assemblies will couple to 100, 120 or 140 mm cap assemblies. The 4515-CAO cap has been modified to mate with a Bellco 7764-10100 overhead drive shaft.



Cat. No.	Description	For Use w/Flask	Qty/Cs
4515-8L	Paddle Assembly	8000	1
4515-15L	Paddle Assembly	15000	1
4515-36L	Paddle Assembly	36000	1
4515-CAO	Center Neck	Bellco ODS Cap Adapter	1

### 4519 Accessories for PYREX Brand Spinner Flasks

All fittings made of rugged PET with compression fittings and ferrules made of Noryl® and are designed to fit standard 45 mm (GL-45) screw threads on ProCulture™ vessels. Securing caps are made of native polypropylene. Vent cap (Cat. No. 4519-108) screw threads will accept most standard 50 mm 0.2 micron PTFE disposable filters. Media handling and gas delivery tubes are made of 316L stainless steel. Sensor fittings will accept most 12 mm insertion probes. O-ring are made of Viton.®



Cat. No.	Description	Qty/Cs
4519-100	Gas Delivery Fitting 1/8" inlet	1
4519-102	Gas Delivery Fitting 1/4" inlet	1
4519-104	Combo Dely/Vent Fitting 1/8" inlet, 1/4" vent	1
4519-106	Vent Cap Fitting with 50 mm PTFE Filter	1
4519-108	Sensor Fitting for 12 mm O <sub>2</sub> Insertion Probes	1
4519-110	Sensor Fitting for 12 mm pH Insertion Probes	1
4519-112	Dual 1/8" Media Handling Fittings for 8 and 15L Flasks	1
4519-114	Dual 1/8" Media Handling Fitting for 36L Flasks	1
4519-116	Dual 1/4" Media Handling Fitting for 8 and 15L Flasks	1
4519-118	Dual 1/4" Media Handling Fitting for 36L Flasks	1
4519-120	Combo 1/8" and 1/4" Media Handling Fitting for 8 and 15L Flasks	1
4519-122	Combo 1/8" and 1/4" Media Handling Fitting for 36L Flasks	1
4519-124	Media Handling Fitting 1/2" for 8 and 15L Flasks	1
4519-126	Media Handling Fitting 1/2" for 36L Flasks	1
4519-128	Sensor Fitting for 12 mm Temp Insertion Probes	1
4519-130	Center Neck Cap Compression Fitting Assembly 1/8" for 8 and 15L Flasks	1
4519-132	Center Neck Cap Compression Fitting Assembly 1/8" for 36L Flasks	1
4519-134	Center Neck Cap Compression Fitting Assembly 1/4" for 8 and 15L Flasks	1
4519-136	Center Neck Cap Compression Fitting Assembly 1/4" for 36L Flasks	1

Note: For other accessories, visit Corning at [www.corning.com/lifesciences](http://www.corning.com/lifesciences).



#### 4620 PYREX® Brand, Distilling

The sidearm on all sizes, except 125 mL, is approximately 77 mm below the top of the neck at an angle of 75°. Adaptable for use with thermometers calibrated for 76 mm immersion. The sidearm of the 125 mL flask is located approximately 137 mm from the bottom of the flask to meet the requirements of ASTM E-1405 and can be used in ASTM tests D-86, D-233 and D-447. Suitable for microchemical applications.

Cat. No.		Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Sidearm O.D. x Length (mm)	Qty/Pk	Qty/Cs
4620-25	E	25	0	42 x 157	7 x 100	–	1
4620-50	E	50	0	49 x 163	7 x 100	–	1
4620-125*		125	2	69 x 214	7 x 100	6	24
4620-250	E	250	3	86 x 250	9 x 130	4	24
4620-500	E	500	4	102 x 268	9 x 130	–	1
4620-1L	E	1000	5	130 x 321	11 x 180	–	1

\*Heavy duty.

#### 4680 PYREX Brand, Barrett, Distilling

For use in grading benzol, distilled from coal tar by the Koppers process. The side arm is approximately 120 ±3 mm from the bottom of the flask, as required in ASTM E-1405. Can be used in ASTM tests D-850, D-1078 and D-455.



Cat. No.		Capacity (mL)	Stopper Rubber No.	Approx. O.D. x Height (mm)	Sidearm O.D. x Length (mm)	Qty/Pk	Qty/Cs
4680-200		200	3	76 x 179	7 x 100	4	24

Reference: *Journal of Industrial and Engineering Chemistry*, Vol. X, 1918, P. 1006; and Barrett tests E4 and E5.

#### 4720 PYREX Brand, Church, Distilling

For the distillation of bituminous materials suitable for road treatment. Also used in the *Standard Method of Test of the Distillation of Creosote Oil*, American Wood Preservers Association, method 11e, Barrett method C 9, American Association of State Highway Officials, methods T 52 and T 62.



Cat. No.		Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Sidearm O.D. x Length (mm)	Qty/Cs
4720-500	E	500	5	102 x 135	13 x 220	1

#### 4780 PYREX Brand, Engler, Distilling

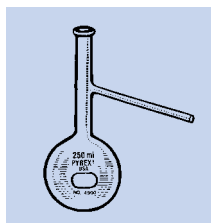
As used in the *Standard Method Test in the Distillation of Gasoline, Naphtha, Kerosene, and similar Petroleum Products*. U.S. Bureau of Mines Technical Paper No. 323B, method 100.13.1.



Cat. No.		Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Sidearm O.D. x Length (mm)	Qty/Pk	Qty/Cs
4780-100	E	100	2	65 x 215	6 x 100	6	24

#### 4900 PYREX Brand, Saybolt, Distilling

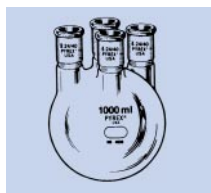
For use according to standard methods in the distillation of gas oils.



Cat. No.		Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Sidearm O.D. x Length (mm)	Qty/Pk	Qty/Cs
4900-250		250	1	86 x 215	6 x 100	6	24

#### 4935 PYREX Brand, Distilling, Four Necks, Vertical Type, Outer ♂ Joints

The three side necks are placed 90° apart.



Cat. No.		Capacity (mL)	Center Neck ♂ Joint	Side Neck ♂ Joint	Approx. O.D. x Height (mm)	Qty/Cs
4935-1L	E	1000	34/45	24/40	130 x 190	1
4935-2L	E	2000	45/50	24/40	162 x 235	1
4935-5L	E	5000	45/50	24/40	221 x 300	1



**4950 PYREX® Brand, Distilling, Three Necks, Vertical Type,  $\text{F}$  24/40 Joints**

The three necks are the same height. Each neck has a  $\text{F}$ 24/40 joint.



Cat. No.	Capacity (mL)	$\text{F}$ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4950-500 E	500	24/40	102 x 160	1	4
4950-1L E	1000	24/40	130 x 185	1	4
4950-2L E	2000	24/40	162 x 215	1	4
4950-3L E	3000	24/40	184 x 240	1	3
4950-5L E	5000	24/40	221 x 275	1	3

**4951 PYREX Brand, Distilling, Three Necks, Vertical Type,  $\text{F}$  29/42 Joints**

The three necks are the same height. Each neck has a  $\text{F}$ 29/42 joint.



Cat. No.	Capacity (mL)	$\text{F}$ Joint	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4951-500 E	500	29/42	102 x 157	1	4
4951-1L E	1000	29/42	130 x 185	1	4

**4960 PYREX Brand, Distilling, Three Necks, Vertical Type,  $\text{F}$  Joints**

With full length  $\text{F}$  joints.



Cat. No.	Capacity (mL)	Center Neck $\text{F}$ Joint	Side Neck $\text{F}$ Joint	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4960-250	250	24/40	24/40	83 x 140	1	4
4960-500 E	500	34/45	24/40	102 x 165	1	4
4960-1L	1000	34/45	24/40	130 x 190	1	4
4960-2L	2000	45/50	24/40	162 x 228	1	4
4960-3L E	3000	45/50	24/40	185 x 250	1	3
4960-5L	5000	45/50	24/40	221 x 300	1	3
4960-12L	12000	55/50	29/42	295 x 385	–	1

**4960A PYREX Brand, Distilling, Three Necks, Vertical Type,  $\text{F}$  Joints**

With full length joints.



Cat. No.	Capacity (mL)	Center Neck $\text{F}$ Joint	Side Neck $\text{F}$ Joint	Approx. O.D. x Height (mm)	Qty/Cs
4960A-500 E	500	29/42	24/40	102 x 160	1
4960A-1L E	1000	29/42	24/40	130 x 185	1
4960A-2L E	2000	29/42	24/40	162 x 217	1

**4963A PYREX Brand, Distilling, Micro, Three Necks, Angle Type,  $\text{F}$  Joints**

Cat. No.	Capacity (mL)	Center Neck $\text{F}$ Joint	Side Neck $\text{F}$ Joint	Approx. O.D. x Height (mm)	Qty/Cs
4963A-25 E	25	14/20	14/20	43 x 71	1
4963A-50 E	50	14/20	14/20	49 x 75	1

**4965 PYREX Brand, Distilling, Three Necks, Angle Type,  $\text{F}$  Joints**

Cat. No.	Capacity (mL)	Center Neck $\text{F}$ Joint	Side Neck $\text{F}$ Joint	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4965-100 E	100	24/40	19/38	65 x 120	1	4
4965-250*	250	24/40	24/40	83 x 140	1	4
4965-500 E	500	34/45	24/40	102 x 160	1	4
4965-1L E	1000	34/45	24/40	130 x 190	1	4

\*The 250 mL flask is also a replacement part for organic chemistry kits Cat. Nos. 6949-6949K.




**4965A PYREX® Brand, Distilling, Three Necks, Angle Type, § Joints**

Cat. No.	Capacity (mL)	§ Joint	Approx. O.D. x Height (mm)	Qty/Cs
4965A-500 E	500	24/40	87 x 156	1
4965A-1L E	1000	24/40	130 x 185	1


**4965B PYREX Brand, Distilling, Three Necks, Angle Type, § Joints**

Cat. No.	Capacity (mL)	§ Joint	Approx. O.D. x Height (mm)	Qty/Cs
4965B-500* E	500	19/22	102 x 138	1
4965B-250 E	250	19/22	83 x 128	1

\*This 500 mL flask is also a replacement part for organic chemistry kits Cat. Nos. 6949-6949K.


**4980 PYREX Brand, Erlenmeyer, Narrow Mouth, Heavy Duty Rim, Graduated**

Approximate graduations are in durable white enamel. An extra large marking space is also provided. Heavy, durable top tooling.

Cat. No.	Capacity (mL)	Rubber Stopper No.	Grad. Range (mL)	Grad. Interval (mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs	
4980-10 E	10	00	5-10	5	31 x 50	–	12	
4980-25	25	0	10-25	5	41 x 65	12	48	
4980-50	50	1	20-50	10	51 x 78	12	48	
4980-125	125	5	50-125	25	67 x 114	12	48	
4980-250	250	6	50-200	25	82 x 132	12	48	
4980-300	300	6	100-300	25	89 x 144	12	48	
4980-500	500	7	100-500	50	101 x 176	6	36	
4980-1L	1000	9	250-1000	50	129 x 216	6	24	
4980-1XL E	1500	9	400-1500	100	149 x 244	–	1	
4980-2L	2000	10	600-1800	200	160 x 268	1	8	
4980-4L	4000	10	1000-4000	500	206 x 360	1	4	
4980-6L	6000	10	1500-6000	500	241 x 410	1	4	
4980-PACK	Assortment Pack						5	1

\*A convenience pack containing one each of the most popular sizes of Cat. No. 4980 flask. Designed for the low volume user, a case contains one each of five sizes; 50 mL, 125 mL, 250 mL, 500 mL, and 1L. Packaged in a partitioned carton for safe transit and storage.

**4985 PYREX Brand, Erlenmeyer, Screw Cap, Graduated**

These Erlenmeyer flasks with phenolic screw caps are ideal for culturing, mixing and storing media. Impact resistant caps are equipped with cemented-in, inert white rubber liners which are resistant to steam sterilization. Flasks are graduated and include marking space.



Cat. No.	Capacity (mL)	G.P.I. Thread Finish	Grad. Range (mL)	Grad. Interval (mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4985-50	50	24-410	20-50	10	50 x 78	12	24
4985-125	125	24-410	50-125	25	68 x 105	12	24
4985-250	250	38-430M	50-200	25	81 x 135	6	24
4985-500	500	38-430M	100-500	50	102 x 186	6	24
4985-1L	1000	38-430M	250-1000	50	128 x 218	6	12

For cap only, see Cat. No. 9999.

**4990 PYREX® Brand, Erlenmeyer, Narrow Mouth, Graduated, Student Grade**



Student grade, economy flask. Uniform wall thickness provides proper balance between mechanical strength and thermal shock resistance. Approximate graduations are in durable enamel. All sizes have a large triangular marking spot.

Cat. No.	Capacity (mL)	Rubber Stopper No.	Grad. Range (mL)	Grad. Interval (mL)	Approx. O.D. x Height (mm)	Qty/Cs
4990-125	125	5	50-125	25	67 x 119	12
4990-250	250	7	50-200	25	82 x 137	12
4990-500	500	8	100-500	50	101 x 183	6
4990-1L	1000	9	250-1000	50	129 x 221	6

**4995 PYREX Brand, Erlenmeyer, Wide-Mouth, Screw Cap, Graduated**



Features a convenient single size plug-seal cap. Wide, 29mm neck opening makes it easy to use larger volume serological pipets. Ideal product for all media prep and storage needs. Can be used as vented culture flask when optional membrane cap is used.

Cat. No.	Description	Approx. O.D. x Height (mm)	Qty/Cs
4995-250 E	Flask	81 x 140	6
4995-500 E	Flask	102 x 185	6
4995-1L E	Flask, 1000 mL	128 x 225	6
4995-2L E	Flask, 2000 mL	160 x 268	1
4995-4L E	Flask, 4000 mL	206 x 335	1
4995-6L E	Flask, 6000 mL	235 x 395	1

For replacement caps, O-Rings or Vented Membrane Cap, see Cat. No. 1395.

**5000 PYREX Brand, Erlenmeyer, Narrow Mouth, § Joint, Graduated**



A range of Erlenmeyer flasks with joints. For convenience, these flasks are graduated to show approximate capacity.

Cat. No.	Capacity (mL)	Joint	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
5000-50 E	50	19/38	48x98	–	1
5000-125	125	24/40	67 x 120	6	12
5000-250	250	24/40	81 x 161	6	12
5000-500*	500	24/40	101 x 198	6	12
5000-1L E	1000	24/40	129 x 233	1	12

\*Reference ASTM E-123.

**5020 PYREX Brand, Erlenmeyer, Narrow Mouth, PYREX § Stopper, Graduated**



For convenience, these flasks are graduated to show approximate capacity. The 25, 50 and 125 mL flasks are satisfactory for use as a weighing bottle.

Cat. No.	Description	Capacity (mL)	Approx. O.D. x Height (mm)	Stopper No.	Qty/Pk	Qty/Cs
5020-25 E	Complete	25	40 x 92	16	6	12
5020-50	Complete	50	48 x 101	19	–	12
5020-125	Complete	125	68 x 136	22	6	12
5020-250	Complete	250	81 x 171	27	6	12
5020-500	Complete	500	101 x 215	32	1	8
5020-1L E	Complete	1000	129 x 241	32	1	6

For stopper only, see Cat. No. 7650.



**55020 PYREX® Brand, Low Actinic, Erlenmeyer, Narrow Mouth, PYREX § Stopper**

Low actinic stained glass provides protection for materials sensitive to light. The protective color is an integral part of the flask, which retains the mechanical strength, chemical stability and thermal resistance of PYREX Brand labware.

Cat. No.	Description	Capacity (mL)	§ Stopper No.	Qty/Cs
55020-250 E	Complete	250	27	1



**5100 PYREX Brand, Erlenmeyer, Heavy Duty Rim, Wide mouth, Graduated**

A wide mouth flask especially recommended for use as a titration flask. For convenience, these flasks are graduated to show the approximate capacity and have an extra large marking spot.

Cat. No.	Capacity (mL)	Rubber Stopper No.	Grad. Range (mL)	Grad. Interval (mL)	Qty/Pk	Qty/Cs
5100-125	125	6	50-125	25	12	48
5100-250	250	8	50-200	25	12	48
5100-500	500	10	100-500	50	6	36
5100-1L	1000	11	250-1000	50	6	24
5100-2L	2000	13	400-1800	100	1	8



**5320 PYREX Brand, Filtering, Heavy Wall, Graduated**

These flasks, without tubulation, are blown in special molds, in shapes designed to give maximum mechanical strength. These flasks are graduated to show their approximate capacity. Marked “Filter Flask” to avoid confusion with similar sizes of Erlenmeyer flasks. All flasks have permanent white enamel graduations and marking spots.

Cat. No.	Capacity (mL)	Grad. Range (mL)	Grad. Interval (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
5320-250	250	75-250	25	6	84 x 146	6	18
5320-500	500	150-500	50	7	106 x 184	6	18
5320-1L	1000	300-1000	50	8	137 x 238	6	12
5320-2L	2000	600-1800	200	9	168 x 292	1	12
5320-4L	4000	1500-3500	500	12	198 x 372	1	6



**5340 PYREX Brand, Filtering, Heavy Wall, Tubulation, Graduated**

These flasks, with tubulation, are blown in special molds, in shapes designed to give maximum mechanical strength. For convenience, the flasks are graduated to show approximate capacity. The neck finish affords an excellent fit for rubber stoppers. Tubulation O.D. on sizes up to 1000 mL is 10mm. Tubulation O.D. for 2000 mL and 4000 mL is 12.5 mm.

Cat. No.	Capacity (mL)	Grad. Range (mL)	Grad. Interval (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
5340-250	250	75-250	25	6	84 x 146	6	18
5340-500	500	150-500	50	7	106 x 184	6	18
5340-1L	1000	300-1000	50	8	137 x 238	6	12
5340-2L	2000	600-1800	200	9	168 x 292	1	12
5340-4L	4000	1500-3500	500	12	198 x 356	1	6

**65340 PYREXPLUS® Brand, Filtering, Heavy Wall, Protective Coating,\* Tubulation, Graduated**



Flask features a protective PVC coating for longer product life and safety. Protective coating helps prevent glass from shattering and reduces spills. Autoclavable (121°C) and resistant to thermal shock. For convenience, the flasks are graduated to show approximate capacity. Tubulation O.D. is 10mm on sizes up thru 1000 mL. Tubulation O.D. is 12.5 mm on 2000 and 4000 mL sizes. The tubulation is not coated to allow easy connection of standard size tubing.

Cat. No.	Capacity (mL)	Grad. Range (mL)	Grad. Interval (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
65340-250 E	250	75-250	25	6	84 x 146	2	6
65340-500	500	150-500	50	7	106 x 184	–	6
65340-1L	1000	300-1000	50	8	137 x 238	–	6
65340-2L	2000	600-1800	200	9	168 x 292	1	4
65340-4L	4000	1500-3500	500	12	198 x 356	1	2

Do not place over direct heat or flame. Do not heat above 121°C moist heat or 110°C dry heat.  
\*Covered by U.S. Patent #4940613.

**5341 PYREX® Brand, Filtering, Heavy Wall, Replaceable Tubulations**



This filtering flask is a standard PYREX Brand heavy wall filtering flask into which is seated a bent, poly tubulation in a grommet. Should the flask be upset, the grommet acts as a shock absorber. All flasks have permanent white enamel graduations and marking spots. The tubulation O.D. is 12.5 mm.

Cat. No.	Description	Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
5341-250	Complete	250	6	84 x 146	–	1
5341-500 E	Complete	500	7	106 x 184	–	1
5341-1L E	Complete	1000	8	137 x 238	6	12
5341-2L E	Complete	2000	9	168 x 292	1	6
5341-4L	Complete	4000	12	198 x 356	1	4
5341-PTO E	Poly Tubulation with Grommet	–	–	–	–	6

**5342 PYREX Brand, Filtering, Heavy Wall, Graduated, Quick-Release Hose Connector**



This filtering flask is a standard PYREX brand heavy wall filtering flask with a quick-release connector designed to accommodate 1/4" ID tubing, not included. For convenience, the flasks are graduated to show approximate capacity.

Cat. No.	Capacity (mL)	Grad. Range (mL)	Grad. Interval (mL)	Approx. O.D. x Height (mm)	Stopper No.	Qty/Pk	Qty/Cs
5342-250	250	75-250	25	84 x 146	6	6	18
5342-500	500	150-500	50	106 x 184	7	6	18
5342-1L	1000	300-1000	50	137 x 238	8	6	12
5342-2L	2000	600-1800	200	168 x 292	9	1	6
5342-4L	4000	1500-3500	500	198 x 356	12	1	6

**5360 PYREX® Brand, Filtering, Micro, Tubulation**

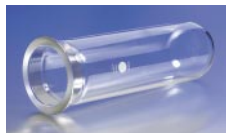
These small filtering flasks are recommended for microchemical use. All flasks have permanent white enamel marking spots.



Cat. No.	Capacity (mL)	Tubl. O.D. (mm)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
5360-25	25	8	3	40 x 75	6	18
5360-50	50	8	4	51 x 85	6	18
5360-125	125	10	5	70 x 110	6	18

**5370 PYREX Brand, Flask Body, Reaction, Cylindrical**

Flask has an inside diameter of 4 inches (approx. 100 mm) and round bottom. Upper end is tooled to obtain a thickened portion and flat top. Top is finely ground to provide for a leak-resistant fit with cover Cat. No. 5390.



Cat. No.	Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Cs
5370-500 E	500	135 x 118	1
5370-1L E	1000	135 x 175	1
5370-1XL E	1500	135 x 205	1
5370-2L E	2000	135 x 285	1
5370-3L E	3000	135 x 400	1

**5380 PYREX Brand, Flask Body, Reaction, Spherical**

Flask has a spherical body and a neck portion that has an inside diameter of 4 inches. Upper end of neck is tooled to obtain a thickened portion and flat top. Top is finely ground to provide for a leak-resistant fit with cover Cat. No. 5390



Cat. No.	Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Cs
5380-2L E	2000	160 x 230	1
5380-3L E	3000	185 x 255	1
5380-5L E	5000	220 x 290	1
5380-12L E	12000	295 x 365	1
5380-22L E	22000	350 x 420	1
5380-50L E	50000	460 x 530	1

**5390 PYREX Brand, Cover, Reaction Flask, Three Neck, ⌘ Joints**

Cover for flask Cat. Nos. 5370 and 5380. Center neck and two side necks are 180° apart. All necks have full length ⌘ outer joint. The inside diameter at bottom cover is 4 inches, and this end is tooled to obtain a thickened outwardly tapered portion with flat bottom. Bottom is finely ground for a leak-resistant fit with a flask.



Cat. No.	Center Neck ⌘ Joint	Side Neck ⌘ Joint	Approx. O.D. x Height (mm)	Qty/Cs
5390-2424 E	24/40	24/40	135 x 115	1
5390-2924 E	29/42	24/40	135 x 125	1
5390-2929 E	29/42	29/42	35 x 125	1

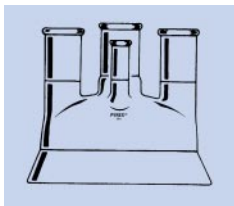




### 5392 PYREX® Brand, Cover, Reaction Flask, Four Neck, § Joints

Cover for flask Cat. Nos. 5370 and 5380. Center neck and three side necks are 120° apart. All four necks have full length § outer joints. The bottom of cover is similar to Cat. No. 5390 with inside diameter of 4 inches (approx. 100 mm), and finished for strong leak-resistant fit with a flask.

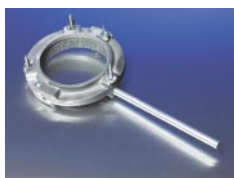
Cat. No.	Center Neck § Joint	Side Neck § Joint	Approx. O.D. x Height (mm)	Qty/Cs
5392-2424 E	24/40	24/40	135 x 125	1
5392-2924 E	29/42	24/40	135 x 130	1
5392-2929 E	29/42	29/42	135 x 120	1



### 5394 PYREX Brand, Cover, Reaction Flask, Four Neck, § Joints

Cover for flask Nos. 5370 and 5380. Center neck and three side necks, all with full length § outer joint. Two of the side necks are 180° apart, while the third one, with a § 10/30 joint, is equidistant from the other two. The bottom cover has inside diameter of 4 inches (approx. 100 mm), and has a tooled portion at the end to obtain a thickened outwardly tapered finish with finely ground flat bottom.

Cat. No.	Center Neck § Joint	Two Side Neck § Joint	Approx. O.D. x Height (mm)	Qty/Cs
5394-2424 E	24/40	24/40	135 x 125	1
5394-2924 E	29/42	24/40	135 x 125	1
5394-2929 E	29/42	29/42	135 x 125	1



### 5398 PYREX Brand, Clamp, Reaction Flask

For use with any combination of flask body and cover, Cat. Nos. 5370 and 5380. Clamp is made of aluminum, designed to allow the clamp to be removed without disturbing either cover or body of reaction flask. Lower half has an extension bar for clamping to a suitable supporting stand or lattice framework.

Cat. No.	Qty/Cs
5398-C E	1



### 5400 PYREX Brand, Iodine Determination, Pyrex § Stopper

PYREX brand iodine determination flasks are blown in specially designed molds, thereby insuring uniformity and proper contour. The stopper projects above the liquid seal trough to facilitate removal.

Cat. No.	Capacity (mL)	§ Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
5400-125	125	22	66 x 146	6	12
5400-250	250	22	81 x 184	1	8
5400-500	500	22	101 x 220	–	6

Reference: ASTM D-29 and D-555. See Cat. No. 7640N for stopper only.

**5420 PYREX® Brand, Kjeldahl, Round Bottom, Long Neck**

Of all the common laboratory test methods, the Kjeldahl method for determining nitrogen subjects the boiling flask to the most severe thermal and chemical abuse. These Kjeldahl flasks, specially styled, have tooled finished necks for extra strength and uniform stopper fit. Wall thickness is controlled to offer the optimum balance between thermal shock and chemical resistance. Can be used in ASTM E-258 procedure. Care must be taken to ensure the bottoms of the flasks do not come in contact with the heating elements. Most Kjeldahl equipment manufacturers have ring supports for this purpose.

Cat. No.	Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
5420-100	100	2	55 x 210	6	24
5420-300 E	300	5	79 x 298	6	24
5420-500 E	500	6	101 x 324	6	24
5420-800	800	7	117 x 365	6	18

Reference: ASTM E-1377.

**5440 PYREX Brand, Kjeldahl, Micro, Round Bottom, Long Neck**

Flask, without tooled neck, is suitable for multiple micro digestions. Care must be taken to ensure the bottoms of the flasks do not come in contact with the heating elements. Most Kjeldahl equipment manufacturers have ring supports for this purpose.

Cat. No.	Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
5440-30 E	30	0	40 x 180	6	18

Reference: ASTM E-147.

**5580 PYREX Brand, Volumetric, Class A, Snap-Cap**

The strength of these flasks has been increased appreciably through machine-blown bodies to which are sealed heavy-beaded, heavy-tubing necks, tooled for snap-cap fit. The graduation line is sharp and permanent and large white block letters make the inscription easy to read. The 1mL and 2mL sizes are test tube shaped. The 10 mL through 2000 mL sizes are supplied with snap-caps.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Snap-Cap No.	Qty/Pk	Qty/Cs
5580-1* E	1	0.01	10 x 55	—	6	12
5580-2* E	2	0.015	9 x 85	—	6	12
5580-10	10	0.02	28 x 78	10	—	12
5580-25	25	0.03	40 x 100	25	6	12
5580-50	50	0.05	51 x 130	50	6	12
5580-100	100	0.08	60 x 160	100	6	12
5580-200	200	0.10	74 x 198	200	6	12
5580-250	250	0.12	78 x 225	250	6	12
5580-500	500	0.20	100 x 259	500	6	12
5580-1L	1000	0.30	125 x 310	1000	1	6
5580-2L	2000	0.50	158 x 357	2000	1	4

\*No snap-caps for 1mL and 2mL sizes.  
For snap-caps only, see Cat. No. 7666.

**5581 PYREX® Brand, Volumetric, Student Grade, Snap-Cap**

These student grade, economy flasks are designed for use in schools that do not require the precision accuracy of our Class A capacity flasks. The shape, body and wall are the same as regular flasks but display the large triangular marking spot and designation “Student Flask” unique to the student line. Capacity tolerances are twice those specified for Class A volumetric ware. The graduation line is sharp and permanent; large white block letters make inscriptions easy to read. Snap-caps are supplied with all sizes.

Cat. No.	Capacity (mL)	Tolerance (± mL)	Approx. O.D. x Height (mm)	Snap Cap No.	Qty/Pk	Qty/Cs
5581-10	10	0.04	28 x 78	10	–	12
5581-25	25	0.06	40 x 100	25	6	12
5581-50	50	0.10	51 x 130	50	6	12
5581-100	100	0.16	60 x 160	100	6	12
5581-250	250	0.24	78 x 225	250	6	12
5581-500	500	0.40	100 x 259	500	6	12
5581-1L	1000	0.60	125 x 310	1000	1	6
5581-2L	2000	1.0	158 x 357	2000	1	4

\*For snap-caps only, see Cat. No. 7666.

**5600 PYREX Brand, Lifetime Red™, Volumetric, Class A, Snap-Cap, Graduated, Calibrated “To Contain”**

The capacity mark is a fine line etched through a narrow red band into clear glass, making a filler unnecessary and giving high legibility, accuracy, and permanence. Snap-caps supplied with all sizes.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Snap-Cap No.	Qty/Pk	Qty/Cs
5600-25 E	25	0.03	40 x 100	25	6	12
5600-50	50	0.05	51 x 130	50	6	12
5600-100	100	0.08	60 x 160	100	6	12
5600-200	200	0.10	74 x 198	200	6	12
5600-250	250	0.12	78 x 225	250	6	12
5600-500	500	0.20	100 x 259	500	6	12
5600-1L	1000	0.30	125 x 310	1000	1	6
5600-2L	2000	0.50	158 x 357	2000	1	4

See Cat. No. 7666 for snap cap.

**5630 PYREX Brand, Volumetric, Class A, Micro, Hexagonal Base, PYREX § Stopper**

Volumetric flasks for microchemical work, sizes 1 through 5 mL, are designed in accordance with the recommendations of the Committee of Microchemical Apparatus, Analytical Division of the A.C.S. To improve the stability of this small flask, a hexagonal base, similar to those on all cylinders, has been added. The graduation line is sharp and permanent. The white markings are easy to read.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D x Height (mm)	§ Stopper No.	Qty/Pk	Qty/Cs
5630-1	1	0.01	8 x 68	8	–	12
5630-2	2	0.015	12 x 71	8	–	12
5630-5	5	0.02	17 x 80	8	–	12
5630-10	10	0.02	20 x 105	9	–	12
5630-25	25	0.03	29 x 132	9	6	12

For stoppers only, see Cat. No. 7650.  
Reference: ASTM E-237.

### 5631 PYREX® Brand, Volumetric, Class A, Corning Certified and Serialized, Micro, PYREX Stopper



Calibrated to Class A Tolerance and individually serialized and supplied with a Certificate of Identification and Capacity. To improve the stability of this flask, a hexagonal base has been added. The graduation line is sharp and permanent and the white markings are easy to read. Each flask features a PYREX stopper.

Cat. No.	Capacity (mL)	Tol. ( $\pm$ mL)	Approx. O.D x Height (mm)	§ Stopper No.	Qty/Cs
5631-1	1	0.01	8 x 68	8	6
5631-2	2	.015	12 x 71	8	6
5631-5	5	0.02	17 x 80	8	6
5631-10	10	0.02	20 x 105	9	6
5631-25	25	0.03	29 x 132	9	6

For stoppers only, see Cat. No. 7650.

### 5635 PYREX Brand, Flask, Volumetric, Class A, Wide Mouth, Heavy Duty, PYREX § Stopper



Designed for microchemical work. The heavy duty, wide mouth facilitates filling and mixing. Easy to read graduation line is sharp and permanent. Supplied with interchangeable standard taper ground glass stoppers.

Cat. No.	Capacity (mL)	Approx. O.D. x Height (mm)	§ Stopper No.	Qty/Cs
5635-10	10	48 x 135	13	6
5635-25	25	40 x 100	13	6
5635-50	50	51 x 130	13	6
5635-100	100	66 x 160	16	6
5635-200	200	72 x 170	19	6
5635-250	250	87 x 180	19	6

For replacement stopper only, see Cat. No. 7650-13.

### 55635 PYREX Brand, Low Actinic, Volumetric, Class A, Wide Mouth, Heavy Duty, PYREX Stopper

Low actinic stained glass provides protection for materials sensitive to light. The protective color is an integral part of the flask, which retains the mechanical strength, chemical stability and thermal resistance of the PYREX brand labware. The heavy duty, wide mouth accommodates pipet filling and mixing. Easy to read graduation line is sharp and permanent. Designed for microchemical work and calibrated to Class A Tolerance. Each flask features a PYREX stopper.

Cat. No.	Capacity (mL)	Approx. O.D. x Height (mm)	§ Stopper No.	Qty/Cs
55635-25	25	40 x 100	13	6
55635-50	50	51 x 130	13	6
55635-100	100	65 x 160	16	6
55635-250	250	85 x 180	19	6

For stoppers only, see Cat. No. 7650.



### 5640 PYREX® Brand, Volumetric, Class A, PYREX § Stopper

The strength of these flasks has been increased appreciably through machine-blown bodies to which are sealed heavy-tubing necks tooled for § glass stoppers. The graduation line is sharp and permanent and large white block letters make the inscription easy to read. The 1 mL and 2 mL sizes are test tube shaped. Sizes 3L thru 6L have pennyhead § stoppers.

Cat. No.	Description	Capacity (± mL)	Tol. (mL)	Approx. O.D. x Height (mm)	§ Stopper No.	Qty/ Pk	Qty/ Cs
5640-1	Complete	1	0.01	9 x 79	8	–	12
5640-2	Complete	2	0.015	9 x 114	8	–	12
5640-5	Complete	5	0.02	26 x 91	8	–	12
5640-10	Complete	10	0.02	28 x 99	9	–	12
5640-25	Complete	25	0.03	40 x 121	9	6	12
5640-50	Complete	50	0.05	51 x 151	9	6	12
5640-100	Complete	100	0.08	60 x 181	13	6	12
5640-200	Complete	200	0.10	74 x 214	13	6	12
5640-250	Complete	250	0.12	78 x 252	16	6	12
5640-500	Complete	500	0.20	100 x 287	19	6	12
5640-1L	Complete	1000	0.30	125 x 342	22	1	6
5640-2L	Complete	2000	0.50	158 x 388	27	1	4
5640-3L	E Complete	3000	1.0	180 x 440	32	–	1
5640-4L	E Complete	4000	1.0	205 x 480	38	–	1
5640-5L	E Complete	5000	1.5	225 x 510	38	–	1
5640-6L	E Complete	6000	2.0	230 x 550	38	–	1
5640-10FO	Flask only	10	–	–	–	–	12
5640-25FO	E Flask only	25	–	–	–	–	1
5640-50FO	E Flask only	50	–	–	–	–	1
5640-100FO	Flask only	100	–	–	–	–	12
5640-200FO	E Flask only	200	–	–	–	–	1
5640-250FO	E Flask only	250	–	–	–	–	1
5640-500FO	E Flask only	500	–	–	–	–	1
5640-1LFO	E Flask only	1000	–	–	–	–	1

For stopper only on sizes 1 mL thru 2L, see Cat. No. 7650; for sizes 3L thru 6L, see Cat. No. 7660.

### 55640 PYREX Brand, Low Actinic, Volumetric, Class A, PYREX § Stopper

Low actinic stained glass provides protection for materials sensitive to light. The protective color is an integral part of the flask, which retains the mechanical strength, chemical stability and thermal resistance of PYREX Brand labware.



Cat. No.		Capacity (mL)	Tol. ± (mL)	Approx. O.D. x Height (mm)	§ Stopper No.	Qty/Pk	Qty/Cs
55640-10		10	0.02	28 x 99	9	–	12
55640-25		25	0.03	40 x 121	9	6	12
55640-50		50	0.05	51 x 151	9	6	12
55640-100		100	0.08	60 x 181	13	6	12
55640-500	E	500	0.20	100 x 287	19	–	1
55640-1L	E	1000	0.30	125 x 342	22	–	1



**65640 PYREXPLUS® Brand, Volumetric, Class A, Protective Coating\*, PYREX® § Stopper**

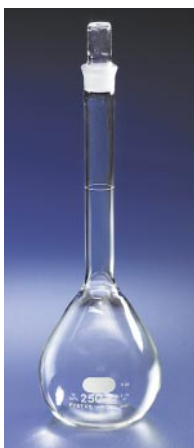


Flask features a protective PVC coating for longer product life and safety. Protective coating helps prevent glass from shattering and reduces spills. Autoclavable (121°C) and resistant to thermal shock. The graduation mark is easy to read. Supplied with § PYREX stopper.

Cat. No.	Description	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	§ Stopper No.	Qty/Pk	Qty/Cs
65640-100 E	Complete	100	0.08	60 x 181	13	6	12
65640-200 E	Complete	200	0.10	74 x 214	13	6	12
65640-250 E	Complete	250	0.12	78 x 252	16	6	12
65640-500 E	Complete	500	0.20	100 x 287	19	6	12
65640-1L E	Complete	1000	0.30	125 x 342	22	1	4
65640-2L E	Complete	2000	0.50	158 x 388	27	1	2

For stopper only, see Cat. No. 7650. Do not place over direct heat or flame. Do not heat above 121°C moist heat or 110°C dry heat. \*Covered by U.S. Patent #4940613.

**5641 PYREX® Brand, Volumetric, PYREX § Stopper**



Economy flasks designed for those that do not require the precision accuracy of our Class A capacity flasks. Capacity tolerances are twice those specified for Class A volumetric ware. The graduation line is sharp and permanent; large white block letters make inscriptions easy to read. Supplied with interchangeable § ground glass stoppers.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	§ Stopper No.	Qty/Pk	Qty/Cs
5641-10	10	0.04	28 x 99	9	–	12
5641-25	25	0.06	40 x 121	9	6	12
5641-50	50	0.10	51 x 151	9	6	12
5641-100	100	0.16	60 x 181	13	6	12
5641-200	200	0.20	74 x 214	13	6	12
5641-250	250	0.24	78 x 252	16	6	12
5641-500	500	0.40	100 x 287	19	6	12
5641-1L	1000	0.60	125 x 342	22	1	6
5641-2L E	2000	1.0	158 x 388	27	1	4

For stopper only, see Cat. No. 7650.

**5642 PYREX Brand, Volumetric, Class A, Polyethylene Stopper**



The strength of these flasks has been increased appreciably through machine-blown bodies to which are sealed heavy-beaded, heavy-tubing necks, tooled for polyethylene stopper. The stopper is made with a closed bottom and is of linear high density polyethylene to conform to § stopper dimensions. The graduation line is sharp and permanent and large white block letters make the inscription easy to read. The 2 mL size is test tube shaped.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	§ Stopper No.	Qty/Pk	Qty/Cs
5642-5 E	5	0.02	26 x 91	8	–	1
5642-10	10	0.02	28 x 99	9	–	12
5642-25	25	0.03	40 x 121	9	6	12
5642-50	50	0.05	51 x 151	9	6	12
5642-100	100	0.08	60 x 181	13	6	12
5642-200	200	0.10	74 x 214	13	6	12
5642-250	250	0.12	78 x 252	16	6	12
5642-500	500	0.20	100 x 287	19	6	12
5642-1L	1000	0.30	125 x 342	22	1	6
5642-2L	2000	0.50	158 x 388	27	1	4

For stopper only, see Cat. No. 7624.

### 5644 PYREX® Brand, Volumetric, Class A, PTFE Stopper



The strength of the flasks have been significantly increased through machine-blown bodies, which are sealed to heavy-tubing necks. The graduation line is sharp and permanent. Large white block letters make the inscription easy to read. Supplied with PTFE color-coded, keyhole stoppers.

Cat. No.	Capacity (mL)	Tol. ( $\pm$ mL)	Approx. O.D. x Height (mm)	§ Stopper No.	Qty/Pk	Qty/Cs
5644-2	2	0.015	9 x 114	8	–	12
5644-5	5	0.02	26 x 91	8	–	12
5644-10	10	0.02	28 x 99	9	–	12
5644-25	25	0.03	40 x 121	9	6	12
5644-50	50	0.05	51 x 151	9	6	12
5644-100	100	0.08	59 x 181	13	6	12
5644-200	200	0.10	74 x 219	13	6	12
5644-250	250	0.12	78 x 252	16	6	12
5644-500	500	0.20	100 x 287	19	6	12
5644-1L	1000	0.30	125 x 342	22	1	6
5644-2L	2000	0.50	158 x 388	27	1	4

For stoppers only, see Cat. No. 7630.

New!

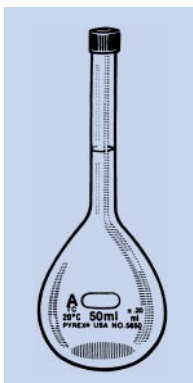


### 5646 PYREX® Brand, Volumetric, VERIFIED Class A, Polyethylene and § Glass Stoppers

These volumetric flasks exceed the current standard (ASTM E-542) for manufacturing volumetric flasks, because each individual flask is verified to meet the Class A volumetric tolerances in ASTM E-288. Each flask is also labeled with a lot number, enabling you to access a Certificate of Analysis with lot-specific data regarding both measurements and methods, trace your glassware, and track usage. All Flasks are provided with both a polyethylene and § PYREX glass stopper.

Cat. No.	Capacity (mL)	Tol. ( $\pm$ mL)	Approx. O.D. x Height (mm)	§ Stopper No.	Qty/Pk	Qty/Cs
5646-5	5	0.02	26 x 91	8	1	12
5646-10	10	0.02	28 x 99	9	1	12
5646-25	25	0.03	40 x 121	9	2	12
5646-50	50	0.05	51 x 151	9	2	12
5646-100	100	0.08	60 x 181	13	2	12
5646-200	200	0.10	74 x 214	13	2	12
5646-250	250	0.12	78 x 252	16	2	12
5646-500	500	0.20	100 x 287	19	2	12
5646-1L	1000	0.30	125 x 342	22	6	6
5646-2L	2000	0.50	158 x 388	27	4	4

### 5650 PYREX® Brand, Volumetric, Class A, Screw Cap



These PYREX volumetric flasks conform to Class A capacity tolerances prescribed by ASTM. To facilitate transfer of crystals, salts, and powders, the open end has been expanded on the 25 mL and 50 mL sizes. The standard 18-410 G.P.I. thread screw caps have a durable cone-shaped polyethylene liner.

Cat. No.	Description	Capacity (mL)	Tol. ( $\pm$ mL)	Approx. O.D. x Height (mm)	G.P.I. Thread Finish	Qty/Pk	Qty/Cs
5650-25	Complete	25	0.03	40 x 100	18-410	2	12
5650-50	Complete	50	0.03	40 x 100	18-410	2	12
5650-100	Complete	100	0.03	40 x 100	18-410	2	12
5650-18CO	Cap only	–	–	–	18-410	1	12

### 5655 PYREX EZ Access™ Volumetric Screw Cap Flasks - 5655 Series



These heavy walled volumetric flasks are designed for extra durability and ease of use. The wide funnel-like screw top plus the wide neck design allows for easy filling and mixing of various materials into solution. This extra wide neck also allows access to larger capacity pipets. For added convenience, one size of the GL-32 chemical resistant, high temperature screw cap fits all flasks. This threaded cap with PTFE liner provides for a secure closure for leak proof storage of solutions. An additional extra large volume size is permanently screened onto the flask body for easy volume identification.

These flasks are calibrated “to contain” and designed to meet Class A, ASTM tolerances for volumetrics. They are Lot Traceable\* with certificates of compliance available in print: click on left navigational bar - contact us, then click on certificate of compliance.

Accessories include replacement GL-32 caps and GL-32HTSC caps for use with Septa.

\*Lot traceable information includes the date that the flask was fabricated, decorated, calibrated, and packed.

Note: Other available caps are Cat. No.s 1395-32HTC, 1395-32HTSC, 1395-32SS and 1395-32TS.

Cat. No.	Description	Capacity (mL)	Tol. (± mL)	Approx. Thread Size	O.D. x Height (mm)	Qty/Cs
5655-50	Class A, Heavy Duty, Screw Cap, Funnel Top	50	0.05	GL-32	48 x 135	1
5655-100	Class A, Heavy Duty, Screw Cap, Funnel Top	100	0.08	GL-32	64 x 180	1
5655-200	Class A, Heavy Duty, Screw Cap, Funnel Top	200	0.10	GL-32	76 x 225	1
5655-250	Class A, Heavy Duty, Screw Cap, Funnel Top	250	0.12	GL-32	86 x 225	1
5655-500	Class A, Heavy Duty, Screw Cap, Funnel Top	500	0.20	GL-32	102 x 260	1
5655-1L	Class A, Heavy Duty, Screw Cap, Funnel Top	1000	0.30	GL-32	132 x 315	1

### 5660 PYREX® Brand, Lifetime Red™, Volumetric, Class A, PYREX § Stopper



The capacity mark is a fine line etched through a narrow red band into clear glass, making a filler unnecessary and giving high legibility, accuracy and permanence. With § stopper. Calibrated “to contain.”

Cat. No.	Description	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	§ Stopper No.	Qty/Pk	Qty/Cs
5660-25	Complete	25	0.03	40 x 122	9	6	12
5660-50	Complete	50	0.05	51 x 152	9	6	12
5660-100	Complete	100	0.08	60 x 182	13	6	12
5660-200	Complete	200	0.10	74 x 214	13	6	12
5660-250	Complete	250	0.12	78 x 253	16	6	12
5660-500	Complete	500	0.20	100 x 289	19	6	12
5660-1L	Complete	1000	0.30	125 x 344	22	1	6
5660-2L	Complete	2000	0.50	158 x 309	27	1	4

For stopper only, see Cat. No. 7650.

### 5670 PYREX Brand, Volumetric, Class A, Square, PTFE Stopper



The square design flasks have a width less than the widest diameter of the usual round flasks. Square flasks are easier to handle, require less space (15 to 20%) on the shelf and are ideal for sampling and storage. The graduation line is sharp and permanent and calibrated “To Contain.” Large white block letters make the inscription easy to read. Each flask features a PTFE stopper.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Stopper No.	Qty/Cs
5670-200	200	0.10	55 x 230	13	1
5670-250	250	0.12	58 x 242	16	1
5670-500	500	0.20	72 x 300	19	1
5670-1L	1000	0.30	86 x 350	22	1
5670-2L	2000	0.50	110 x 410	27	1

For stopper only, see No. 7630



**5671 PYREX Brand, Volumetric, Class A, TC/TD, Square, PTFE Stopper**

Like the 5670 flask but Calibrated “To Contain” and “To Deliver.” The graduation lines are sharp and permanent with large white block letters make the inscription easy to read. Flask is supplied with a PTFE stopper.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Stopper No.	Qty/Cs
5671-900	900	0.30	86 x 330	22	1

For stopper only, see Cat. No. 7630.



**5680 PYREX® Brand, Volumetric, Class A, Corning Certified and Serialized, PYREX § Stopper**

Calibrated to Class A tolerances in accordance with ASTM E-542 and E-288. Each flask is individually serialized and supplied with a Certificate of Identification and Capacity, traceable to NIST standards. The graduation line is sharp and permanent and large white block letters make the inscription easy to read. Supplied with a § stopper.

Cat. No.	Description	Capacity (mL)	Tolerance (± mL)	Approx. O.D. x Height (mm)	§ Stopper No.	Qty/Cs
5680-10 E	Complete	10	0.02	28 x 99	9	1
5680-25 E	Complete	25	0.03	40 x 122	9	1
5680-50 E	Complete	50	0.05	51 x 152	9	1
5680-100 E	Complete	100	0.08	60 x 182	13	1
5680-200 E	Complete	200	0.10	74 x 214	13	1
5680-250 E	Complete	250	0.12	78 x 253	16	1
5680-500 E	Complete	500	0.20	100 x 288	19	1
5680-1L E	Complete	1000	0.30	125 x 344	22	1
5680-2L E	Complete	2000	0.50	158 x 390	27	1

For stopper only, see Cat. No. 7650.



**55680 PYREX® Brand, Low Actinic, Volumetric, Class A, Corning Certified and Serialized, PYREX § Stopper**

Calibrated to Class A tolerances in accordance with ASTM E-542 and E-288. Each flask is individually serialized and supplied with a Certificate of Identification and Capacity, traceable to NIST standards. The graduation line is sharp and permanent and large white block letters make the inscription easy to read. Supplied with a § stopper. Low actinic stained glass provides protection for materials sensitive to light. The protective color is an integral part of the flask, which retains the mechanical strength, chemical stability, and the thermal resistance of PYREX brand labware.

Cat. No.	Description	Capacity (mL)	Tolerance (± mL)	Approx. O.D. x Height (mm)	§ Stopper No.	Qty/Cs
55680-10 E	Complete	10	0.02	28 x 99	9	1
55680-25 E	Complete	25	0.03	40 x 122	9	1
55680-50 E	Complete	50	0.05	51 x 152	9	1
55680-100 E	Complete	100	0.08	60 x 182	13	1
55680-200 E	Complete	200	0.10	74 x 214	13	1
55680-250 E	Complete	250	0.12	78 x 253	16	1
55680-500 E	Complete	500	0.20	100 x 288	19	1
55680-1L E	Complete	1000	0.30	125 x 344	22	1
55680-2L E	Complete	2000	0.50	158 x 390	27	1



### 5780 PYREX Brand, Kohlrausch, Volumetric, Class A

With an enlarged neck, 200-mL size conforms to ASTM D-1665 requirements.

Cat. No.	Capacity (mL)	Tol. ( $\pm$ mL)	Approx. O.D. x Height (mm)	Qty/Cs
5780-100	100	0.08	59 x 160	1
5780-200	200	0.10	74 x 200	1



### 5820 PYREX Brand, Class A, Mixing Volumetric Flask

The upper bulb, located between the stopper and the capacity graduation is approximately one-tenth the flask rated capacity. The 2L size upper bulb is only one-twentieth capacity. The additional bulb assists in the mixing of liquids or powders when shaken.

Cat. No.	Capacity (mL)	Tol. $\pm$ (mL)	Approx. O.D. x Height (mm)	‡ Stopper No.	Qty/Pk	Qty/Cs
5820-50 E	50	0.05	48 x 155	9	–	1
5820-100 E	100	0.08	60 x 185	13	6	12
5820-250 E	250	0.12	78 x 256	16	–	1
5820-500 E	500	0.20	100 x 322	19	–	1
5820-1L E	1000	0.30	125 x 323	22	1	6
5820-2L E	2000	0.50	158 x 397	27	–	1

For stopper only, see Cat. No. 7650.



### 5840 PYREX Brand, Volumetric, Phosphoric Acid, Wide Neck

For use in determining phosphoric acid in mixed fertilizer. Of heavy construction throughout and with a wide neck.

Cat. No.	Capacity (mL)	Tol. ( $\pm$ mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
5840-200	200	0.18	74 x 152	6	12
5840-250	250	0.18	78 x 170	6	12



### 5860 PYREX Brand, Volumetric, Class A, Viscosimeter

Of rugged mold blown construction, the flask is calibrated in accordance with ASTM specifications. *U.S. Bureau of Mines Technical Paper 323B, No. 30.41; A.A.S.H.O. No. T 72; and Gas Chemists Handbook, third edition, page 538. Reference: ASTM D-88 and E-102.*

Cat. No.	Capacity (mL)	Tol. ( $\pm$ mL)	Approx. O.D. x Height (mm)	Qty/Cs
5860-60	60	0.05	53 x 91	12



## FUNNELS, SEPARATORY

**6060 PYREX® Brand, Buchner, Perforated Plate**

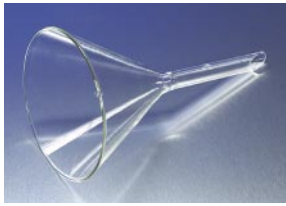
These funnels are suitable for vacuum filtration; however, the translucent plate should not be subjected to a pressure differential in excess of 1 atmosphere. The clear glass bodies afford visual examination during use and cleaning. The size number indicates filter paper diameters in millimeters. 10 mm stem O.D.

Cat. No.		Approx. Size (mm)	Approx. Height Above Plate (mm)	Approx. Total Height (mm)	Stem O.D. x Height (mm)	Qty/Pk	Qty/Cs
6060-42X	E	42.5	50	150	10 x 75	1	6
6060-55	E	55.0	50	154	15 x 75	1	6
6060-90	E	90.0	90	240	20 x 100	–	1

**36060 PYREX Brand, Buchner, with Fritted Disc**

These funnels are especially useful where filter paper would be attacked by the material being filtered. The disc should not be subjected to pressure differential in excess of 1 atmosphere. The top edge is beaded.

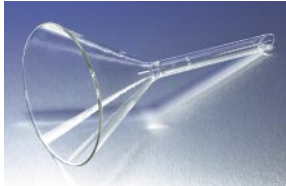
Cat. No.		Capacity (mL) and Porosity	Diam. of Disc (mm)	Approx. Height Above Disc (mm)	Approx. Stem Length x O.D. mm	Approx. Total Height (mm)	Qty/Pk	Qty/Cs
36060-2C	E	2C	10	30	31 x 7	70	1	9
36060-2F	E	2F	10	30	31 x 7	70	–	1
36060-2M	E	2M	10	30	31 x 7	70	1	9
36060-15C		15C	20	47	75 x 8	136	–	6
36060-15F	E	15F	20	47	75 x 8	136	3	6
36060-15M		15M	20	47	75 x 8	136	–	6
36060-30C		30C	30	47	75 x 8	139	–	6
36060-30F		30F	30	47	75 x 8	139	–	6
36060-30M		30M	30	47	75 x 8	139	–	6
36060-60C		60C	40	58	75 x 10	160	–	6
36060-60F		60F	40	58	75 x 10	160	–	6
36060-60M		60M	40	58	75 x 10	160	–	6
36060-150C		150C	60	50	75 x 15	154	–	4
36060-150F		150F	60	50	75 x 15	154	–	4
36060-150M		150M	60	50	75 x 15	154	–	4
36060-350C		350C	80	75	75 x 20	180	–	3
36060-350F		350F	80	75	75 x 20	180	–	3
36060-350M		350M	80	75	75 x 20	180	–	3
36060-600C		600C	90	90	100 x 20	229	–	3
36060-600F	E	600F	90	90	100 x 20	229	–	1
36060-600M		600M	90	90	100 x 20	229	–	3
36060-2LC		2000C	127	165	110 x 25	330	–	2
36060-2LF	E	2000F	127	165	110 x 25	330	–	1
36060-2LM		2000M	127	165	110 x 25	330	–	2
36060-3LC		3000C	152	175	110 x 25	355	–	1
36060-3LF	E	3000F	152	175	110 x 25	355	–	1
36060-3LM		3000M	152	175	110 x 25	355	–	1



**6100 PYREX® Brand, Plain 60° Angle, Long Stem, Large Size**

Stems are approximately 15 mm O.D. by 150 mm (6") long.

Cat. No.	Approx. Top Inside Dia. (mm)	Approx. Length (mm)	Qty/Pk	Qty/Cs
6100-5 E	122	250	6	12
6100-6	147	272	6	12



**6120 PYREX Brand, Plain 60° Angle, Short Stem, Large Size**

Stems are approximately 15 mm O.D. by 100 mm (4") long.

Cat. No.	Approx. Top Inside Diam. (mm)	Approx. Length (mm)	Qty/Pk	Qty/Cs
6120-5	122	199	6	12
6120-6	147	228	6	12



**6140 PYREX Brand, Plain 60° Angle, Long Stem**

These funnels have a beaded edge for strength. They are fabricated from blanks formed to a 60° angle, which permits accurate fitting of the filter paper, thus reducing filtering time. The stems are made of heavy wall tubing approximately 150 mm (6") long.

Cat. No.	Approx. Top Inside Diam. (mm)	Approx. Stem O.D. (mm)	Approx. Overall Length (mm)	Qty/Cs
6140-50 E	50	8	193	12
6140-65 E	65	8	206	12
6140-75 E	75	8	214	12
6140-100 E	100	9	236	6



**6160 PYREX Brand, Fluted, 60° Angle, Long Stem**

Have a strong beaded edge. These funnels are fabricated from blanks formed to a 60° angle. In addition, they have depressed inside flutings which further decrease filtering time.

Cat. No.	Approx. Top Inside Diam. (mm)	Approx. Stem Length x O.D. (mm)	Approx. Overall Length (mm)	Qty/Pk	Qty/Cs
6160-65 E	65	150 x 8	206	6	12
6160-75	75	150 x 8	214	-	12



**6180 PYREX Brand, Fluted, 60° Angle, Short Stem**

Supplied with short stems. Depressed inside flutings further decreases filtering time.

Cat. No.	Approx. Top Inside Diam. (mm)	Approx. Stem Length x O.D. (mm)	Approx. Overall Length (mm)	Qty/Pk	Qty/Cs
6180-50	50	65 x 8	108	12	48
6180-65	65	65 x 8	121	12	48
6180-75	75	75 x 8	139	12	48
6180-100	100	100 x 9	190	6	24

**36210 PYREX® Brand, Hirsch Type, Fritted Disc**

This type is very useful in preparation work, or in making separations where it is necessary to wash the precipitate and redissolve with chemicals which would attack filter paper. The angle of the funnel body facilitates the removal of precipitates.

Cat. No.	Approx. Top Dia. (mm)	Porosity	Approx. Dia of Disc (mm)	Approx. Stem O.D. x Length (mm)	Approx. Length (mm)	Qty/Cs
36210-50C	E 50C	50C	20	8 x 75	118	1
36210-50M	E 50M	50M	20	8 x 75	118	1
36210-50F	E 50F	50F	20	8 x 75	118	1
36210-75C	E 75C	75C	30	8 x 70	139	1
36210-75M	E 75M	75M	30	8 x 70	139	1
36210-75F	E 75F	75F	30	8 x 70	139	1

**6220 PYREX Brand, Plain Filling, Powder**

With a short stem. For use in transferring powders or filling bottles.

Cat. No.	Approx. I.D. (mm)	Approx. Stem Length x O.D. (mm)	Total Length (mm)	Qty/Pk	Qty/Cs
6220-65	65	25 x 15	83	12	24
6220-75	75	30 x 17	94	12	24
6220-100	100	30 x 20	120	6	24
6220-125	E 125	35 x 25	132	6	12
6220-150	150	35 x 30	157	6	12

**6240 PYREX Brand, Plain Stemless**

Of molded construction with bottom ground flat; for use in the sugar industries. All have 6 mm opening.

Cat. No.	Approx. I.D. (mm)	Approx. Length (mm)	Qty/Pk	Qty/Cs
6240-75 E	75	60	12	48
6240-100 E	100	82	–	1

**6302 PYREX Brand, Squibb, Separatory, PYREX Stopper, Rotaflo® Stopcock**

Features the Rotaflo stopcock and the strong, PYREX hollow stopper. A poly stopper is also included for your convenience. Stem O.D. is 10 mm.

Cat. No.	Size (mL)	Body Diam. (mm)	Total Length (mm)	§ Stopper No.	Rotaflo Plug	Qty/Cs
6302-125 E	125	60	301	22	GP-3	1
6302-250 E	250	77	338	22	GP-3	1
6302-500 E	500	98	385	27	GP-6	1
6302-1L E	1000	119	415	27	GP-6	1
6302-2L E	2000	152	492	38	GP-6	1

For glass stopper only, see Cat. No. 7650. For poly stopper only, see Cat. No. 7624.

**6305 PYREX® Brand Funnel, Separatory, Squibb, PTFE Valve and Threaded Top**



Improved Squibb type separatory funnel provides an unbreakable, all PTFE, valve and drip tip and has a screw thread closure at the top. Supplied complete with PTFE valve assembly and screw cap with PTFE faced silicone liner.

Cat. No.		Description (mL)	Capacity (mL)	Cap Size (mm)	Value Size (mm)	Qty/Cs
6305-60	E	Complete	60	32	2	1
6305-125	E	Complete	125	45	2	1
6305-250	E	Complete	250	45	4	1
6305-500	E	Complete	500	45	4	1
6305-1L	E	Complete	1000	45	4	1
6305-2L	E	Complete	2000	45	6	1
6305-4L	E	Complete	4000	45	8	1
6305-6L	E	Complete	6000	45	8	1
6305-60FO	E	Funnel Only	60	-	-	1
6305-125FO	E	Funnel Only	125	-	-	1
6305-250FO	E	Funnel Only	250	-	-	1
6305-500FO	E	Funnel Only	500	-	-	1
6305-2LFO	E	Funnel Only	2000	-	-	1
6305-1LFO	E	Funnel Only	1000	-	-	1
6305-4LFO	E	Funnel Only	4000	-	-	1
6305-6LFO	E	Funnel Only	6000	-	-	1
6305-2VO	E	Valve Bottom PTFE 2 mm	-	-	-	1
6305-4VO	E	Valve Bottom PTFE 4 mm	-	-	-	1
6305-5VO	E	Valve Bottom PTFE 6 mm	-	-	-	1
6305-8VO	E	Valve Bottom PTFE 8 mm	-	-	-	1

**6340 PYREX Brand, Separatory, Globe Shape, PYREX § Stopper, § Stopcock**



These funnels are made from specially molded blanks which are tapered toward the stopcock to facilitate the separation of liquids. Their sturdy design makes them excellent for rack work.

Cat. No.	Capacity (mL)	§ Stopper No.	§ Stopcock Plug Size	Approx. O.D. x Length of Stem Below Stopcock (mm)	Approx. Total Length (mm)	Qty/Cs
6340-125	E 125	22	2	10 x 175	328	1
6340-250	E 250	22	2	10 x 175	357	1
6340-500	E 500	27	4	10 x 175	381	1
6340-1L	E 1000	27	4	10 x 170	414	1
6340-4L	E 4000	38	8	14 x 130	521	1

For stopper only, see Cat. No. 7650.

**6383 PYREX Brand, Separatory, Cylindrical, PYREX § Stopper, § Teflon® Stopcock, Graduated from Teflon Stopcock**



This funnel is graduated to show approximate capacity, has a micro-finish Teflon stopcock and the strong, lightweight PYREX stopper.

Cat. No.	Capacity (mL)	Grad. Interval (mL)	§ Stopper No.	§ Stopcock Plug Size	Approx. O.D. x Length of Stem Below Stopcock (mm)	Approx. Total Length (mm)	Qty/Pk	Qty/Cs
6383-125	E 125	1	22	2	10 x 65	315	1	4
6383-250	E 250	2	22	2	10 x 65	340	1	4
6383-500	E 500	5	27	4	10 x 65	390	1	4
6383-1L	E 1000	10	27	4	10 x 65	493	1	2

For stopper only, see Cat. No. 7650.

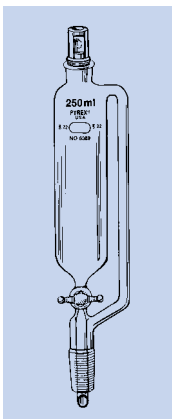


### 6383A PYREX® Brand, Separatory, Cylindrical, § Joints, Graduated from § Teflon Stopcock

This funnel is graduated to show the approximate capacity.

Cat. No.	Description	Capacity (mL)	Grad. Interval (mL)	§ Stopcock Plug Size	§ Joint Size	Approx. Length (mm)	Qty/Cs
6383A-100* E	Complete	100	5	4	24/40	294	1

\*This funnel is also a replacement part for organic chemistry kits Cat. Nos. 6949-6949K.



### 6389 PYREX Brand, Addition, Pressure Equalizing, PYREX § Stopper, § Teflon Stopcock, § Joint

For addition of material to a reactive mixture in a closed system where air must be excluded. The dropping tube below the stopcock permits delivery of solutions by drops. The lower end of the dropping tube extends 15 mm below the lower end of the inner § joint. Supplied with Teflon stopcock designed to reduce freezing problems and eliminate contaminating greases.

Cat. No.	Capacity (mL)	§ Stopper No.	§ Stopcock Plug Size	§ Joint Size	Approx. Length with Stopper	Tube O.D. (mm)	Qty/Pk	Qty/Cs
6389-125 E	125	22	2	24/40	345	8	1	4
6389-250 E	250	22	2	24/40	370	10	1	4
6389-500 E	500	27	4	24/40	420	10	1	2

For stopper only, see Cat. No. 7650.

### 6400 PYREX Brand, Squibb, Separatory, Pear-Shaped, PYREX § Stopper, § Stopcock



Cat. No.	Capacity (mL)	§ Stopper No.	§ Stopcock Plug Size	Body O.D. (mm)	Approx. O.D. x Length of Stem Below Stopcock	Approx. Total Length (mm)	Qty/Pk	Qty/Cs
6400-30 E	30	9	2	40	10 x 65	216	–	1
6400-60 E	60	16	2	55	10 x 65	231	1	6
6400-125 E	125	22	2	60	10 x 65	279	1	6
6400-250 E	250	22	2	77	10 x 65	311	1	4
6400-500 E	500	27	4	98	10 x 65	354	1	4
6400-1L E	1000	27	4	119	10 x 65	392	–	1
6400-2L	2000	38	6	152	12 x 65	496	–	1
6400-4L E	4000	38	8	206	14 x 65	629	–	1
6400-6L E	6000	38	10	225	16 x 60	630	–	1

For stopper only, see Cat. No. 7650.

For returning clip only, see Cat. No. 7280.



**6402 PYREX® Brand, Squibb, Separatory, Pear-Shaped, PYREX § Stopper, § Teflon® Stopcock**



The Teflon plug fits into the micro-finish barrel. The plug also reduces freezing problems and grease contamination.

Cat. No.	Description	Capacity (mL)	§ Stopper No.	§ Stopcock Plug Size	Approx. O.D. x Length of Stem Below Stopcock (mm)	Approx. Total Length (mm)	Qty/ Pk	Qty/ Cs
6402-60	E Complete	60	16	2	10 x 65	225	1	4
6402-125	Complete	125	22	2	10 x 65	280	1	4
6402-250	Complete	250	22	4	10 x 65	311	1	4
6402-500	Complete	500	27	4	10 x 65	355	1	4
6402-1L	Complete	1000	27	4	10 x 65	392	-	1
6402-2L	Complete	2000	38	6	12 x 65	496	-	1
6402-4L	E Complete	4000	38	8	14 x 90	-	-	1
6402-6L	E Complete	6000	38	10	16 x 90	-	-	1
6402-60FO	E Funnel Only	60	-	-	-	-	-	1
6402-125FO	E Funnel Only	125	-	-	-	-	-	1
6402-250FO	E Funnel Only	250	-	-	-	-	-	1
6402-500FO	E Funnel Only	500	-	-	-	-	-	1
6402-1LFO	E Funnel Only	1000	-	-	-	-	-	1
6402-2LFO	E Funnel Only	2000	-	-	-	-	-	1

For stopper only, see Cat. No. 7650.

**66402 PYREXPLUS® Brand, Squibb, Separatory, Pear-Shaped, Protective Coating,\* PYREX § Stopper, § Teflon Stopcock**



Features a protectivecock w PVC coating for longer product life and safety. Protective coating helps prevent glass from shattering and reduces spills. Autoclavable (121°C) and resistant to thermal shock. It features a Teflon stochich reduces freezing problems and grease contamination.\*

Cat. No.	Description	Capacity (mL)	§ Stopper No.	§ Stopcock Plug Size	Approx O.D. x Length of Stem Below Stopcock (mm)	Approx. Total Length (mm)	Qty/ Pk	Qty/ Cs
66402-125	E Complete	125	22	2	10 x 65	280	1	4
66402-250	E Complete	250	22	4	10 x 65	311	1	4
66402-500	E Complete	500	27	4	10 x 65	355	1	4
66402-1L	E Complete	1000	27	4	10 x 65	392	-	1
66402-2L	Complete	2000	38	6	12 x 65	496	-	1

For stopper only, see Cat. No. 7650. Do not place over direct heat or flame. Do not heat above 121°C moist heat or 110°C dry heat. Covered by U.S. Patent #4940613.

**6404 PYREX Brand, Squibb, Separatory, Pear-Shaped, Polyethylene Stopper, § Teflon® Stopcock**



The stopper is made with a closed bottom and is of linear high density polyethylene to conform to § stopper dimensions.

Cat. No.	Description	Capacity (mL)	§ Stopper No.	§ Stopcock Plug Size	Approx O.D. x Length of Stem Below Stopcock (mm)	Approx. Total Length (mm)	Qty/ Pk	Qty/ Cs
6404-60	Complete	60	16	2	10 x 65	244	1	4
6404-125	Complete	125	22	2	10 x 65	289	1	4
6404-250	Complete	250	22	4	10 x 65	311	1	4
6404-500	Complete	500	27	4	10 x 65	354	1	4
6404-1L	Complete	1000	27	4	10 x 65	392	-	1
6404-2L	Complete	2000	38	6	12 x 65	486	-	1

For stopper only, see Cat. No. 7624.



### 6406 PYREX® Brand, Squibb, Separatory, Economy, with Replaceable Teflon Stopcock, Tip, and High Density Polyethylene Stopper

An economical separatory funnel designed to reduce replacement costs by providing replaceable components. These sturdy, durable funnels are designed for long life and maximum safety. The replaceable Teflon stopcock assembly features a simple screw thread locking nut and collar which ensure that the stopcock cannot fall out in use. The tip is also replaceable. Its ground end provides a better grip and helps prevent the tip from falling out. The funnel comes complete with a standard taper high density polyethylene stopper. 7 mm O.D. stem.

Cat. No.	Description	Capacity (mL)	§ Stopper No.	§ Stopcock Plug Size	Approx. Total Length (mm) (Exclusive of Stopper)	Qty/Pk	Qty/Cs
6406-60	Complete	60	16	4	255	1	4
6406-125	Complete	125	22	4	293	1	4
6406-250	Complete	250	22	4	303	1	4
6406-500	Complete	500	27	4	319	1	4
6406-1L	Complete	1000	27	4	395	–	1
6406-2L E	Complete	2000	38	4	492	–	1
6406-60FO E	Funnel Only	60	–	–	–	1	4
6406-125FO E	Funnel Only	125	–	–	–	1	4
6406-250FO E	Funnel Only	250	–	–	–	1	4
6406-500FO E	Funnel Only	500	–	–	–	1	4
6406-1LFO E	Funnel Only	1000	–	–	–	–	1
2116-LSO E	Locking Stopcock Only	–	–	–	–	–	1
6406-GTO E	Tip Only	–	–	–	–	12	36



### 6410 PYREX Brand, Squibb, Separatory, Pear-Shaped, PYREX § Stopper, § Stopcock, § Joint

Separatory funnel drip-tip and § ground joint. Convenient as an addition funnel.

Cat. No.	Capacity (mL)	§ Stopper No.	§ Stopcock Plug Size	§ Joint Size	Approx. Length (mm)	Qty/Cs
6410-125 E	125	22	2	24/40	289	1
6410-250 E	250	22	2	24/40	311	1
6410-500 E	500	27	4	24/40	315	1

For stopper only, see Cat. No. 7650.

For § stopcock plug only, see Cat. No. 7680.

For retaining clip only, see Cat. No. 7280.



### 6412A PYREX Brand, Squibb, Separatory, § Teflon® § Stopcock

Cat. No.	Description	Capacity (mL)	§ Stopcock Plug Size	§ Joint Size Inner/Outer	Approx. Height (mm)	Qty/Cs
6412A-125* E	Complete	125	2	14/20	237	1

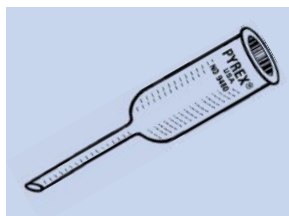
\*This funnel is also a replacement for organic chemistry kits Cat. Nos. 6949-6949K.



### 6413 PYREX Brand, Squibb, Separatory, § Teflon Stopcock

Cat. No.	Description	Capacity (mL)	§ Stopcock Plug Size	§ Joint Size Inner/Outer	Approx. Height (mm)	Qty/Pk	Qty/Cs
6413-125	Complete	125	2	19/22	238	1	4

**9480 PYREX® Brand, Filter**



The constricted lower end is 8 mm O.D. by 75 mm. long on all sizes. For use with PYREX brand crucibles with fritted discs listed under Cat. Nos. 32940 and 32960. Also for use with Gooch crucibles or directly with porcelain plates.

Cat. No.		Approx. I.D. x Length (mm)	Qty/Cs
9480-24	E	24 x 150	1
9480-27	E	27 x 150	1
9480-32	E	32 x 160	1
9480-36	E	36 x 160	1
9480-42	E	44 x 160	1

**GAS APPARATUS**

**9500 PYREX Brand, Gas Collecting, Two Straight Bore § Stopcocks**



The 125 mL size is furnished with two capillary § 2 mm stopcocks; the 250 mL size is furnished with two capillary § 3 mm stopcocks; and the 500 mL size is furnished with two capillary § 4 mm stopcocks. Stopcocks are equipped with stopcock retainer clips.

Cat. No.		Capacity (mL)	Aprox. O.D. x Length (mm)	§ Stopcock Plug Size	Qty/Pk	Qty/Cs
9500-125	E	125	38 x 270	2	–	1
9500-250	E	250	50 x 330	3	2	6
9500-500	E	500	64 x 350	4	2	4

**JOINTS**

**6710 PYREX Brand, Full Length, Sealed Tube, Inner Part Only, § Interchangeable**



Cat. No.		§ Joint Size	Approx. Stem O.D. x Length (mm)	Approx. Stem O.D. x Length (mm)	Qty/Pk	Qty/Cs
6710-10	E	10/30	8 x 150	5 x 115	–	1
6710-14	E	14/35	12 x 170	8 x 115	–	1
6710-19	E	19/38	17 x 150	10 x 115	–	1
6710-24	E	24/40	22 x 170	12 x 115	1	12

**HEATERS**

**16790 VYCOR® Brand, Immersion**



VYCOR brand immersion heaters are ideal for heating acids and plating solutions and for general laboratory heating purposes. They heat quickly and efficiently by infrared radiation, as well as by conduction and convection, and continuously heat at maximum temperature as long as plugged in. Only the glass portion should be immersed. The electrical heating element is enclosed in a red sheath made of 96% silica glass which completely shields the heating section. The unit is equipped with a cord and is ready to plug in. The corrosion resistance of the VYCOR brand jacket, even at elevated temperatures, assures freedom from chemical contamination. The upper portion (unheated length) of the unit can be rested against the side of the beakers, water baths or other glass vessels. The heater cord is approximately 1.5 m long. To ensure long life, scale build-up should be removed periodically. Usage warnings and cleaning instructions are packed with each unit.

Cat. No.		Watts	Volts	Approx. O.D. (mm)	Approx. Heated Length (mm)	Approx. Total Length (mm)	Approx. Surface Temp. (C°)	Qty/Cs
16790-250	E	250	120	9	140	356	330	1
16790-500	E	500	120	17	175	457	330	1
16790-1L		1000	120	19	187	455	430	1
16790-2L	E	2000	240	25	241	508	770	1

## JARS

### 6884 PYREX® Brand, Display



Used to display exhibits, particularly in museums and medical schools. Designed with uniform walls and a heavy flared base that does not exceed the jar diameter. Each jar features a cork.

Cat. No.	Capacity (Oz)	Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Cs
6884-2	2	59	35 x 105	12
6884-4	4	118	50 x 115	12
6884-8	8	237	63 x 162	12
6884-16	16	473	69 x 210	12

### 6885 PYREX Brand, Bell, with Knob



PYREX brand bell jars are made from specially selected mold-blown blanks. The bottom flange has a finely ground finish to assure tight sealing with ground glass plates. Rated 1-Atmosphere Vacuum. Do not use with heat or pressure applications.

Cat. No.		Approx. O.D. x Height (mm)	Approx. I.D. (mm)	Qty/Pk	Qty/Cs
6885-140	E	140 x 265	130	1	2
6885-165	E	165 x 315	156	1	2
6885-222		222 x 425	213	–	2

### 6886 PYREX Brand, Bell



These specially blown, sturdy, round bottom jars have a fine ground finish at the open end. The jar is supplied without a rim flange. The flat, ground, bearing surface has a contact area equal to the wall thickness at the open end of the jar. Do not use with heat, pressure or vacuum applications.

Cat. No.		Approx. O.D. x Length (mm)	Min. I.D. (mm)	Approx. Capacity (Liters)	Approx. O.D. x Length (Inches)	Qty/Cs
6886-9L	E	260 x 305	235	9.5	10 1/4 x 12	1
6886-12L	E	318 x 305	292	12.3	12 1/2 x 12	1
6886-22L	E	318 x 457	292	22.7	12 1/2 x 18	1
6886-37L	E	390 x 457	362	37.0	15 3/8 x 18	1
6886-66L	E	390 x 762	362	66.2	15 3/8 x 30	1
6886-32L	E	457 x 305	429	32.2	18 x 12	1
6886-49L	E	457 x 457	429	49.2	18 x 18	1
6886-87L		457 x 762	429	87.0	18 x 30	1

Not intended for vacuum applications.

### 6888 PYREX Brand, Bell, Beaded Opening, Ground Flange

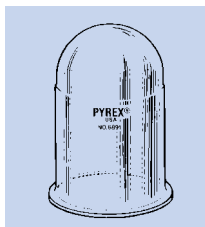


The opening in the center of the top is flame-cut and beaded for greater strength and to increase the bearing surface when a rubber stopper closure is used. Rated 1-Atmosphere Vacuum. Do not use with heat or pressure applications.

Cat. No.		Approx. O.D. x Height (mm)	Approx. I.D. (mm)	Approx. Top Opening (mm)	Rubber Stopper No.	Qty/Cs
6888-140	E	140 x 229	130	25	5 1/2	1
6888-165	E	165 x 279	156	25	5 1/2	1
6888-222	E	222 x 381	213	25	5 1/2	1

**6891 PYREX® Brand, Bell, Large Top, Ground Flange**

These specially blown, sturdy, round bottom jars have handtooled flanges at the open end. Flanges have wide, flat surface area with a finely ground finish. Rated 1-Atmosphere Vacuum. Do not use with heat or pressure applications.



Cat. No.		Approx. O.D. x Height (mm)	Min. I.D. (mm)	Approx. Flange O.D. (mm)	Approx. Capacity (Gal.)	Qty/Cs
6891-305	E	318 x 406	292	330	6	1
6891-457	E	457 x 660	429	483	20	1

**6902 PYREX Brand, Cloud and Pour Point, Graduated**

Single line encircles the jar at a point approximately 51 mm above the bottom to assist in measuring the sample. Reference: ASTM D-97, D-1500, D-2500.



Cat. No.		Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
6902	E	35 x 121	12	36

**6941 PYREX Brand, Animal**

Recommended for use as animal jars or for other purposes where resistance to hot air and steam sterilization is of importance. These jars are blown with walls approximately 4.5 mm (3/16") thick. The open ends are finished with a fire-polished bead to increase mechanical strength. Jars listed under Cat. No. 6942 can also be used as animal jars. Do not use with heat, pressure or vacuum applications.



Cat. No.		Approx. O.D. x Height (mm)	Approx. O.D. x Height (Inches)	Approx. Capacity (Liters)	Qty/Cs
6941-3L	E	152 x 203	6 x 8	2.8	1
6941-5L		210 x 203	8 1/4 x 8	4.7	6

Not intended for vacuum applications.

**6942 PYREX Brand, Cylindrical, Plain**

These jars are mold-blown with substantial walls for mechanical strength. The open end of the 152 mm diameter jars is fire-polished, while all other sizes have the open end ground. These jars can also be used as animal jars. Do not use with heat, pressure, or vacuum applications.



Cat. No.		Approx. O.D. x Height (mm)	Approx. O.D. x Height (Inches)	Capacity (Liters)	Qty/Pk	Qty/Cs
6942-7L		222 x 254	8 3/4 x 10	7.5	1	4
6942-9L		257 x 254	10	9.5	-	1
6942-17L		305 x 305	12 x 12	17.0	-	1
6942-27L		305 x 457	12 x 18	26.5	-	1
6942-32L		406 x 305	16 x 12	32.0	-	1

**6943 PYREX Brand, Cylindrical, Handles**

These jars are made with recessed finger grips for convenience in handling. They are identical in size and shape to corresponding sizes of Cat. No. 6942 jars. Open ends are finely ground. Do not use with heat, pressure or vacuum applications.



Cat. No.		Approx. O.D. x Height (mm)	Approx. O.D. x Height (Inches)	Capacity (Liters)	Qty/Cs
6943-17L	E	305 x 305	12 x 12	17.0	1
6943-27L	E	305 x 457	12 x 18	26.5	1
6943-36L	E	305 x 610	12 x 24	36.0	1



**6944 PYREX® Brand, Rectangular, Chromatography**



Ground to the close tolerances needed for tight cover fit. Jar edges are ground flat within 0.25 mm. Covers are not supplied. Do not use with heat, pressure or vacuum applications.

Cat. No.		Approx. L x W x D (mm)	Approx. L x W x D (Inches)	Capacity (Liters)	Qty/Cs
6944-4L		137 x 162 x 267	5 3/8 x 6 3/8 x 10 1/2	3.8	6
6944-11L		181 x 238 x 324	7 1/8 x 9 3/8 x 12 3/4	11.4	1
6944-23L	E	308 x 308 x 305	12 1/8 x 12 1/8 x 12	22.7	1
6944-45L	E	311 x 311 x 610	12 1/4 x 12 1/4 x 24	45.4	1

**6944A CORNING® Brand, Rectangular, Chromatography**



This glass jar is a low-cost developing chamber for most thin layer chromatographic techniques. Its narrow dimension allows quick saturation for more even solvent front advance. It can be used for developing more than one plate at one time. The top edge is ground flat to accommodate covers. Covers are not supplied. Do not use with heat, pressure or vacuum applications.

Cat. No.		Approx. L x W x D (mm)	Approx. L x W x D (Inches)	Qty/Pk	Qty/Cs
6944A	E	302 x 98 x 254	11 7/8 x 3 7/8 x 10	1	2

**6945 PYREX Brand, Cylindrical, Chromatography**



A general-purpose jar with tops ground to close tolerances to insure a tight cover fit. The 152 mm jar edge is flat within 0.1 mm; all others are flat within 0.25 mm. Covers are not supplied. Do not use with heat, pressure, or vacuum applications.

Cat. No.		Approx. O.D. x Height (mm)	Approx. O.D. x Height (Inches)	Capacity (Liters)	Qty/Cs
6945-6L	E	152 x 457	6 x 18	6.6	1
6945-13L		222 x 457	8 3/4 x 18	13.2	4
6945-36L	E	305 x 610	12 x 24	36.0	1

**KETTLES**

**6946 PYREX Brand, Kettle Body, O-Ring Seal**



Kettle has a sturdy wall and a tooled flat flange at top which has a groove in the face to take a Viton® O-ring for a greaseless tight seal. Without constriction at the top and with flat bottom. There is a gently sloping contour at junction of side wall and bottom. Viton O-ring must be ordered separately. Use with heating mantle only.

Viton is a registered trademark of E. I. DuPont Co., Wilmington, DE.

Cat. No.		Clamp Size	Capacity (mL)	O-Ring Size	Qty/Cs
6946-500	E	115	500	115	1
6946-1L	E	115	1000	115	1
6946-2L	E	140	2000	140	1
6946-3L	E	140	3000	140	1
6946-4L	E	140	4000	140	1

### 6946A PYREX® Brand, Cover, Reaction Kettle, Four-Neck, O-Ring Seal



Cover has sturdy wall and a tooled flat flange at bottom which has a groove in the face to take an O-ring for a greaseless tight seal. Center neck and three side necks are 120° apart. All four necks have full length  $\text{F}$  outer joints. Viton® O-ring must be ordered separately.

Cat. No.		Center Neck $\text{F}$ Joint	Side Neck $\text{F}$ Joint	O.D. of Flange (Inches)	Qty/Cs
6946A-2424	E	24/40	24/40	5-3/8	1
6946A-2424L	E	24/40	24/40	6-5/8	1
6946A-2924	E	29/42	24/40	5-3/8	1
6946A-2924L	E	29/42	24/40	6-5/8	1
6946A-2929	E	29/42	29/42	5-3/8	1
6946A-2929L	E	29/42	29/42	6-5/8	1

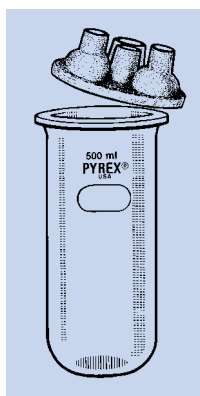
### 6946B CORNING® Brand, Clamp, McCarter



A stainless steel horseshoe-shaped clamp particularly designed to connect two pieces of glass that have flat flanges of the same diameter. The clamp has adjustable tension springs to secure even pressure over the flange area. Used with Cat. Nos. 6946 and 6946A. Must be used with Viton® O-ring.

Cat. No.		Description	Clamp Size	Qty/Cs
6946B-115	E	Clamp	115	1
6946B-140	E	Clamp	140	1

### 6947 PYREX Brand, Resin Reaction



The 500 and 1000 mL kettles have interchangeable covers with four openings to accommodate 24/40  $\text{F}$  joints. Kettles of 2000, 3000, and 4000 mL capacity have interchangeable covers and have openings to accommodate three  $\text{F}$  24/40 joints and one  $\text{F}$  34/45 joint. Interchangeable  $\text{F}$  joints allow quick assembly with condensers, stirrers and funnels. Flanges of covers and bottoms are finely ground for a tight seal. For use with heating mantle only.

Cat. No.		Description	Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
6947-500		Complete	500	95 x 207	–	1
6947-1L		Complete	1000	108 x 220	–	1
6947-2L		Complete	2000	140 x 239	–	1
6947-3L	E	Complete	3000	140 x 315	–	1
6947-4L		Complete	4000	140 x 395	–	1
6947-500BO	E	Bottom only	500	95 x 152	1	4
6947-1LBO		Bottom only	1000	108 x 165	–	4
6947-2LBO	E	Bottom only	2000	140 x 184	1	4
6947-3LBO	E	Bottom only	3000	140 x 260	1	4
6947-4LBO		Bottom only	4000	140 x 340	–	4
6947-2LCO*		Cover only	–	168 x 55	–	2
6947-500CO**		Cover only	–	137 x 55	1	2

\*Fits 2L, 3L, and 4L.

\*\*Fits 500 and 1000 mL.



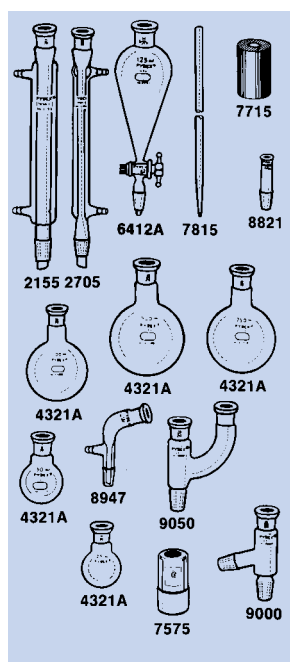
**6949G-2 CORNING® Brand, § 19/22 Components, Two PYREX® Stoppers**

Provides equipment for most common organic laboratory experiments described under 6949A. Note in particular the inclusion of a 250 mL flask with side tubulation, which is useful when performing steam distillations or experiments requiring an air bleed. This kit contains a three neck boiling flask to enable distillation while stirring and adding other compounds. The components of the kit are held in foam within a polyethylene case. The overall size of the case is approximately 130 mm x 256 mm x 343 mm. For more detail on individual components of the kit and available parts, refer to the specific Cat. Nos.

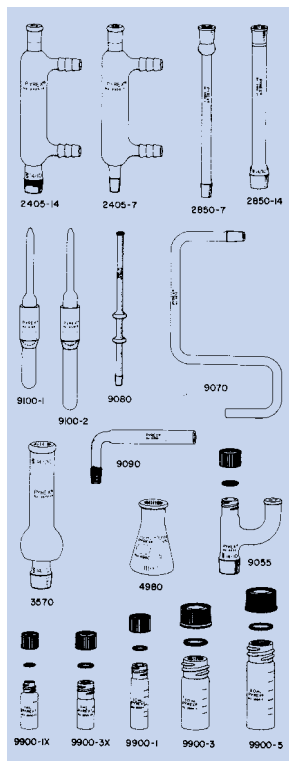
Cat. No.	Description	Qty/Pk	Qty/Cs
6949G-2	Complete Kit	–	1
7715	E Thermometer Holder, Rubber	–	1
2155-19	E Distilling Column, 190 mm	–	1
2705-19	E Condenser, West, 190 mm	2	4
4320B-25	E Round Bottom Boiling Flask, 25 mL	–	1
4320B-50	E Round Bottom Boiling Flask, 50 mL	–	1
4320B-100	E Round Bottom Boiling Flask, 100 mL	2	12
4323A-250	E Round Bottom Boiling Flask, 250 mL, Side Tubulation	–	1
4965B-500	E Round Bottom, 3-Neck Boiling Flask, 500 mL	–	1
6413-125	E Funnel, Separatory, Addition, Pear-Shaped, 125 mL, Teflon® Stopcock	1	4
6949E-BO	E Polyethylene Kit Box Only	–	1
6949E-IO	E Foam Insert Only	–	1
7575-19	PYREX® Stopper	–	6
7815-19	E Tube, Bleed	–	1
8821-19	E Tube, Adapter, Straight, with Thermometer Opening	–	1
8947-19	E Tube, Connecting, Vacuum	1	6
9000-19	E Tube, Connecting, 3-Way	–	1
9050-19	E Tube, Connecting, Claisen	–	1

**6949K CORNING Brand, § 14/20 Components**

Similar to Cat. No. 6949E, except the component parts have a § 14/20 joint. The components are held in foam within a polyethylene case. The case is approximately 130 mm x 256 mm x 343 mm. For more detail on individual components of the kit and available parts, refer to the specific product catalog numbers.



Cat. No.	Description	Qty/Pk	Qty/Cs
6949K	Complete Kit	–	1
2155-14	E Distilling Column, 190 mm	–	1
2705-14	E Condenser, West, 190 mm	–	1
4321A-25	E Round Bottom Boiling Flask, 25 mL	–	1
4321A-50	E Round Bottom Boiling Flask, 50 mL	–	1
4321A-100	E Round Bottom Boiling Flask, 100 mL	1	12
4321A-250	E Round Bottom Boiling Flask, 250 mL	–	1
4321A-500	E Round Bottom Boiling Flask, 500 mL	–	1
6412A-125	E Funnel, Separatory, Addition, Pear-shaped, 125 mL, Teflon Stopcock	–	1
6949E-BO	E Polyethylene Kit Box Only	–	1
6949E-IO	E Foam Insert Only	–	1
7575-14	PYREX Stopper	–	6
7715	E Thermometer Holder, Rubber	–	1
7815-19	E Tube, Bleed	–	1
8821-14	E Tube, Adapter, Straight, with Thermometer Opening	–	1
8947-14	E Tube, Connecting, Vacuum	–	1
9000-14	E Tube, Connecting, 3-Way	–	1
9050-14	E Tube, Connecting, Claisen	–	1



### 6949M-1 PYREX® Brand, Deluxe Version, ₣ 7/10-14/10 Components

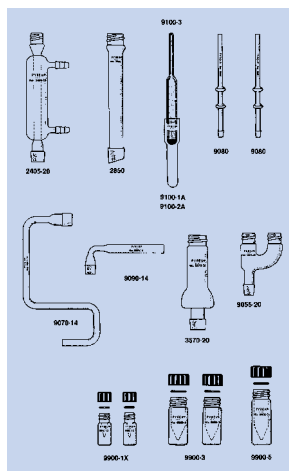
The deluxe micro-organic kit is supplied with all the necessary components needed to perform experiments covered in the Mayo, Pike, Butcher text, *Microscale Organic Laboratory*.<sup>\*</sup> Components come in ₣ 7/10 and 14/10 joint sizes. A selection of conical reaction vials from 0.1 mL to 5.0 mL capacity is included. All components are mounted in foam within a polyethylene case for easy storage.

Cat. No.	Description	Qty/Pk	Qty/Cs
6949M-1	Kit Deluxe	–	1
2405-7	E Jacketed Condenser, 7/10M-7/10F	1	2
2405-14	E Jacketed Condenser, 14/10M-7/10F	1	2
2850-7	E Air Reflux Condenser, 7/10M-7/10F	2	6
2850-14	E Air Reflux Condenser, 14/10M-7/10F	2	6
3570-14	E Hickman Still Head, 14/10M-14/20F	1	2
4980-10	E Flask, 10 mL	–	12
9055-14	E Claisen Head, 14/10M-7/10F	1	6
9070-7	E Capillary Gas Delivery Tube, 7/10M	1	4
9080	E Gas Chromatograph Collection Tube, 5/5M	1	6
9090-7	E Drying Tube, 7/10M	1	6
9100-1	E Craig Recrystallization Tube, 1 mL	2	6
9100-2	E Craig Recrystallization Tube, 2 mL	2	6
9900-1X	E Conical Reaction Vial, 0.1 mL, 5/5F	6	12
9900-1	E Conical Reaction Vial, 1.0 mL, 7/10F	6	12
9900-3X	E Conical Reaction Vial, 0.3 mL, 7/10F	6	12
9900-3	E Conical Reaction Vial, 3.0 mL, 14/10F	6	12
9900-5	E Conical Reaction Vial, 5.0 mL, 14/10F	6	12

<sup>\*</sup>Published by John F. Wiley.

### 6949M-4 PYREX Brand, Deluxe Version, ₣ 14/10 Threaded Components

The deluxe micro-organic kit is supplied with all the necessary components needed to perform experiments covered in the Mayo, Pike, Butcher text, *Microscale Organic Laboratory*.<sup>\*</sup> Components come in ₣ 14/10 threaded joint sizes. A selection of conical reaction vials from 0.1 mL to 5.0 mL capacity is included. The Craig Recrystallization tube has a Teflon® plug which eliminates breakage normally associated with glass plugs. All components are mounted in foam within a polyethylene case for easy storage.



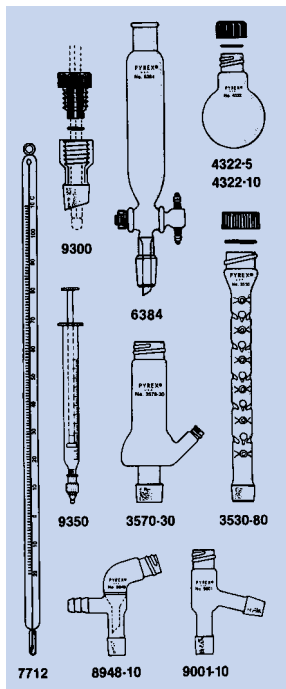
Cat. No.	Description	Qty/Pk	Qty/Cs
6949M-4	Kit Deluxe Threaded	–	1
2405-20	E Jacketed Condenser, 14/10 Threaded	1	2
2850-20	E Air Reflux Condenser, 14/10 Threaded	2	6
3570-20	E Hickman Still Head, 14/10 Threaded	1	2
9055-20	E Claisen Head, 14/10 Threaded	2	6
9070-14	E Capillary Gas Delivery Tube, 14/10	2	4
9080	E Gas Chromatograph Collection Tube, 5/5M	1	6
9090-14	E Drying Tube, 14/10	2	6
9100-1A	E Craig Receiver Only, 1 mL	2	6
9100-2A	E Craig Receiver Only, 2 mL	2	6
9100-3	E Teflon Plug Only for Craig Tube	1	6
9900-1X	E Conical Reaction Vial, 0.1 mL, 5/5F	6	12
9900-3	E Conical Reaction Vial, 3.0 mL, 14/10F	6	12
9900-5	E Conical Reaction Vial, 5.0 mL, 14/10F	6	12

<sup>\*</sup>Published by John F. Wiley.



## 6949M PYREX® Brand, Accessories

Listed are additional items most often used in conjunction with the 6949M series Microscale Organic Chemistry Kits. Items include round bottom flasks, sep. funnels, distillation columns, Hickman still heads, thermometers, vacuum adaptors, connecting tubes, syringes, crystallizing dishes, GC adaptors, spin vanes, replacement vial caps, O-rings and septa.



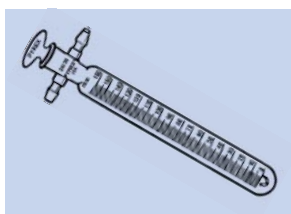
Cat. No.	Description	Qty/ Pk	Qty/ Cs
2690-40	E Mineral Oil Bubbler	–	1
3140-70	3140 Dish 70 x 50	6	24
3140-80	3140 Dish 80 x 40	6	24
3140-90	3140 Dish 90 x 50	6	18
3140-100	3140 Dish 100 x 50	6	18
3140-125	3140 Dish 125 x 65	4	12
3140-150	3140 Dish 150 x 75	4	8
3530-80	E 3530 Distillation Column Vigreux with Cap 75 mm 14/10 Threaded	1	2
3570-30	E 3570 Hickman Still Head with Sidearm Port/Cap 14/10	1	2
3570-50	E Spinning Hickman with Sideport	1	2
4321A-5	E 4321A Flask 5 mL	2	12
4321A-10	E 4321A Flask 10 mL	2	12
4322-5	E 4322 Flask RB 5 mL 14/10 with Cap	2	12
4322-10	E 4322 Flask RB 10 mL 14/10 with Cap	2	12
4322S-10	E Flask Round Bottom 10 mL	–	2
36062-18C	E Buchner Filter Funnel	–	1
36210-14C	E Hirsch Filter Funnel	–	1
6384-25	E 6384 Sep. Funnel Cylindrical 25 mL, 2 mm TFE Stopcock, 14/10	1	2
6949M-CB	E Clear Compartment Box	–	1
7095B-5X	Pipet, Pasteur 5 3/4"	50	1000
7095B-9	Pipet, Pasteur 9"	50	1000
7711	E 7711 Thermometer	–	1
7712	E 7712 Thermometer Bulb Immersion Micro	1	2
8830	E 8830 Gas Chromatograph Connection Adaptor 6-32 NPT - 5/5F	6	12
8948-10	E 8948 Vacuum Adaptor with Hose Connection 14/10 Threaded	–	2
9001-10	E 9001 Connecting Tube 14/10 Threaded Top	1	2
9300-14	E 9300 Thermometer Adaptor Assy. 14/10 (Bushing, O-Ring, Adaptor)	–	2
9300-24	E Vacuum Adaptor with Sideport	–	1
9300-34	E Sublimation Condenser Tube Only	–	1
9350-1	E 9350 Syringe 1 mL with TFE Tip Plunger, without Needle	1	2
9900-1C	E 9900-1C Cap for 0.1 mL Vial	–	12
9900-3C	E 9900-3C Cap for 0.3/1.0 mL Vial	–	12
9900-5C	E 9900-5C Cap for 3.0/5.0 mL Vial	–	12
9900-1R	E 9900-1R O-Ring for 0.1 mL Vial	–	12
9900-2R	E 9900-2R O-Ring for 0.3/1.0 mL Vial and Claisen Adaptor	–	12
9900-3R	E 9900-3R O-Ring for 3.0/5.0 mL Vial	–	12
9900-1S	E 9900-1S Teflon Silicone Septa for 0.1 mL Vial	–	12
9900-2S	E 9900-2S Teflon Silicone Septa for 0.3/1.0 mL Vial	–	12
9900-3S	E 9900-3S Teflon Silicone Septa for 3.0/5.0 mL Vial	–	12
9900-1V	E 9900-1V Spin Vane for 1.0 mL Vial	–	6
9900-3V	E 9900-3V Spin Vane for 3.0/5.0 mL Vial	–	6

## MANOMETERS

**6950 PYREX® Brand, Vacuum, Mercury, § Stopper**

The manometer tube is enclosed in a round bottom, graduated jacket and is sealed to a stopcock plug. In use, mercury is placed in the inner tube and in the jacket bottom to measure the pressure differential. Not recommended for positive pressure. The legible, red scale ranges from 0 to 160 mm. Mercury filling instructions are supplied with each instrument. Uses 5 to 6 mL mercury. Mercury not supplied.

Cat. No.	Description	Approx. O.D. x Height (mm)	Approx. Tubulation O.D. (mm)	Qty/Pk	Qty/Cs
6950-235 E	Complete	25 x 235	10	1	4

**6952 PYREX Brand, Vacuum, Mercury, T Connection, § Stopper**

The manometer tube is enclosed in a round bottom, graduated jacket and is sealed to a stopcock plug. T-sidearm permits drawing and venting the vacuum. In use, mercury is placed in the inner tube and in the jacket bottom to measure the pressure differential. The legible red scale ranges from 0 to 160 mm. Not recommended for positive pressure. Mercury filling instructions are supplied with each instrument. Uses 5 to 6 mL mercury. Mercury not supplied.

Cat. No.	Description	Approx. O.D. x Height (mm)	Approx. Tubulation O.D. (mm)	Qty/Cs
6952-235 E	Complete	25 x 235	10	1

## PIPETS

**7065 PYREX Brand, Reusable Glass, Measuring, Color-Coded, with Colored Markings**

These pipets are color-coded by size for easy identification and sorting. Colored graduations are enameled onto the glass. The top end of 5 to 25 mL sizes is constricted (Mohr type). They are calibrated “to deliver” their total capacity without blow-out.

Cat. No.	Capacity (mL)	Tol. (± mL)	Grad. Interval (mL)	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
7065-1X E	0.1	.005	.01	7 x 300	6	12
7065-2X E	0.2	.008	.01	7 x 300	6	12
7065-1 E	1.0	.02	.1	7 x 325	6	12
7065-1C E	1.0	.02	.01	7 x 350	6	12
7065-2 E	2.0	.02	.1	7 x 350	6	12
7065-5 E	5.0	.04	.1	8 x 350	6	12
7065-10 E	10.0	.06	.1	10 x 380	6	12
7065-25	25.0	.1	.1	14 x 440	–	12

Do not pipet by mouth. We suggest using a mechanical pipetting device.  
Reference: ASTM E-1293.

**7070 PYREX® Brand, Reusable Glass, Serialized/Certified, Class A, Colored Markings, Measuring, Color-Coded**



Calibrated to Class A tolerances in accordance with ASTM E-542, and ASTM E-1293. Each pipet is individually serialized and supplied with a Certificate of Identification and Capacity, traceable to NIST standards. Calibrated “to deliver” their total capacity without blow-out. Color-coded by size for easy identification. Colored graduations are enameled onto the glass. The top end of 5 to 25 mL sizes is constricted (Mohr type).

Cat. No.		Capacity (mL)	Grad. Interval (mL)	Tol. (± mL)	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
7070-1	E	1.0	.1	.01	7 x 325	2	6
7070-2	E	2.0	.1	.01	7 x 350	2	6
7070-5	E	5.0	.1	.02	8 x 350	2	6
7070-10	E	10.0	.1	.03	10 x 380	2	6
7070-25	E	25.0	.1	.05	14 x 440	2	6

Do not pipet by mouth. We suggest using a mechanical pipetting device.

**7085 PYREX Brand, Reusable Glass Serological, Color-Coded, Colored Markings**



These pipets are color coded by size for easy identification and sorting. Colored graduations are enameled onto the glass. These “to deliver” pipets must be blown out to obtain total rated capacity.

Cat. No.		Capacity (mL)	Tolerance (± mL)	Grad. Interval (mL)	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
7085-1X	E	0.1	.005	.01	7 x 300	6	12
7085-2X	E	0.2	.008	.01	7 x 300	6	12
7085-1	E	1.0	.02	.1	7 x 350	6	12
7085-1C	E	1.0	.02	.01	7 x 350	6	12
7085-2	E	2.0	.02	.1	7 x 350	6	12
7085-2C	E	2.0	.02	.01	7 x 350	6	12
7085-5	E	5.0	.04	.1	8 x 350	6	12
7085-10		10.0	.06	.1	10 x 350	–	12

Do not pipet by mouth. We suggest using a mechanical pipetting device. Reference: ASTM E-1044.

**7086 PYREX Brand, Reusable Glass Serological, Color-Coded, Color Markings**



These pipets are designed for cotton plugging. The uniform top-end openings permit performing of plugs and allow precise control of liquid column. Color-coded by size for easy identification and sorting. Colored graduations are enameled onto the glass. The two rings indicate the pipet is calibrated “To Deliver” its total capacity when the last drop is blown out. Reference: ASTM® E-1044.

Cat. No.		Capacity (mL)	Tol. (± mL)	Grad. Interval (mL)	Approx. O.D. x Height mm	Qty/Pk	Qty/Cs
7086-1		1	0.02	0.1	7 x 350	6	12
7086-5		5	0.04	0.1	8 x 350	6	12
7086-10		10	0.06	0.1	10 x 350	6	12

Do not pipet by mouth. We suggest using a mechanical pipetting device.

**7087 PYREX® Brand, Reusable Glass Serological, Large Tip Opening, Color-Coded, Colored Markings**



Made with a large tip opening to allow more rapid intake and delivery of suspensions and viscous materials. Color coded by size for easy identification and sorting. Colored graduations are enameled onto the glass. The two narrow bands or one wide band at the top indicate the pipet is calibrated “to deliver” its total capacity when the last drop is blown out.

Cat. No.		Capacity (mL)	Grad. Range (mL)	Tolerance (± mL)	Grad. Interval (mL)	Approx. O.D. x Length (mm)	Qty/ Pk	Qty/ Cs
7087-1	E	1.0	0-0.9	.05	.1	7 x 350	6	12
7087-2	E	2.0	0-1.9	.05	.1	7 x 350	6	12
7087-5	E	5.0	0-4.9	.1	.1	8 x 350	6	12
7087-10		10.0	0-9.5	.1	.1	10 x 350	–	12
7087-25		25.0	0-24	.2	.1	14 x 440	–	12

Do not pipet by mouth. We suggest using a mechanical pipetting device.

**7100 PYREX Brand, Reusable Glass Volumetric, Class A, Color-Coded, Colored Markings**



These pipets are manufactured to Class A capacity tolerances as indicated by ASTM E-969. The rugged construction, Colored enamel graduations and markings provide a pipet which will give good life and service. Sizes 1 mL through 25 mL are color-coded.

Cat. No.	Color Code	Capacity (mL)	Tolerance (± mL)	Approx. Length (mm)	Qty/Cs
7100-1	Blue	1.0	.006	313	12
7100-2	Orange	2.0	.006	333	12
7100-3	Black	3.0	.01	356	12
7100-4	Red	4.0	.01	370	12
7100-5	White	5.0	.01	392	12
7100-10	Red	10.0	.02	429	12
7100-15	Green	15.0	.03	400	12
7100-20	Yellow	20.0	.03	460	12
7100-25	Blue	25.0	.03	460	12
7100-50*		50.0	.05	516	12
7100-100		100.0	.08	565	12

\*New design allows more complete and efficient drainage. Do not pipet by mouth. We suggest using a mechanical pipetting device.

### 7101 PYREX® Brand, Serialized/Certified, Class A, Volumetric, Color-Coded, Colored Graduations



Calibrated to Class A tolerances in accordance with ASTM E-542, and ASTM E-969. Each pipet is individually serialized and supplied with a Certificate of Identification and Capacity, traceable to NIST standards. Sizes 1mL through 25mL are color-coded with colored graduations enameled onto the glass.

Cat. No.		Color Code	Capacity (mL)	Tol. ± (mL)	Approx. Length (mm)	Qty/Pk	Qty/Cs
7101-1	E	Blue	1.0	.006	313	2	6
7101-2	E	Orange	2.0	.006	333	2	6
7101-3	E	Black	3.0	.01	356	2	6
7101-4	E	Red	4.0	.01	370	2	6
7101-5	E	White	5.0	.01	392	2	6
7101-10	E	Red	10.0	.02	429	2	6
7101-15	E	Green	15.0	.03	445	2	6
7101-20	E	Yellow	20.0	.03	516	2	6
7101-25	E	Blue	25.0	.03	521	2	6
7101-50	E		50.0	.05	516	2	6
7101-100	E		100.0	.08	565	2	6

Do not pipet by mouth. We suggest using a mechanical pipetting device.

### 7102 PYREX Brand, Reusable Glass Volumetric, Color-Coded



These pipets were designed primarily for schools and laboratories where the Class A tolerance of Cat. No. 7100 is not required. They are constructed to the same wall thickness and length as our Cat. No. 7100, but have larger tip openings for faster delivery. It is primarily due to this faster delivery that accuracy tolerances are twice those specified for Class A volumetric ware. Sizes 0.5 mL through 25mL are color-coded.

Cat. No.		Color Code	Capacity (mL)	Tol. ± (mL)	Approx. Length (mm)	Qty/Pk	Qty/Cs
7102-1X	E	Black (2)	.5	.012	318	6	12
7102-1	E	Blue	1.0	.012	313	6	12
7102-2	E	Orange	2.0	.012	333	6	12
7102-3	E	Black	3.0	.02	356	6	12
7102-4	E	Red	4.0	.02	370	6	12
7102-5	E	White	5.0	.02	392	6	12
7102-10	E	Red	10.0	.04	429	6	12
7102-15	E	Green	15.0	.06	400	6	12
7102-20	E	Yellow	20.0	.06	460	6	12
7102-25	E	Blue	25.0	.06	460	6	12
7102-50*	E		50.0	.10	516	6	12
7102-100	E		100.0	.16	565	6	12

Do not pipet by mouth. We suggest using a mechanical pipetting device.

\*New design allows more complete and efficient drainage.

Reference: ASTM E-969.





**7103 PYREX® Brand, Reusable Glass, Volumetric, To Contain, To Deliver, Class A**

These precision pipets are manufactured and calibrated “To Contain” (bottom line) and “To Deliver” (top line) to specifications for Class A volumetric ware.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. Length (mm)	Color Code	Qty/Cs
7103-1	1	0.006	313	Blue	6
7103-2	2	0.006	333	Orange	6
7103-3	3	0.01	356	Black	6
7103-4	4	0.01	370	Red	6
7103-5	5	0.01	392	White	6
7103-6	6	0.01	420	Orange	6
7103-7	7	0.01	420	Green	6
7103-8	8	0.02	425	Blue	6
7103-9	9	0.02	425	Black	6
7103-10	10	0.02	429	Red	6
7103-15	15	0.03	445	Green	6
7103-20	20	0.03	516	Yellow	6
7103-25	25	0.03	521	Blue	6

Do not pipet by mouth. We suggest using a mechanical pipetting device.

**7105 PYREX Brand, Reusable Glass Blood Chemistry (Ostwald-Folin), Class A, Color-Coded, Colored Markings**



These precision pipets meet or exceed specifications for Class A volumetric ware as indicated by ASTM E-969. Shorter, and more compact than our Class A No. 7100 types, these pipets originally were suggested by Folin for use in determining total nitrogen, urea and ammonia in urine, and they are generally used for blood serum tests. They are calibrated “to deliver” by blowing out the last drop. Colored graduations are enameled onto the glass.

Cat. No.	Color Code	Capacity (mL)	Tol. (± mL)	Approx. Length (mm)	Qty/Pk	Qty/Cs
7105-1 E	Blue	1.0	.006	275	6	12
7105-2 E	Orange	2.0	.006	275	6	12
7105-3 E	Black	3.0	.01	300	6	12
7105-5 E	White	5.0	.01	325	6	12

**PLATES**

**7220 PYREX Brand, Nine Depression Spot Plates**



These pressed plates have concave depressions which are useful for soil chemistry, color reactions, microchemical applications and microscopic observations. Nine concave depressions 22 mm O.D. x 7 mm deep.

Cat. No.	Approx. Size (mm)	Qty/Pk	Qty/Cs
7220-85	85 x 100	6	18

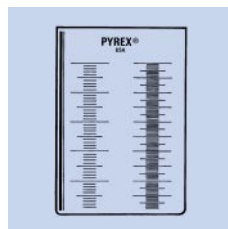
**7223 PYREX Brand, Three Depression Spot Plates**



Three concave depressions 22 mm O.D. x 7 mm deep. Suitable for soil chemistry, microchemical applications, microscopic observation and color reactions.

Cat. No.	Approx. Size (mm)	Qty/Pk	Qty/Cs
7223-34 E	34 x 85	12	36

## SETTLOMETER



### 7250 PYREX® Brand, Mallory Direct Reading Settlometer

Used with oxidized sludge process for treatment of sewage and other wastes. 2000 mL heavy wall cylinder measures 5 1/8" I.D. x 7 1/2" high and is graduated in cc per liter, and in hundredths of a foot.

Cat. No.	Description	Qty/Cs
7250-2L E	Direct Reading Settlometer	1

## STOPCOCKS

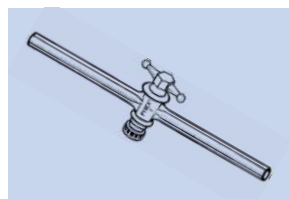
### 7280 PYREX Brand, Straight Bore, Solid § Stopper Plug



Closely controlled grinding techniques allow this general use stopcock to be used at pressures down to 10<sup>-4</sup> torr (mm Hg) when correctly greased. For additional strength, sidearm seals are heavy and uniform.

Cat. No.	Description	Approx. Plug Bore (mm)	§ Stopcock Plug No.	Approx. O.D. x Length (mm)	Sidearms Retaining Clip No.	Qty/Pk	Qty/Cs
7280-1 E	Complete	1	1	8 x 250	1	-	1
7280-2	Complete	2	2	8 x 250	1	2	8
7280-3 E	Complete	3	3	10 x 220	4	-	1
7280-4	Complete	4	4	10 x 255	4	2	8
7280-1CO E	Retaining Clip	-	-	-	1	-	6
7280-4CO E	Retaining Clip	-	-	-	4	-	6

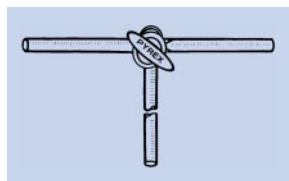
### 7282 PYREX Brand, Straight Bore, § Teflon Plug



The § taper Teflon plug fits into a micro-finish barrel. Freezing problems are reduced and greasing is eliminated. The very fine threads on the plug and nut let you "feel" the position of the plug. Sidearm seals are heavy and strong for greater durability and easier handling.

Cat. No.	Description	Approx. Plug Bore (mm)	Approx. O.D. x Length of Sidearms (mm)	Qty/Pk	Qty/Cs
7282-1 E	Complete	1	8 x 300	-	1
7282-2 E	Complete	2	8 x 300	2	6
7282-3 E	Complete	3	10 x 300	-	1
7282-4 E	Complete	4	10 x 300	2	6
7282-6 E	Complete	6	12 x 325	-	1

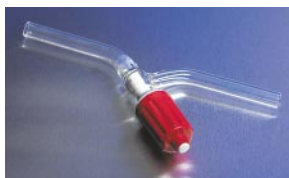
### 7420 PYREX Brand Three-way, T Shaped, Solid § Stopper Plug



This stopcock is T-shaped and has T bores, ideal for gas analysis manifolds.

Cat. No.	Approx. Plug Bore (mm)	§ Stopcock Plug No.	Approx. O.D. x Length of Sidearms (mm)	Retaining Clip No.	Qty/Pk	Qty/Cs
7420-2 E	2	2	8 x 300	4	2	8

### 7470 PYREX Brand Body, Rotaflo® PTFE High Performance Plug, Two-Way, In-Line, Plain Bore



Cat. No.	Bore (mm)	Approx. Length (mm)	Approx. O.D. of Sidearms (mm)	Qty/Cs
7470-3 E	0-3	210	8	1
7470-6 E	0-6	210	10	1
7470-10 E	0-10	224	13	1



**7473 PYREX® Brand Body, Rotaflo PTFE High Performance Plug, Two-Way, 90° Angle, Plain Bore**

Cat. No.	Bore (mm)	Approx. Height (mm)	Approx. Sidearm Length (mm)	Approx. O.D. of Sidearms (mm)	Qty/Cs
7473-3 E	0-3	155	102	8	1
7473-6 E	0-6	160	102	10	1
7473-10 E	0-10	175	102	13	1



**7475 PYREX Brand Body, Rotaflo PTFE High Performance Plugs, Three-Way, Plain Bore**

Cat. No.	Bore (mm)	Approx. Overall Length (mm)	Approx. O.D. of Sidearms (mm)	Qty/Cs
7475-3 E	0-3	215	8	1
7475-6 E	0-6	220	10	1



**7680 PYREX Brand, Stopcock Plug, Solid, Straight Bore**

Since several different bored sizes may be drilled through any given size of plug, the approved method of designating the size of a § stopcock is by bore diameter only. Interchangeable ground glass stopcocks are not intended for high vacuum apparatus or for use with light liquids. When, by constant abrasion, a stopcock has become so worn that the shell is enlarged, or the plug is diminished in size, it is recommended that you replace the plug.

Cat. No.	§ Plug No.	Approx. Length of Ground Zone (mm)	Stopper Bore (mm)	Retaining Clip No.	Qty/Cs
7680-1 E	1	30	1	1	1
7680-2 E	2	30	2	1	1
7680-3 E	3	40	3	4	1
7680-4 E	4	40	4	4	1
7680-6 E	6	44	6	5	1



**7681 PYREX Brand, Plug Assembly, Straight Bore, § Teflon®**

Cat. No.	Approx. Plug Bore (mm)	O-Ring Size	Qty/Cs
7681-1 E	1	A	1
7681-2 E	2	A	1
7681-3 E	3	B	1
7681-4 E	4	B	1
7681-8 E	8	C	1
7681-6 E	6	B	1

**STOPPERS, CAPS, AND CLOSURES**



**7570N PYREX Brand, Ground Joint**

Hollow, full length stopper closed at the bottom. Interchangeable with standard taper joints.

Cat. No.	§ Ground Joint Size	Height Above Ground Joint (mm)	Qty/Pk	Qty/Cs
7570N-24	24/40	40	–	6
7570N-10 E	10/30	31	1	6
7570N-19 E	19/38	33	–	6

**7575 PYREX® Brand, Combination Reagent Bottle/Ground Joint, Hollow**

Cat. No.	⌘ Bottle Size	⌘ Ground Joint	Height Above Ground Joint (mm)	Qty/Cs
7575-14*	14	14/20	28	6
7575-19**	19	19/22	32	6
7575-24	24	24/30	41	6
7575-29 E	29	29/35	41	6

\*The 7575-14 is a replacement part for organic chemistry kit no. 6949K.

\*\*The 7575-19 is a replacement part for organic chemistry kits nos. 6949E, 6949F, and 6949G-2.

**7620 PYREX Brand, Solid, Improved Form**

Cat. No.	⌘ Stopper No.	Approx. Length of Ground Zone (mm)	Qty/Pk	Qty/Cs
7620-19 E	19	22	–	1
7620-24 E	24	30	36	6

**7624 PYREX Brand, HDPE Polyethylene, Improved Form**

These blue and white stoppers are made with closed bottoms, of linear high-density polyethylene to conform to ⌘ stopper dimensions. The three unit rings on the base provide an efficient seal. The improved design fully protects the neck in the event of accidental tipping. These stoppers may be used in place of the conventional ⌘ flask stoppers.

Cat. No.	⌘ Stopper No.	Qty/Cs
7624-8 E	8	6
7624-9 E	9	6
7624-13 E	13	6
7624-16 E	16	6
7624-19 E	19	6
7624-22 E	22	6
7624-27 E	27	6
7624-32 E	32	6
7624-38 E	38	6

**7630 PYREX Brand, PTFE, ⌘, Key-Hole, Color-Coded**

These stoppers are made to conform to ⌘ stopper dimensions. The color-coded keys make sorting and selecting the correct size much faster and easier. These stoppers may be used in place of the conventional ⌘ flask stopper.

Cat. No.	⌘ Stopper No.	Color	Qty/Pk	Qty/Cs
7630-8	8	Gray	2	6
7630-9	9	Black	2	6
7630-13	13	Orange	2	6
7630-16	16	Blue	2	6
7630-19	19	Green	2	6
7630-22	22	Yellow	2	6
7630-27	27	Red	2	6



### 7650 PYREX® Brand, §, Hollow

The hollow PYREX stopper is light in weight, yet very strong to reduce chipping and breakage, thus minimizing replacement costs. A barrel-shaped head means it is easy to clean and even easier to rotate in or out. Grooves in the sides help prevent slippage. The flat top allows the stopper to stand on its head, which frees the user's hand and minimizes potential contamination. This PYREX stopper is interchangeable with other common flask stoppers and fits all standard labware of comparable § size.

Cat. No.	§	Stopper No.	Approx. Length of Ground Zone (mm)	Height Above Ground Joint (mm)	Qty/Cs
7650-8 E	8	8	10	25	6
7650-9 E	9	9	14	25	6
7650-13 E	13	13	14	25	6
7650-16 E	16	16	15	31	6
7650-19 E	19	19	17	32	6
7650-22 E	22	22	20.5	38	6
7650-27 E	27	27	21.5	37	6
7650-32 E	32	32	21.5	44	6
7650-38 E	38	38	30.0	52	6

### 7660 PYREX Brand, Solid, Pennyhead

Pennyhead § stoppers are generally used in flasks and separatory funnels.



Cat. No.	§	Stopper No.	Approx. Length of Ground Zone (mm)	Height Above Ground Joint (mm)	Qty/Cs
7660-9 E	9	9	14	20	6
7660-13 E	13	13	14	25	6
7660-16 E	16	16	15	25	6
7660-19 E	19	19	17	27	6
7660-22 E	22	22	20.5	30	6
7660-27 E	27	27	21.5	37	6

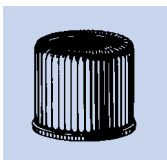
### 7666 PYREX Brand, LDPE Polyethylene, Snap Cap

These blue caps provide an economical closure for certain volumetric flasks. Refer to volumetric flask listings to determine sizes and whether the flask is designed to take such a cap.



Cat. No.		Snap Cap No.	Qty/Cs
7666-10 E		10	6
7666-25 E		25	6
7666-50 E		50	6
7666-100 E		100	6
7666-200 E		200	6
7666-250 E		250	6
7666-500 E		500	6
7666-1L E		1000	6
7666-2L E		2000	6





### 9998 CORNING® Brand, Phenolic, Teflon® Liner

This cap is fabricated of a resin specially formulated to resist the effects of temperature and steam in autoclaving. Caps are provided with a glued-in rubber liner over which is firmly bonded a Teflon interface which provides a highly inert sealing face.

Cat. No.	G.P.I. Thread Finish	Approx. Outside Height (mm)	Qty/Cs
9998-24 E	24-400	12.5	12
9998-241	24-410	18.5	144
9998-13	13-415	13.5	288
9998-15	15-415	16.0	288
9998-18	18-415	17.5	192

### 9999 CORNING Brand, Phenolic, Rubber Liner

These caps are fabricated of a resin specially formulated to resist the effects of temperature and steam in autoclaving. Caps have a glued-in, white rubber liner.



Cat. No.	G.P.I. Thread Finish	Approx. Outside Height (mm)	Qty/Pk	Qty/Cs
9999-24	24-400	12.5	–	12
9999-28	28-400	12.5	–	144
9999-38	38-400	12.5	36	144
9999-40	40-400	12.5	–	72
9999-241	24-410	18.5	36	144
9999-281	28-410	20.0	–	12
9999-132	13-415	13.5	36	288
9999-152	15-415	16.0	–	288
9999-182	18-415	17.5	32	192
9999-381M	38-430 Deeper Threads	27.0	12	72

## THERMOMETERS



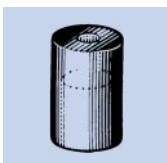
### 7711 CORNING Brand, Mercury, White Back

Cat. No.	Range (°C)	Length (mm)	Qty/Cs
7711 E*	-10° to 300°	370	1

\*This thermometer is a replacement part for organic chemistry kits Cat. No. 6949.

### 7715 CORNING Brand, Rubber Thermometer Holder

Cat. No.	Approx. O.D. x I.D. (mm)	Qty/Cs
7715 E	17 x 13	1



## TISSUE GRINDERS

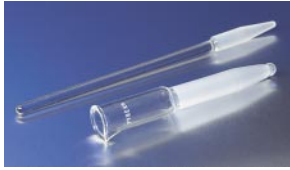
### 7722 PYREX® Brand, Tissue Grinder, Dounce, 2 Glass Pestles

Supplied with two pestles to ensure dissociation of cells into fine particles with minimal damage to cell nuclei. Use the large clearance pestle for initial reduction of soft tissue. Complete the homogenization with the small clearance pestle. Particularly useful in enzyme studies where heat build-up must be avoided.



Cat. No.	Description	Approx. Capacity (mL)	Body O.D. x Height (mm)	Qty/Cs
7722-7	Tissue Grinder	7	15 x 117	1
7722-15	Tissue Grinder	15	20 x 145	1
7722-40	Tissue Grinder	40	27 x 210	1

**7724 PYREX® Brand, Tissue Grinder, Glass Pestle**



Designed to handle both initial grinding and final homogenization in the same sequence of operations. The lower conical section is intended primarily for the initial grinding. To assist in this work the clearance between mortar and pestle can be adjusted at will by raising or lowering the pestle. The upper cylindrical section is for the final homogenization.

Cat. No.	Description	Approx. Capacity (mL)	Body O.D. x Height	Pestle O.D. x Height (mm)	Qty/Cs
7724-1 E	Tissue Grinder	1	19 x 83	7 x 155	1
7724-3	Tissue Grinder	3	13 x 125	6 x 208	1
7724-15	Tissue Grinder	15	20 x 175	10 x 267	1
7724-30	Tissue Grinder	30	27 x 220	10 x 305	1
7724-50	Tissue Grinder	50	32 x 225	16 x 345	1
7724-5 E	Tissue Grinder	5	25 x 150	11 x 225	1

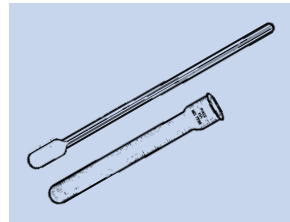
**7724T PYREX Brand, Tissue Grinder, PTFE Pestle w/Steel Shaft**



Recommended for soft tissues found in the liver and brain. Designed to handle both initial grinding and final homogenization in the same sequence of operations. Mortar is unground and the pestle contact surface is PTFE, threaded onto a stainless steel shaft.

Cat. No.	Description	Approx. Capacity (mL)	Body O.D. x Height (mm)	Qty/Cs
7724T-1	Tissue Grinder	1	13 x 110	1
7724T-3	Tissue Grinder	3	13 x 130	1
7724T-5	Tissue Grinder	5	19 x 150	1
7724T-15	Tissue Grinder	15	25 x 175	1
7724T-30	Tissue Grinder	30	27 x 215	1
7724T-50	Tissue Grinder	50	32 x 225	1

**7725 PYREX Brand, Tissue Grinder, Glass Pestle**



These tissue grinders (homogenizers) are used in preparing small samples for pathological and biochemical studies. Designed to be motor-driven. Use a friction clutch to eliminate damage to the pestle from pieces of connective tissue or muscle. The clearance between the ground tube and pestle is approximately 0.15 mm. The parts are ground to a medium grind to insure adequate abrasive qualities, yet deliver a fine homogenous sample.

Cat. No.	Description	Working Capacity (mL)	Approx. O.D. x Body Length (mm)	Qty/Pk	Qty/Cs
7725-13 E	Complete	3	16 x 100	1	4
7725-16 E	Complete	9	18 x 150	1	4
7725-19 E	Complete	16	21 x 150	1	4
7725-25 E	Complete	50	27 x 200	–	1

**Caution:** If used with a motor-driven device, the attachment must contain some form of friction release clutch to prevent damage to the apparatus. The user should wear a protective glove of sufficient thickness to prevent injury in the event of failure of the glass components.

**7725T PYREX® Brand, Tissue Grinder, Potter-Elvehjem, Teflon® Pestle**



Homogenization occurs as the sample and buffer are forced through the cylindrical portion of the mortar as the pestle is rotated downward. Mortar is unground and pestle contact surface is PTFE, threaded onto a stainless steel shaft.

Cat. No.	Description	Approx. Capacity (mL)	Body O.D. x Height (mm)	Qty/Cs
7725T-5X	Tissue Grinder	0.5	9x50	1
7725T-1	Tissue Grinder	1	9 x 65	1
7725T-3	Tissue Grinder	3	16 x 70	1
7725T-5	Tissue Grinder	5	16 x 95	1
7725T-8	Tissue Grinder	8	16 x 110	1
7725T-17	Tissue Grinder	17	21 x 150	1
7725T-45	Tissue Grinder	45	27 x 180	1

**7726 PYREX Brand, Ten Broeck, Homogenizer**



Designed for grinding small samples for pathological and bio-chemical work. It may be used manually. Adaptable for use with a slow speed stirrer by means of a rubber stopper and a rod. Catch basin bulb on the small size is 30 mm O.D. on the large size. Approximate working capacity with the pestle in place is 7 mL for the small size and 40 mL for the large size. Made in accordance with Federal Specification DD-T-363a.

Cat. No.	Description	Size	Mortar Tube O.D. x Length (mm)	Pestle O.D. x Length (mm)	Ground Zone Length (mm)	Approx. Total Length (mm)	Qty/Cs
7726-L E	Complete	L	26 x 210	20 x 335	130	340	1

**Caution:** If used with a motor-driven device, the attachment must contain some form of friction release clutch to prevent damage to the apparatus. The user should wear a protective glove of sufficient thickness to prevent injury in the event of failure of the glass components.

**7727 PYREX Brand, Ten Broeck, Homogenizer, Pour Spout**



These grinders are designed for use in hand grinding small samples for pathological or biochemical studies. It may also be motor driven at low speed if some form of friction release is provided. The mortar tubes and pestles are ground to be interchangeable. Clearance between the two parts is approximately 0.15 mm. The medium grind provides the required abrasive action to deliver well homogenized samples. Made in accordance with Federal Specification NNN-T-360B.

Cat. No.	Description	Size (mL)	Mortar Tube O.D. x Length (mm)	Pestle O.D. x Length (mm)	Bulb O.D. (mm)	Ground Zone Length (mm)	Pestle Opening Stopper No.	Approx. Total Length (mm)	Qty/ Pk	Qty/ Cs
7727-2	Complete	2	16 x 100	10.5 x 165	20	60	00	170	1	4
7727-7	Complete	7	18 x 130	12.6 x 195	25	80	00	200	1	4
7727-15	Complete	15	21 x 150	15.8 x 235	35	90	1	240	1	4
7727-40	Complete	40	27 x 210	22.1 x 335	50	130	3	340	1	2

**Caution:** If used with a motor-driven device, the attachment must contain some form of friction release clutch to prevent damage to the apparatus. The user should wear a protective glove of sufficient thickness to prevent injury in the event of failure of the glass components.

## TRAPS

### 7150 PYREX® Brand, Spargers for Tekmar Purge and Trap Equipment

PYREX purge and traps glassware is designed for use in Tekmar® purge and trap equipment.



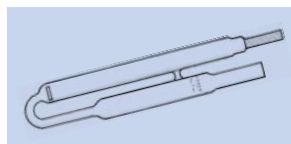
Cat. No.		Description	Qty/Cs
7150-25	E	Fritless Sparger, 25 mL (2000)	1
7150-25F	E	Frit Sparger, 25 mL (2000)	1
7150-5	E	Fritless Sparger, 5 mL (2000)	1
7150-5F	E	Frit Sparger, 5 mL (2000)	1

### 7155 PYREX Brand, Needle Sparger Glassware



Cat. No.		Description	Qty/Cs
7155-25	E	Needle Sparger, 25 mL	4
7155-5	E	Needle Sparger, 5 mL	4

### 7160 PYREX Brand, Spargers for Tekmar Automatic Samplers



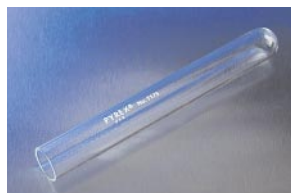
Cat. No.		Description	Qty/Cs
7160-25F	E	Frit Sparger, 25 mL (ALS and 4000)	1
7160-5F	E	Frit Sparger, 5 mL (ALS and 4000)	1

### 7165 PYREX Brand, Spargers for Tekmar Automatic Sample Concentrators



Cat. No.		Description	Qty/Cs
7165-25F	E	Frit Sparger, 25 mL (LSC-2, LSC-3)	1
7165-5F	E	Frit Sparger, 5 mL (LSC-2, LSC-3)	1

### 7175 PYREX brand, Glassware for Tekmar Heated Samplers



Cat. No.		Description	Qty/Cs
7175-150	E	Sampler, 150 mm	24
7175-4H	E	Headspace Purge Tube, 4 1/2"	6
7175-9FN	E	Fritted Purge Tube	1
7175-9N	E	Needle Purge Tube, 9 1/2"	6

### 7729 PYREX Brand, Vacuum, Separable, ⌘ Joint

With a full length outer ⌘ joint on the outer tube and an inner ⌘ joint on the inner tube. The top and side tubulations are the same O.D. as the center tube and have a length of 75 mm.



Cat. No.	Description	O.D. x Length Below Joint (mm)	Outer O.D. x Length Below Joint (mm)	Inner ⌘ Joint Size	Qty/Pk	Qty/Cs
7729-28 E	Complete	28 x 200	10 x 175	29/42	1	4
7729-32 E	Complete	32 x 225	13 x 200	34/45	1	4
7729-38 E	Complete	38 x 250	16 x 225	40/50	1	2
7729-41 E	Complete	42 x 250	20 x 225	45/50	1	2
7729-48 E	Complete	48 x 250	20 x 225	50/50	–	1
7729-51 E	Complete	52 x 250	20 x 225	55/50	1	2

## TUBES

### 6980 PYREX® Brand, NMR Tubes, 5 mm Diameter

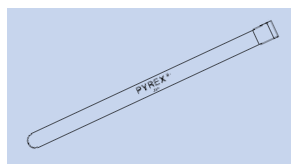


Precision NMR tubes made from quality PYREX borosilicate glass for compatibility with ground joints, valves, and vacuum racks. Made using precision bore tubing manufacturing techniques proven most reliable in NMR applications. Complete selection of tubes for all types of NMR spectrometers, from 60 to 600 MHz. All 5 mm NMR sample tubes have O.D. = 4.97 +0.000-0.013 mm I.D. of all except basic tubes are 4.20 +0.013-0.000 mm.

Cat. No.	Description	Length (Inches)	For NMR MHz	Concentricity TIR* (Inches)	Camber TIR* (Inches)	Qty/Pk	Qty/Cs
6980A-7 E	Superior Plus	7	400-750	0.0005	0.00025	–	5
6980A-8 E	Superior Plus	8	400-750	0.0005	0.00035	–	5
6980B-7 E	Superior	7	300-500	0.0005	0.0005	–	5
6980B-8 E	Superior	8	300-500	0.0005	0.0006	–	5
6980C-7 E	Deluxe Plus	7	250-400	0.0010	0.0010	–	5
6980C-8 E	Deluxe Plus	8	250-400	0.001	0.0011	–	5
6980D-7 E	Deluxe	7	200-400	0.002	0.0005	–	5
6980D-8 E	Deluxe	8	200-400	0.002	0.0006	–	5
6980E-7 E	Regular Plus	7	100-250	0.002	0.0010	5	10
6980E-8 E	Regular Plus	8	100-250	0.002	0.0011	5	10
6980F-7 E	Regular	7	60-100	0.002	0.0020	5	10
6980F-8 E	Regular	8	60-100	0.002	0.0021	5	10
6980G-7 E	Basic	7	60	0.003	0.0020	5	10
6980G-8 E	Basic	8	60	0.003	0.0021	5	10

\*TIR = Total Indicator Reading

### 6982 PYREX Brand, NMR Tubes, 10 mm Diameter

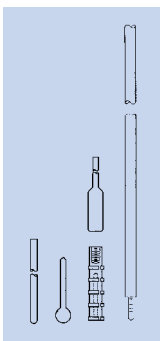


Similar to No. 6980 NMR tubes but with O.D. = 10.00 + 0.000 - 0.013 mm and I.D. = 9.07 ± 0.013 mm, and 7 inches long.

Cat. No.	Description	For NMR MHz	Concentricity TIR* (Inches)	Camber TIR* (Inches)	Qty/Cs
6982B-7 E	Superior	400-600	0.0015	0.0005	5
6982E-7 E	Regular Plus	200-300	0.002	0.001	5
6982F-7 E	Regular	60-100	0.003	0.015	5

\*TIR = Total Indicator Reading

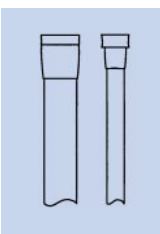
### 6984 PYREX Brand, NMR, Microcell System



Easy-to-use microsample system works with No. 6980 PYREX 5 mm NMR tubes. Avoid diluting of valuable microsamples. Three configurations in one simple-to-use system.

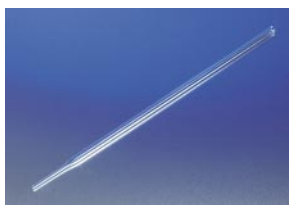
Cat. No.	Description	Capacity (mL)	Qty/Pk	Qty/Cs
6984-18SB E	Spherical Bulb	20	10	20
6984-8C E	Capillary	7	10	20
6984-110C E	Cylindrical Bulb	105	–	5
6984-TH E	Teflon® Holder	–	–	2
6984-PR E	Positioning Rod	–	–	5

### 6989 Caps for NMR Tubes



Replacement caps for No. 6980 and No. 6982 PYREX NMR tubes. Proper method to remove caps is to slice them from the tube. Caps for 5mm tubes come in eight assorted/mixed colors. Packed in bags of 100.

Cat. No.	Description	Bags/Cs	Qty/Cs
6989-5 E	5 mm NMR Tube Caps	10	1000
6989-10 E	10 mm NMR Tube Caps	10	1000

**7815 PYREX® Brand, Bleed, Capillary Tip**

For bleeding gases, steam or liquids below the liquid surface of sidearm distillation flasks.

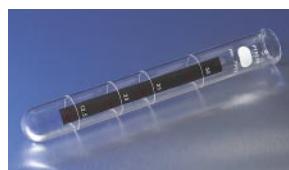
Cat. No.		Approx. O.D. x Length (mm)	Qty/Cs
7815-19	E*	7 x 280	1

\*This tube is also a replacement part for organic chemistry kits Cat. Nos. 6949E, 6949G, and 6949K.

**7900 PYREX Brand, Digestion, Folin-Wu**

Fabricated from specially selected tubing for product durability. Engraved white-filled graduations at 25 and 50 mL.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Length (mm)	Qty/Cs
7900-25	E 50.0	0.4	25 x 200	1

**7952 PYREX Brand, Lifetime Red™, Taylor, Universal, Graduated**

This tube is for general hospital laboratory work. It was designed by Dr. F.N.L. Taylor, Boston City Hospital, for determinations involving multiple calibrations and for carrying out digestions. Graduated at 12.5, 25, 35, and 50 mL, and supplied with a durable, white enamel marking spot.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Length (mm)	Qty/Cs
7952-25	E 50.0	0.4	25 x 200	1

**7995 PYREX Brand, Hybridization, Screw Cap, Graduated**

35mm I.D. tubes available in three standard lengths for use in hybridization incubators with rotators. A more convenient method requiring smaller probe solution volumes. Comes with Corning® standard GL 45 orange plug-seal cap incorporating a silicone O-ring to ensure a leak-resistant seal. The optional Corning vented membrane cap is available for low temperature assays.

Cat. No.		Description	Approx. I.D. x Length (mm)	Qty/Cs
7995-100	E	Tube, Cap, O-Ring, 100 mm L	35 x 100	2
7995-150	E	Tube, Cap, O-Ring, 150 mm L	35 x 150	2
7995-300	E	Tube, Cap, O-Ring, 300 mm L	35 x 300	2
1395-OR	E	O-Ring, Silicone	–	10
1395-45LTC		O-Ring, Silicone for 7995 Tube	–	20

For replacement caps or vented membrane cap, see Cat. No. 1395.

**8060 PYREX Brand, Centrifuge, Conical, Beaded Rim**

Uniform glass distribution in the wall, taper and bottom provides improved mechanical strength, prevents the formation of failure-causing stress regions during centrifuging and insures the highest degree of accuracy.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
8060-3	E 3.0	11 x 76	2	12
8060-5	E 5.0	13 x 101	2	12
8060-15	E 15.0	17 x 120	2	12
8060-50	E 50.0	28 x 135	2	12

**8061 PYREX Brand, Centrifuge, Conical, Pennyhead Stopper**

Uniform glass distribution in the wall, taper and bottom provides improved mechanical strength and prevents the formation of failure-causing stress during centrifuging and insures the highest degree of accuracy. This microcentrifuge tube conforms to ASTM E-237. Tubes are fitted with a No. 9 Pennyhead stopper.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Stopper No.	Qty/Cs
8061-3	3	11 x 90	9	1

For replacement stoppers, see Cat. No. 7660.





**8080 PYREX® Brand, Centrifuge, Conical, Beaded Rim, Graduated**



These tubes have white enamel graduations. The 10 and 15 mL sizes are graduated upward from tip in 0.1 mL divisions. The 50 mL size is graduated upward from tip to 10 mL in 0.5 mL divisions, and from 10 to 50 mL in 1 mL divisions.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
8080-15	15.0	17 x 119	–	12
8080-50 E	50.0	28 x 135	2	12

**8082 PYREX Brand, Centrifuge, Conical, Screw Cap, Graduated**



These tubes have white enamel graduations. The 15 mL size is graduated upward from the tip in 0.1 mL divisions. The 50 mL size is graduated upward from tip to 10 mL in 0.5 mL divisions, and from 10 to 50 mL in 1 mL divisions. The phenolic screw cap is fabricated of a resin which is specially formulated to resist the effects of temperature and steam. Caps have a glued-in, white rubber liner.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	G.P.I. Thread Finish	Qty/Cs
8082-15	15.0	17 x 134	15-415	12
8082-50	50.0	28 x 150	24-410	12

For phenolic caps, see Cat. No. 9999.

**8084 PYREX Brand, Centrifuge, Conical, Pennyhead § Stopper, Graduated**



These tubes have white enamel graduations. The 5 and 15 mL sizes are graduated upward from the tip in 0.1 mL divisions. The 50 mL size is graduated upward from tip to 10 mL in 0.5 mL divisions, and from 10 to 50 in 1 mL divisions. The pennyhead stopper is solid.

Cat. No.	Capacity (mL)	§ Stopper No.	Approx. O.D. x Length (mm) (Exclusive of Stopper)	Qty/Pk	Qty/Cs
8084-5 E	5.0	9	13 x 120	1	12
8084-15	15.0	13	17 x 139	–	12
8084-50 E	50.0	16	28 x 151	1	12

For stopper only, see Cat. No. 7660.

**8101 PYREX Brand, Centrifuge, Conical, Beaded Rim, Colored Graduations**



These tubes have sharp, colored enamel graduations and markings. The tubes are the same size and shape as our Cat. Nos. 8060 and 8080. They have precision formed tips and uniform walls throughout for a high degree of accuracy and mechanical strength.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Cs
8101-15	15.0	17 x 120	12
8101-50 E	50.0	28 x 135	1

**8120 PYREX Brand, Centrifuge, Conical, Heavy Duty, Beaded Rim**



Made to the same O.D. and length specifications as No. 8060, but of increased wall thickness for greater mechanical strength. In order to conform with outside diameter and overall length limitations imposed by shields, it has been necessary to reduce the capacity of all heavy duty tubes.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Cs
8120-12	12.0	17 x 120	12



**8124 PYREX® Brand, Centrifuge, Conical, Heavy Duty, Pennyhead Stopper**

Uniform glass distribution in the wall, taper and bottom provides improved mechanical strength and prevents the formation of failure causing stress regions during centrifuging. With a solid § pennyhead stopper.

Cat. No.	Capacity (mL)	§ Stopper No.	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
8124-12 E	12.0	13	17 x 135	1	12
8124-40 E	40.0	16	28 x 149	1	12

For stopper, see Cat. No. 7660.

**8140 PYREX Brand, Centrifuge, Conical, Heavy Duty, Beaded Rim, Graduated**



Of heavy wall construction, for greater mechanical strength, with durable, white enamel graduations. The 12 mL size is graduated upward from tip in 0.1 mL divisions. The 40 mL size is graduated in 0.5 mL divisions to 10 mL, and from 10 to 40 mL in 1 mL divisions.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
8140-12	12.0	17 x 120	–	12
8140-40 E	40.0	28 x 135	6	12

**8142 PYREX Brand, Centrifuge, Conical, Heavy Duty, Screw Cap, Graduated**



Constructed of heavy wall glass for greater mechanical strength. Graduations are with durable white enamel. The 10 mL size is graduated upward from tip in 0.1 mL divisions. The 40 mL size is graduated in 0.5 mL divisions to 10 mL, and from 10 to 40 in 1 mL divisions. Tubes are fitted with a phenolic screw cap.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	GPI Thread Finish	Qty/Cs
8142-10	10	17 x 118	15-415	1
8142-40	40	28 x 147	24-400	1

For phenolic cap, see Cat. No. 9999.

**8160 PYREX Brand, Centrifuge, Oil, Graduated**



In accordance with standard methods of testing for water and sediment in petroleum products. White graduations upward to 0.5 mL in divisions of 0.05 mL; from 0.5 mL to 2 mL in divisions of 0.1 mL; from 2 mL to 3 mL in divisions of 0.2 mL; from 3 mL to 5 mL in divisions of 0.5 mL; from 5 mL to 10 mL in divisions of 1 mL; from 10 mL to 25 mL in divisions of 5 mL and at 50, 75, and 100 mL.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Cs
8160-100	100.0	38 x 200	12

Reference: ASTM D-96, D-91, D-893 and D-1796.

**8180 PYREX Brand, Lifetime Red™, Centrifuge, Oil, Graduated**



In accordance with standard methods of testing for water and sediment in petroleum products. White graduations against a permanent red panel. Graduated upward to 0.5mL in divisions of 0.05 mL; from 0.5 mL to 2 mL in divisions of 0.1 mL; from 2 mL to 3 mL in divisions of 0.2 mL; from 3 mL to 5 mL in divisions of 0.5 mL; from 5 mL to 10 mL in divisions of 1 mL; from 10 mL to 25 mL in divisions of 5mL and at 50, 75, and 100 mL.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Cs
8180-100	100.0	38 x 200	12

Reference: ASTM D-96, D-91, D-893, and D-1796.

**8190 PYREX® Brand, Centrifuge, Oil, Graduated**



In accordance with standard methods of testing for water and sediment in petroleum products. With white graduations as listed. Tube is calibrated “to contain” and the subdivisions and capacity tolerances are indicated.

Capacity Cat. No.	(mL)	Range (mL)	Grad. Interval (mL)	From-To	Tolerance (± mL)	Approx. O.D. x Length (mm)	Qty/ Pkg	Qty/ Cs
8190-100 E	100.0	0.0-0.5	0.05	0.0-0.1	0.02	45 x 165	2	12

Reference: ASTM D-96.

**8200 PYREX Brand, Centrifuge, Oil, Pear-Shaped, Graduated**



For determination of water and sediment in petroleum products. Fabricated from mold-blown blanks to insure uniform shape and greater mechanical strength. The stem has white graduations from 0 to 1.5 mL in 0.1 mL divisions. The body is graduated from 1.5 mL to 5 mL in 0.5 mL divisions; from 5 mL to 10 mL in 1 mL divisions; and at 15, 20, 25, 50, and 100 mL.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Cs
8200-100	100.0	58 x 158	12

Reference: ASTM D-96 and D-1966.

**8220 PYREX Brand, Centrifuge, Goetz, Pear-Shaped, Graduated**



The lower stem is graduated upward to 1 mL in 0.05 mL divisions. The body is graduated from 1 mL to 5 mL in 1 mL divisions; from 5 mL to 50 mL in 5 mL divisions; and from 50 mL to 100 mL in 10 mL divisions.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Cs
8220-100	100.0	58 x 159	12

**8240 PYREX Brand, Centrifuge, Round Bottom, Pourout**



Round bottom tube with pourout spout for easy decanting.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Pkg	Qty/Cs
8240-50	50.0	29 x 116	–	12
8240-100 E	100.0	33 x 158	6	12

**8300 PYREX Brand, Centrifuge, Short Conical Bottom, Pourout, Graduated**



The durable, white enamel scale is graduated from 0 to 10 mL in 0.5 mL divisions, and from 10 mL to 50 mL in 1 mL divisions.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Cs
8300-50	50.0	29 x 118	12

**8320 PYREX Brand, Centrifuge, Heavy Duty, Short Conical Bottom, Pourout**



A heavy-walled, short conical bottom tube. With pourout spout for easy decanting.

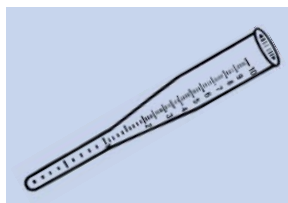
Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Cs
8320-40	40.0	29 x 116	12



**8340 PYREX® Brand, Centrifuge, Heavy Duty, Short Conical Bottom, Pourout, Graduated**

Heavy wall construction. Graduated to 10 mL in 0.5 mL divisions, and from 10 to 40 mL in 1 mL divisions. Graduations are in durable white enamel.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
8340-40 E	40.0	29 x 118	4	12



**8360 Kolmer Graduated Centrifuge Tubes, Beaded Rim**

These tubes are used in connection with the Wasselman test and to measure H<sub>2</sub>O content and potassium ions in oil muds. API RP 13B standard testing method. Graduated in 0.1 mL divisions up to 4 mL, and 0.2 mL divisions from 4 to 10 mL. Graduations are durable white enamel.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Cs
8360-10	10.0	17 x 125	12

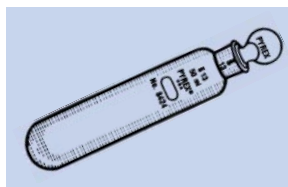


**8422 PYREX Brand, Centrifuge, Heavy Duty, Round Bottom, Screw Cap**

These tubes are useful for the handling of sputum specimens. Digestion, shaking, neutralizing and centrifuging can be performed in one container. They are also useful for other clinical and microbiological tests. Screw caps resist the effects of temperature and steam. The 50 mL tube has a black phenolic cap with a glued-in, white rubber liner. The 100mL tube has a white polypropylene cap with a Teflon® liner.

Cat. No.	Approx. Capacity (mL)	Approx. O.D. x Length (mm)	G.P.I. Thread Finish	Qty/Cs
8422-50	50.0	29 x 122	24-410	12
8422-100 E	100.0	43 x 139	38-400	1

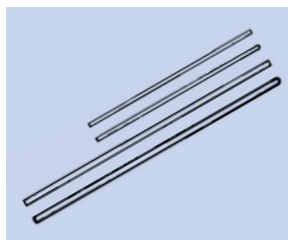
For phenolic cap for 50 mL tube, see Cat. No. 9999.



**8424 Round Bottom Centrifuge Tubes, Pennyhead Stoppers**

Round bottom, non-graduated centrifuge tube with § solid glass penny head stopper. Rockefeller Institute of Medical Research type.

Cat. No.	Description	Approx. Capacity (mL)	§ Stopper No.	Approx. O.D. x Length (mm)	Qty/Cs
8424-50	Complete	50.0	13	29 x 133	12



**9530 PYREX Brand, Melting Point, Capillary**

Made from Code No. 7800 glass. The 100 and 90 mm sizes are available with both ends open or with one end open and one closed. All tubes have a 0.2-0.25 mm wall range.

Cat. No.	Description	Approx. Length (mm)	Wall Range (mm)	Wall Tol. (± mm)	O.D. Range (mm)	I.D. Range (mm)	Approx. Pcs/Vial	Vials/ Cs	Qty/ Cs
9530-1	Open Ends	100	0.20	0.02	1.5-1.8	-	100	20	2000
9530-2	Open Ends	100	0.25	0.03	-	0.8-1.1	100	20	2000
9530-3	1 Open/1 Closed End	90	0.20	0.02	1.5-1.8	-	100	20	2000
9530-4	1 Open/1 Closed End	90	0.25	0.03	-	0.8-1.1	100	20	2000



**9540 PYREX Brand, Thiele, Melting Point**

For melting point determination tests.

Cat. No.	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
9540-25 E	25 x 150	2	12



**9560 PYREX® Brand, Thiele-Dennis, Melting Point**

Modified in design to increase the rate of circulation.

Cat. No.	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
9560-25 E	25 x 165	2	12



**9610 PYREX Brand, Weathering Test, Graduated**

Graduated upward to 0.5 mL in divisions of 0.05 mL, from 0.5 mL to 3 mL in 0.1 mL divisions, from 3 mL to 5 mL in 0.5 mL divisions and from 5 mL to 100 mL in 1 mL divisions. Made with a 3 mm vent hole located 180° from the front of the tube. For testing propane, butane and isobutane mixtures. Reference: *California Natural Gasoline Association*, Specifications TS-441-3, ASTM D-1837, D-2158.

Cat. No.	Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Cs
9610-100 E	100	37 x 200	1



**9800 PYREX Brand, Test, Beaded Rim**

These tubes are made from special tubing to give the optimum wall thickness. They are well annealed, resistant to heat and chemically stable. Rims are fire-polished. The 25 mm tube does not have a marking spot.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
9800-10	3	10 x 75	72	720
9800-12	5	12 x 75	72	720
9800-13	9	13 x 100	72	720
9800-15	14	15 x 125	72	720
9800-16	20	16 x 150	72	576
9800-18	27	18 x 150	72	576
9800-20	34	20 x 150	72	576
9800-25	55	25 x 150	72	288
9800-25X	70	25 x 200	48	192



**9820 PYREX Brand, Culture, Rimless**

Rimless for greater convenience in plugging and rack storage. Walls and bottoms are of uniform thickness. Ends are fire-polished. The 6, 22, and 25 mm O.D. tubes do not have marking spots.

Cat. No.	Capacity (mL)	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
9820-6	0.5	6 x 50	72	720
9820-10	3.0	10 x 75	72	720
9820-12*	5.0	12 x 75	72	720
9820-13**	9.0	13 x 100	72	720
9820-16	11.0	16 x 100	72	576
9820-16X	15.0	16 x 125	72	576
9820-16XX	20.0	16 x 150	72	576
9820-18	27.0	18 x 150	72	576
9820-20	34.0	20 x 150	72	576
9820-22	50.0	22 x 175	72	432
9820-25	55.0	25 x 150	72	288
9820-25X	70.0	25 x 200	48	192

\*Kahn tubes.  
\*\* Wasserman tube.



**9825 PYREX® Brand, Culture, Screw Cap**



Furnished with deep-form phenolic caps to facilitate handling and sealing after autoclaving. Caps are fabricated from a special formula resistant to the effects of temperature and steam in autoclaving. Caps are provided with a glued-in, white rubber liner. The white enamel marking spot gives an excellent surface for pencil notations. Pencil marks are easily erased.

Cat. No.		Approx. Capacity (mL)	Approx. O.D. x Length (mm)	G.P.I. Thread Finish	Qty/Pk	Qty/Cs
9825-13		9.0	13 x 100	13-415	144	288
9825-16		11.0	16 x 100	15-415	144	288
9825-16X		15.0	16x125	15-415	144	288
9825-16XX		20.0	16 x 150	15-415	144	288
9825-20		25.0	20 x 125	18-415	96	192
9825-20X		34.0	20 x 150	18-415	96	192
9825-22	E	50.0	22 x 175	18-415	48	192
9825-25		55.0	25 x 150	24-410	48	144
9825-25X	E	70.0	25 x 200	24-410	48	144
9825-38		170.0	38 x 200	38-430M	12	48

For phenolic caps, see Cat. No. 9999.

**69825 PYREXPLUS® Brand, Culture, Screw Cap, Protective Coating\***



Tube features a protective polymer coating for longer product life and safety. Protective coating helps prevent glass from shattering and reduces spills. Autoclavable (121°C) and resistant to thermal shock. Furnished with deep-form phenolic caps to facilitate handling and sealing. Caps are resistant to autoclaving and feature glued-in, white rubber liners.

Cat. No.		Approx. Capacity (mL)	Approx. O.D. x Length (mm)	G.P.I. Thread Finish	Qty/Pk	Qty/Cs
69825-13	E	9.0	13 x 100	13-415	72	144
69825-16X	E	15.0	16 x 125	15-415	72	144
69825-20X	E	34.0	20 x 150	18-415	32	96
69825-25	E	55.0	25 x 150	24-410	24	48

For phenolic cap only, see Cat. No. 9999.

Do not place over direct heat or flame. Do not heat above 121°C moist heat or 110°C dry heat.

\*Covered by U.S. Patent #4940613

**9826 PYREX Brand, Culture, Screw Cap with Teflon® Liner**



Similar to No. 9825, but phenolic cap has a PTFE interface firmly bonded to the glued-in rubber liner, providing a sure and highly inert sealing face.

Cat. No.		Approx. O.D. x Length (mm)	Approx. Capacity (mL)	G.P.I. Thread Finish	Qty/Pk	Qty/Cs
9826-13		13 x 100	9.0	13-415	144	288
9826-16		16 x 100	11.0	15-415	144	288
9826-16X		16 x 125	15.0	15-415	144	288
9826-16X X		16 x 150	20.0	15-415	144	288
9826-20		20 x 125	25.0	18-415	96	192
9826-20X		20 x 150	34.0	18-415	96	192
9826-25		25 x 150	55.0	24-410	48	144
9826-25X		25 x 200	70.0	24-410	48	144

For phenolic caps, see Cat. No. 9998.

**9840 PYREX Brand, Test, Rim, Sidearm**



The tubulation is approximately 10 mm O.D. by 25 mm long. Suitable for use as microfilter flasks.

Cat. No.		Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
9840-20	E	20 x 150	12	72
9840-25	E	25 x 200	12	36



**9850 PYREX® Brand, Culture, Flat Bottom, Rimless**

These new culture tubes with flat bottoms are ideal for plant tissue culture and general culture work. The flat bottom facilitates use with agar slants. Walls and bottoms are of uniform thickness. The tubes are rimless for greater convenience in plugging and rack storage. Optional polypropylene two position closure. Position closure open for gas exchange or closed for humidified environment. Internal drip ring minimizes contamination.

Cat. No.	Description	Approx. Capacity (mL)	Approx. Diam. x Length (mm)	Qty/Pk	Qty/Cs
26796-38	Closure*	–	38	50	100
26797-38	Closure	–	38	50	100
9850-25	Tube	39.0	25 x 100	50	100
9850-25X	Tube	47.0	25 x 120	50	100
9850-25XX	Tube	59.0	25 x 150	50	100
9850-40	Tube	130.0	40 x 130	50	100
26794-25	Closure*	–	25	36	72
26795-25	Closure	–	25	36	72
26798-40	Closure	–	40	36	72
26799-40	Closure*	–	40	24	72

\*Orange closure.

**9860 PYREX Brand, Ignition, Heavy Wall, Rimless**

These ignition tubes are made of Code No. 7740 glass and are satisfactory for most applications encountered in school work where temperatures above 600°C are not required. These tubes perform well when continually used at temperatures up to 500°C, or for short periods to 600°C.

Cat. No.	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
9860-14 E	14 x 100	72	288
9860-16 E	16 x 125	72	288
9860-18 E	18 x 150	72	144
9860-20	20 x 150	72	144
9860-25	25 x 200	24	120

**FRITTED WARE****32940 PYREX Brand, Gooch Type, High Form, Fritted Disc**

Particularly adapted to analytical work where precipitates are dried to constant weight at 110°C. Also suitable for higher temperatures, in which case it is advisable to heat in an electric furnace. Crucibles should not be subject to sudden temperature changes. In order to avoid strain, they should not be removed from the furnace until the temperature has dropped to 250°C. For low form, see Cat. No. 32960.

Cat. No.	Capacity (mL) and Porosity	Diam. of Disc (mm)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
32940-30C	30C	30	35 x 60	–	12
32940-30M	30M	30	35 x 60	–	12
32940-30F E	30F	30	35 x 60	3	12
32940-50C	50C	40	45 x 60	–	9
32940-50M	50M	40	45 x 60	–	9
32940-50F E	50F	40	45 x 60	–	1

For filter tube only, see Cat. No. 9480.



### 32960 PYREX® Brand, Gooch Type, Low Form, Fritted Disc

Particularly adapted to analytical work where precipitates are dried to constant weight at 110°C. Also suitable for higher temperatures, in which case it is advisable to heat in an electric furnace. Crucibles should not be subjected to sudden temperature changes. In order to avoid strain, they should not be removed from the furnace until the temperature has dropped to 250°C. For high form, see Cat. No. 32940.

Cat. No.		Capacity (mL) and Porosity	Diam. of Disc (mm)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
32960-15C	E	15C	20	30 x 44	–	1
32960-15M	E	15M	20	30 x 44	–	1
32960-30C	E	30C	30	41 x 50	3	12
32960-30M		30M	30	41 x 50	–	12
32960-30F	E	30F	30	41 x 50	3	12

For filter tube only, see Cat. No. 9480.

### 33950 PYREX Brand, Fritted Disc

Designed for use in PYREX brand extractors, where it is desirable to weigh the material extracted or where paper thimbles may be attacked by the chemicals used. For PYREX brand extractors and extraction apparatus, see Cat. Nos. 3740 through 3880.



Cat. No.		Approx. Body Diam. (mm)	Approx. Overall Height (mm)	Qty/Pk	Qty/Cs
33950-SC	E	25	85	1	9
33950-MEC	E	35	90	–	1
33950-MC	E	35	90	1	6
33950-LEC	E	45	130	–	1
33950-LC	E	45	130	1	6

### 33990 PYREX Brand, Morton, Bacteria, Fritted Disc

Designed by Dr. H.E. Morton of the University of Pennsylvania, this convenient glass bacteria-filtering assembly with an ultra-fine fritted disc eliminates the need for rubber stoppers and the usual difficulties encountered when sterilizing rubber. Contamination-free solutions are obtained as a result of the following design features: 1. The 10 mm sidearm on the apparatus permits the insertion of a plug. 2. A recess at the bottom of the outer ground joint also allows a plug. 3. The inverted  $\$$  29/26 ground joint provides further assurance of sterile solutions since non-sterile solutions are prevented from entering the flask when disassembling the unit. The unit will withstand the repeated sterilizations usually employed in laboratories.



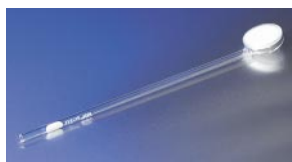
Cat. No.	Description	Capacity (mL)	Dia. of Disc (mm)	Approx. Overall Height (mm)	Qty/Cs
33990-250	E Complete	250	40	282	1

### 39525 PYREX Brand, Gas Dispersion, Fritted Disc

These tubes, with a fritted disc at an angle of 90°, are used to disperse or scrub gas in liquids. The size of gas bubbles depends upon the porosity of the fritted disc and the liquid used. The finer porosity discs give smaller bubbles; however, greater gas pressure is required. The approximate overall dimension across the disc and stem is 35 mm for a 20 mm disc and 45 mm for a 30 mm disc.



Cat. No.		Diam. of Disc (mm) and Porosity	Approx. Length (mm)	Qty/Cs
39525-20C	E	20 C	250	1
39525-30C	E	30 C	250	1



**39530 PYREX® Brand, Gas Dispersion, Vertical Type, Fritted Disc**

Tube has a fritted disc at an angle of approximately 15°. This permits the small gas bubbles to rise from the disc surface without excessive formation of large bubbles. Its performance is comparable to that of a horizontal disc. These tubes can be used in test tubes or flasks since a large opening is not required.

Cat. No.		Diam. of Disc (mm) and Porosity	Approx. Length (mm)	Dia. of Stem (mm)	Qty/Cs
39530-20C	E	20 C	250	6	1
39530-30C	E	30 C	250	6	1
39530-40C	E	40 C	250	8	1



**39533 PYREX Brand, Gas Dispersion, Fritted Cylinder**

Tube is used to disperse or scrub gas in liquids. The size of gas bubbles depends upon the porosity of the fritted disc and the liquid used. The finer porosity discs give smaller bubbles. However, greater gas pressure is required. The 12 mm. O.D. fritted cylinder permits insertion through small openings.

Cat. No.		Diam. of Disc (mm) and Porosity	Approx. Length (mm)	Dia. of Stem (mm)	Qty/Cs
39533-12C		12 C	250	8	6
39533-12EC		12 EC	250	8	6



**39534 PYREX Brand, Gas Dispersion, Horizontal Type, Fritted Disc**

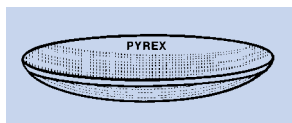
Tube is used to disperse or scrub gas in liquids. The size of gas bubbles depends upon the porosity of the fritted disc and the liquid used. The finer porosity discs give smaller bubbles, however greater gas pressure is required. Centrally located stem permits insertion through small openings.

Cat. No.		Diam. of Disc (mm) and Porosity	Approx. Length (mm)	Dia. of Stem (mm)	Qty/Cs
39534-30C		30 C	250	6	1
39534-30EC	E	30 EC	250	6	1

**WATCH GLASS**

**9985 PYREX Brand, Watch Glass**

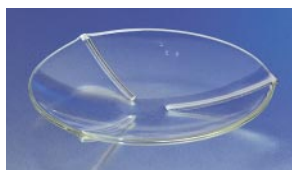
These watch glasses possess high chemical durability, thus preventing contamination of solutions. They are molded to the same radius of curvature for convenient stacking. The heavy wall and uniform fire-polished edge provide mechanical strength. The outside diameter cannot be controlled within close limits and a slight degree of out-of-round can be expected to occur.



Cat. No.	Diam. Size (mm)	Fits Beaker Size (mL)	Qty/Pk	Qty/Cs
9985-65	65	150	12	144
9985-75	75	250	12	72
9985-90	90	400	12	72
9985-100	100	600	12	144
9985-125	125	1000	12	144
9985-150	150	2000	12	144

**9990 PYREX Brand, Ribbed Watch Glass/Beaker Cover**

Designed for use as a beaker cover. Ribbs are molded into the glass so that they can't pop off as they do when cane is sealed to standard watch glasses. Permits reflux of digestate and escape of excess vapor. Eliminates risk of contamination from dropped hooks or props. Meets EPA requirements for methods 3005, 3010, and 3020.



Cat. No.	Description	Fits Beaker Size (mL)	Dia. (mm)	Qty/Cs
9990-75	Ribbed	250	75	12
9990-100	Ribbed	600	100	12
9990-125	E Ribbed	1000	125	12

# Disposable Glass

## COVER GLASS

Corning's special, optically clear, water-white cover glass is resistant to surface attack or weathering and will remain clear for extended periods of time. Packed one ounce per pack and 10 packs per case.

### 2865 CORNING® Brand, No. 1, Squares

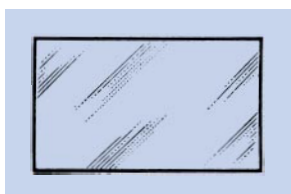
The thickness of No. 1 squares is 0.12 to 0.16 mm.



Cat. No.	Approx. Size (mm)	Approx. Pcs/Oz	Qty/Cs
2865-18	18 x 18	240	10 oz
2865-22	22 x 22	160	10 oz
2865-25	25 x 25	124	10 oz

### 2935 CORNING Brand, No. 1, Rectangles

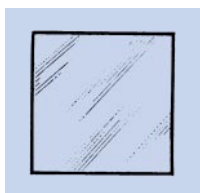
The thickness of No. 1 rectangles is 0.12 to 0.16 mm.



Cat. No.	Approx. Size (mm)	Approx. Pcs/Oz	Qty/Cs
2935-223	22 x 30	118	10 oz
2935-224	22 x 40	88	10 oz
2935-225	22 x 50	72	10 oz
2935-243	24 x 30	108	10 oz
2935-244	24 x 40	81	10 oz
2935-245	24 x 50	65	10 oz
2935-246	24 x 60	54	10 oz

### 2870 CORNING Brand, No. 1½, Squares

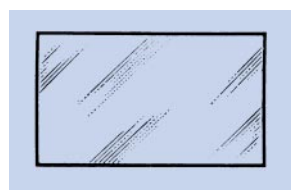
The thickness of No. 1½ squares is 0.16 to 0.19 mm.



Cat. No.	Approx. Size (mm)	Approx. Pcs/Oz	Qty/Cs
2870-18	18 x 18	198	10 oz
2870-22	22 x 22	135	10 oz
2870-25	25 x 25	102	10 oz

### 2940 CORNING Brand, No. 1½, Rectangles

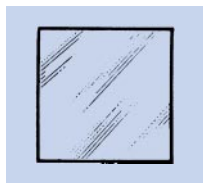
The thickness of No. 1½ rectangles is 0.16 to 0.19 mm.



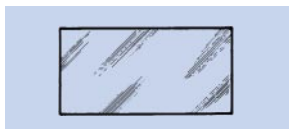
Cat. No.	Approx. Size (mm)	Approx. Pcs/Oz	Qty/Cs
2940-223	22 x 30	97	10 oz
2940-224	22 x 40	73	10 oz
2940-225	22 x 50	58	10 oz
2940-243	24 x 30	89	10 oz
2940-244	24 x 40	67	10 oz
2940-245	24 x 50	54	10 oz
2940-246	24 x 60	45	10 oz

**2875 CORNING® Brand, No. 2, Squares**

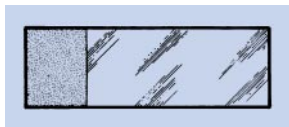
The thickness of No. 2 squares is 0.19 to 0.25 mm.



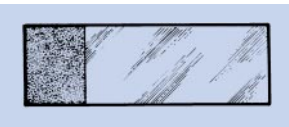
Cat. No.	Approx. Size (mm)	Approx. Pcs/Oz	Qty/Cs
2875-18	18 x 18	159	10 oz
2875-22	22 x 22	106	10 oz
2875-25	25 x 25	82	10 oz

**MICROSCOPE SLIDES****2947 CORNING Brand, Plain**

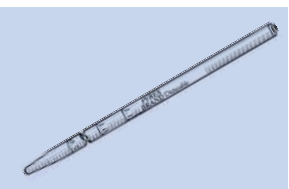
Cat. No.	Approx. Size (mm)	Thickness (mm)	Qty/Pk	Qty/Cs
2947-3x1	3" x 1"	0.90-1.10	½ GR	10 GR
2947-75x25	75 x 25	0.90-1.10	½ GR	10 GR
2947-75x38	75 x 38	0.90-1.10	½ GR	5 GR
2947-75x50	75 x 50	0.90-1.10	½ GR	5 GR

**2948 CORNING Brand, Frosted One Side, One End**

Cat. No.	Approx. Size (mm)	Thickness (mm)	Qty/Pk	Qty/Cs
2948-3x1	3" x 1"	0.90-1.10	½ GR	10 GR
2948-75x25	75 x 25	0.90-1.10	½ GR	10 GR

**2949 CORNING Brand, Frosted Two Sides, One End**

Cat. No.	Approx. Size (mm)	Thickness (mm)	Qty/Pk	Qty/Cs
2949-75x25	75 x 25	0.90-1.10	½ GR	10 GR

**PIPETTS****7058 PYREX® Disposable Glass Bacteriological Pipets, Multi-Pack, Sterile, Plugged, Graduated**

These pipets meet the requirements recommended by the American Public Health Association as shown in "Standard Methods for the Examination of Dairy Products." This pipet is very convenient when duplicate platings are to be made on the same medium or for plating differential medium for the determination of gram-negative bacteria, mold and yeast, or total plate count. Both sizes are designed for gravity feed (blow-out is not required). These cotton-plugged pipets are packaged in sterile bags. This allows the use of several pipets at a time without contamination of the entire case. New I.S.O. color-coding is printed directly on the tear strip for easy identification by size.

Cat. No.	Capacity (mL)	Pcs/Bag	Bags/Pk	Qty/Cs	Pk/Cs
7058-1X	1.1	25	10	500	2
7058-2X	2.2	25	10	500	2



### 7077 PYREX® Brand, Disposable Glass Serological, Individually Wrapped, Sterile, Plugged

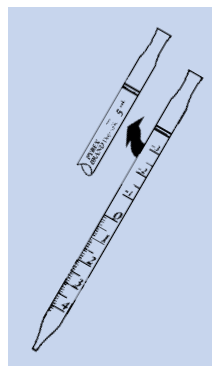


These pipets, calibrated “to deliver” with blow-out, offer long, slender, tapered tips to make pipetting go faster and easier. All pipets have negative graduations and fire-polished tips for burr-free, even flow rates. Easy-open Steri-View™ wrappers (one side paper, one side plastic) have color-coded sizes printed directly on the paper for easy identification by size. Colors conform to I.S.O. standards. Reference: ASTM E-714.

Cat. No.	Capacity (mL)	Negative Grad. (mL)	Grad. Interval (mL)	Qty/Pk	Pk/Cs	Qty/Cs
7077-1N	1.0	0.2	.01	200	4	800
7077-2N	2.0	0.2	.01	180	4	720
7077-5N	5.0	1.0	.1	120	6	720
7077-10N	10.0	2.0	.1	100	6	600

Do not pipet by mouth. We suggest using a mechanical pipetting device.

### 7077B PYREX Brand, Disposable Glass Serological, Shorty, Individually Wrapped, Sterile, Plugged



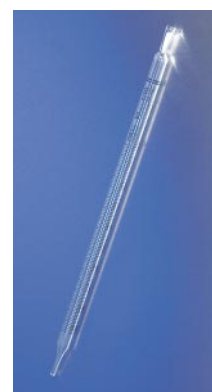
These shorty pipets, calibrated “to deliver” with blow-out, are ideal for use in confined areas. The 5, 10, and 25 mL sizes have tooled tops and the 50 mL has a polypropylene top end. Negative graduations on each pipet make it applicable for both serological and measuring procedures. I.S.O. color coding is printed directly on the Steri-View wrapper.

Cat. No.	Capacity (mL)	Neg. Grad. (mL)	Grad. Interval (mL)	Total Length (mm)	Qty/Pk	Pk/Cs	Qty/Cs
7077B-1	1.0	0.5	.01	215	250	2	500
7077B-5	5.0	3.0	.1	215	200	2	400
7077B-10	10.0	4.0	.2	215	200	2	400
7077B-25	25.0	5.0	.2	300	100	4	400
7077B-50*	50.0	3.0	.5	358	25	2	50

Do not pipet by mouth. We suggest using a mechanical pipetting device.

\*50 mL size features negative and reverse graduations.

### 7078 PYREX Brand, Disposable Glass Serological, Multi-Pack, Sterile, Plugged



Designed for the larger-volume user, these pipets are calibrated “to deliver” with blow-out, and are packed to permit easy access to several pipets at a time without contaminating the entire case. Similar to Cat. No. 7077, except multi-packed in plastic bags. New I.S.O. color-coding is printed directly on the tear strip for easy identification by size. Reference: ASTM E-714.

Cat. No.	Capacity (mL)	Negative Grad. (mL)	Grad. Interval (mL)	Qty/Bag	Bags/Pk	Pk/Cs	Qty/Cs
7078-5X E	0.5	0.2	.01	25	10	2	500
7078-1N	1.0	0.2	.1	50	5	4	1000
7078-1CN	1.0	0.2	.01	50	5	4	1000
7078-2N	2.0	0.2	.01	35	5	4	700
7078-5N	5.0	1.0	.1	30	8	4	960
7078-10N	10.0	2.0	.1	20	6	6	720

Do not pipet by mouth. We suggest using a mechanical pipetting device.

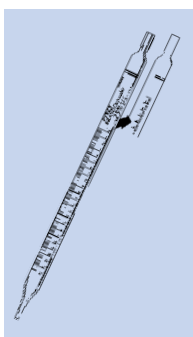
### 7078A PYREX® Brand Disposable Glass Serological Pipets, Wide-Tip, Multi-Pack, Sterile, Plugged



These sterile disposable wide orifice glass pipets are calibrated “to deliver” (TD) with blow-out, and are used when testing viscous liquids or suspensions. Designed with wider tips than standard pipets, they are easier to fill and discharge when ground-up particulate matter is used for microbiological tests. They are ideal for transferring agar, emulsifying or antifoaming agents, thycelial and fermentation broths. They are packaged in plastic bags, so several can be used at a time without contaminating the entire pack. New I.S.O. color coding is printed directly on the tear strip for easy identification by size.

Cat. No.	Capacity (mL)	Negative Grad. (mL)	Grad. Interval (mL)	Pieces/ Bag	Bags/ Pk	Qty/Cs	Pk/Cs
7078A-5	5.0	1.0	.1	25	8	400	2
7078A-10	10.0	2.0	.1	20	10	400	2

### 7078B PYREX Brand, Disposable Glass Serological, Shorty, Multi-Pack, Sterile, Plugged



These shorty pipets, calibrated “to deliver” with blow-out, are ideal for use in confined areas. The 5, 10, and 25 mL sizes have tooled tops and the 50 mL has a polypropylene top end. Negative graduations on each pipet make it applicable for both serological and measuring procedures. Packaged in plastic bags so several can be removed without contaminating the entire pack. I.S.O. color-coding is printed directly on the tear strip.

Cat. No.	Capacity (mL)	Negative Grad. (mL)	Grad. Interval (mL)	Total Length (mm)	Qty/ Bag	Bags/ Pk	Pk/Cs	Qty/Cs
7078B-1	1.0	0.5	.01	215	10	25	2	500
7078B-5	5.0	3.0	.1	215	10	20	2	400
7078B-10	10.0	4.0	.2	215	10	20	2	400
7078B-25	25.0	5.0	.2	300	5	20	4	400
7078B-50*	50.0	3.0	.5	358	5	–	10	50

Do not pipet by mouth. We suggest using a mechanical pipetting device.  
\*50 mL size features negative and reverse graduations.

### 7078D PYREX Brand Disposable Glass Serological Pipets, Flip-Top Cannister Pack, Sterile, Plugged



These pipets are calibrated “to deliver” (TD) with blow-out. They are packed in a flip-top canister to keep the pipets racked. These pipet canisters come sealed in polyethylene bags for sterility. New I.S.O. color-coding is printed directly on the tear strip for easy identification by size. Reference: ASTM E-714.

Cat. No.	Capacity (mL)	Negative Grad. (mL)	Grad. Interval (mL)	Pcs/Canister	Qty/Cs	Pk/Cs
7078D-1	1.0	0.2	.01	50	500	10
7078D-5	5.0	1.0	.1	25	400	16
7078D-10	10.0	2.0	.1	25	400	16

### 7079 PYREX® Brand Disposable Glass Serological Pipets, Bulk Pack, Nonsterile, Unplugged



These disposable PYREX glass pipets are calibrated “to deliver” (TD) with blow-out and offer long, slender, tapered tips to make pipetting go faster and easier. All pipets have negative graduations and fire polished tips for burr-free, even flow rates. Nonsterile, unplugged and bulk packed. Reference: ASTM E-714.

Cat. No.	Capacity (mL)	Negative Grad. (mL)	Grad. Interval (mL)	Pieces/Bag	Bags/Pk	Qty/Cs	Pk/Cs
7079-5X E	0.5	0.2	.01	125	1	500	2
7079-1N	1.0	0.2	.01	50	5	1000	4
7079-2N E	2.0	0.2	.01	35	5	700	4
7079-5N	5.0	1.0	.1	30	8	960	4
7079-10N	10.0	2.0	.1	20	6	720	6

## TUBES, CULTURE

### 7095B & 7095D CORNING® Brand, Bulk Pack, Non-Sterile, Non-Plugged

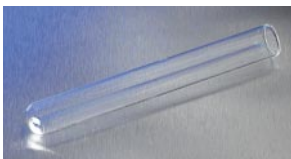


Corning disposable glass Pasteur pipets are available in convenient Packages. One-time use eliminates the danger of cross-contamination of valuable specimens or laboratory reagents. These pipets feature a constriction one inch below the top to facilitate plugging. They are ideal for rapid non-volumetric transfer work in bacteriology, immunology, hematology and serology studies, as well as blood bank and clinical chemistry procedures.

Cat. No.	Size (Inches)	Qty/Pk	Qty/Cs
7095B-5X	5.75	5	1000
7095B-9	9	5	1000
7095B-NMR E	Long Tip	–	100
7095D-5X	5.75	5	1000
7095D-9	9	5	1000

"B" series pipets are soda lime glass. "D" series are borosilicate glass.

### 99445 PYREX Brand, Culture, Disposable, Rimless, Dispenser Pack and Bulk Pack



These one-use culture tubes are packaged for your convenience in easy-to-open, easy-to-use packs. The three small sizes come in a dispenser arrangement, and the larger sizes are bulk-packed. Made of borosilicate glass to reduce pH changes and contaminants potentially leached from soda-lime glass.

Cat. No.	Approx. Volume (mL)	O.D. x Length (mm)	Qty/Pk	Qty/Cs
99445-10	4.0	10 x 75	250	1000
99445-12	6.0	12 x 75	250	1000
99445-13	10.0	13 x 100	250	1000
99445-15	11.0	15 x 85	250	1000
99445-16	15.0	16 x 100	250	1000
99445-16X	19.0	16 x 125	250	1000
99445-16XX	23.0	16 x 150	250	1000
99445-18	28.5	18 x 150	250	500
99445-20	36.0	20 x 150	250	500

**99447 PYREX® Brand, Culture, Disposable, Round Bottom, White Marking Spot, Screw Cap Style, Bulk Pack**

Designed for both tissue culture and general bacteriological work. Tubes are made of borosilicate glass and are sold without caps.

Cat. No.	Approx. Volume (mL)	O.D. x Length (mm)	G.P.I. Thread Finish	Qty/Pk	Qty/Cs
99447-13	7.5	13 x 100	13-415	250	1000
99447-16	15.5	16 x 125	15-415	250	1000
99447-16X E	19.0	16 x 150	15-415	250	1000
99447-161	11.5	16 x 100	15-415		1000
99447-20	24.0	20 x 150	18-415		500
99447-20X E	30.0	20 x 150	18-415		500

For caps, see Cat. No. 99999.

**99448 PYREX Brand, Culture, Disposable, Flat Bottom, Screw Cap Style, Bulk Pack**

Tube has flat bottom and comes without marking spot. Tubes are made of borosilicate glass and are sold without caps.

Cat. No.	Approx. Volume (mL)	O.D. x Length (mm)	G.P.I. Thread Finish	Qty/Pk	Qty/Cs
99448-16	17.0	16 x 125	15-415	250	1000
99448-16X	11.5	16 x 100	15-415	250	1000
99448-19 E	29.5	19.5 x 145	18-415	250	500

For caps, see Cat. No. 99999.

**99449 PYREX Brand, Culture, Disposable, Round Bottom, Screw Cap Style, Bulk Pack**

A round bottom tube without marking spot. Tubes are made of borosilicate glass and are sold without caps.

Cat. No.	Approx. Volume (mL)	O.D. x Length (mm)	G.P.I. Thread Finish	Qty/Pk	Qty/Cs
99449-13	7.5	13 x 100	13-415	250	1000
99449-16	11.5	16 x 100	15-415	250	1000
99449-16X	15.0	16 x 125	15-415	250	1000
99449-16XX	19.0	16x150	15-415	250	1000
99449-20	24.0	20 x 125	18-415	250	500
99449-20X	30.0	20 x 150	18-415	250	500

For caps, see Cat. No. 99999.

## TUBES, CENTRIFUGE

These tubes feature more consistent uniform wall thickness, a well formed conical tapered tip and durable tip radius. The tubes are designed to withstand centrifugation up to 3,000 RCF.

### 99501 PYREX® Brand, Centrifuge, Disposable Glass, Ungraduated, Snap Cap



Cat. No.	Approx. Volume (mL)	O.D. x Length (mm)	Cap Style	Snap Cap	Qty/Cs
99501-5	5	13 x 110	Snap Cap Closure	99500-1	125
99501-10	10	16 x 114	Snap Cap Closure	99500-2	125
99501-15	15	17 x 126	Snap Cap Closure	99500-2	125
99501-50	50	29 x 137	Tooled Rim	N/A	72

Snap caps are sold separately. Product is supplied nonsterile.

### 99502 PYREX Brand, Centrifuge, Disposable Glass, Ungraduated, Screw Cap Closure



Cat. No.	Approx. Volume (mL)	O.D. x Length (mm)	Thread Finish	Cap Style	Screw Cap	Qty/Cs
99502-5	5	13 x 110	13-415	Screw Cap Closure	9998-13 99999-13	125
99502-10	10	16 x 114	15-415	Screw Cap Closure	9998-15 99999-15	125
99502-15	15	17 x 126	15-415	Screw Cap Closure	9998-15 99999-15	125
99502-50	50	29 x 137	24-400	Screw Cap Closure	9999-24 9998-24	72

Screw caps are sold separately. Product is supplied nonsterile.

## CAPS

### 99500 CORNING® Brand, Snap Cap, Polyethylene, Orange

Corning orange polyethylene snap caps are manufactured to rigorous standards to ensure a leak proof seal.



Cat. No.	Description	Qty/Cs
99500-1	Fits 5mL Tube	500
99500-2	Fits 10mL and 15mL Tube	500

### 99999 CORNING Brand, Phenolic, Disposable, Bulk Pack

Made of a phenolic compound. These caps have a white rubber liner.



Cat. No.	G.P.I. Thread Finish	Outside Height	Qty/Cs
99999-13	13-415	13.5	1000
99999-15	15-415	16.0	1000
99999-18	18-415	17.5	1000

# Equipment

## DIGITAL HOT PLATES, STIRRERS, AND STIRRING HOT PLATES



The new Corning® digital hot plates and stirrers are made with the same durability and quality Corning has been putting into Pyroceram® top products since 1964. Digital displays are only available on 5" x 7" and 10" x 10" models. All models include Pyroceram top and a two year warranty.

- ▶ **Twin display stirring hot plate** – Truly affordable unit shows both temperature and stirring speed on separate digital displays to ensure accuracy time and time again.
- ▶ **Precise liquid temperatures and stirring speeds** – Temperature accuracy within  $\pm 2^{\circ}\text{C}$  and stirring speeds at  $\pm 5\%$  of the speed setting you choose
- ▶ **Digital displays** – Indicate when set temperature and stirring speeds are reached. Facilitate repeatability of standard operating procedures.
- ▶ **Safety indicators** – Power button and hot top indicators warn if unit is plugged in or is too hot to touch. Products have been independently tested and evaluated for compliance to product safety standards.
- ▶ **Angled front panel and large knobs** – Minimizes damage from spills and puts controls right at your fingertips

### Digital Hot Plates



Model PC-400D shown

Cat. No.	Model Number	Voltage	Temp. Range	Top Plate Size
<b>120V/60Hz</b>				
6795-400D	PC-400D	120V/60Hz	5-550°C	5" x 7" (12.7 x 17.8 cm)
6795-600D	PC-600D	120V/60Hz	5-550°C	10" x 10" (25.4 x 25.4 cm)
<b>100V/60Hz</b>				
6797-400D	PC-400D	100V/60Hz	5-550°C	5" x 7" (12.7 x 17.8 cm)
6797-600D	PC-600D	100V/60Hz	5-550°C	10" x 10" (25.4 x 25.4 cm)
<b>230V/50Hz</b>				
6798-400D	PC-400D	230V/50Hz	5-550°C	5" x 7" (12.7 x 17.8 cm)
6798-600D	PC-600D	230V/50Hz	5-550°C	10" x 10" (25.4 x 25.4 cm)

### Digital Stirrers



Model PC-410D shown

Cat. No.	Model Number	Voltage	Stir Range	Top Plate Size
<b>120V/60Hz</b>				
6795-410D	PC-410D	120V/60Hz	60-1150 RPM	5" x 7" (12.7 x 17.8 cm)
6795-610D	PC-610D	120V/60Hz	60-1150 RPM	10" x 10" (25.4 x 25.4 cm)
<b>100V/60Hz</b>				
6797-410D	PC-410D	100V/60Hz	60-1150 RPM	5" x 7" (12.7 x 17.8 cm)
6797-610D	PC-610D	100V/60Hz	60-1150 RPM	10" x 10" (25.4 x 25.4 cm)
<b>230V/50Hz</b>				
6798-410D	PC-410D	230V/50Hz	60-1150 RPM	5" x 7" (12.7 x 17.8 cm)
6798-610D	PC-610D	230V/50Hz	60-1150 RPM	10" x 10" (25.4 x 25.4 cm)



### Digital Stirring Hot Plates



Model PC-420D shown

Cat. No.	Model Number	Voltage*	Temp./Stir Range	Top Plate Size
<b>120V/60Hz</b>				
6795-420D	PC-420D	120V/60Hz	60-1150RPM	5" x 7" (12.7 x 17.8 cm)
6795-420KIT†	PC-420D	120V/60Hz	60-1150RPM	5" x 7" (12.7 x 17.8 cm)
6795-620D	PC-620D	120V/60Hz	60-1150RPM	10" x 10" (25.4 x 25.4 cm)
6795-620KIT†	PC-620D	120V/60Hz	60-1150RPM	10" x 10" (25.4 x 25.4 cm)
<b>100V/60Hz</b>				
6797-420D	PC-420D	100V/60Hz	60-1150RPM	5" x 7" (12.7 x 17.8 cm)
6797-620D	PC-620D	100V/60Hz	60-1150RPM	10" x 10" (25.4 x 25.4 cm)
<b>230V/50Hz</b>				
6798-420D	PC-420D	230V/50Hz	60-1150RPM	5" x 7" (12.7 x 17.8 cm)
6798-620D	PC-620D	230V/50Hz	60-1150RPM	10" x 10" (25.4 x 25.4 cm)

†6795-420KIT and 6795-620KIT include the 120V stirring hot plate plus temperature controller, support rod and stir bar retriever.

### Temperature Controller and Accessories

When used with the digital hot plate or stirring hot plate, the external temperature controller ensures precision temperature accuracy of the liquid inside the vessel as opposed to the temperature of the hot plate top.



Hot Plate Accessories

Cat. No.	Description	Used With Models
6795PR*	Temperature Controller for digital hot plates & stirring hot plates	PC-400D/420D/600D/620D
6795KIT	Accessory Kit (includes 6795PR - External temperature controller, 440129 - Support rods, 18," 6970SR - Stir bar retriever)	PC-400D/420D/600D/620D
440129	Stainless Steel Support Rod – two 9" (45.7 cm) rods, 5/16" diameter. Rods can be screwed together to 18"	All digital and PC-200/210/220/400/410/420
409831	Stainless Steel Support Rod – 24" (61.0 cm), 7/16" diameter	PC-600/610/620
400084	Stainless Steel Support Rod – 12" (30.5 cm), 5/16" diameter	All digital and PC-200/210/220/400/410/420
440140†	Boss Head Clamp for use with 5/16" support rod & holding rod	All hot plates with 5/16" or smaller support rod
440141	Holding Rod – thermocouple, stainless steel	All hot plates

\*Temperature controllers are not available for use with stirrer only units.

†Bosshead clamps to support rod, holding rod connects to bosshead. Temperature controller slides into holding rod.

## HOT PLATES



Corning's exclusive glass-ceramic Pyroceram® top is standard on all hot plates except the Scholar™ 170. All Pyroceram units come with a two year warranty.

**PC-200 Hot Plate**

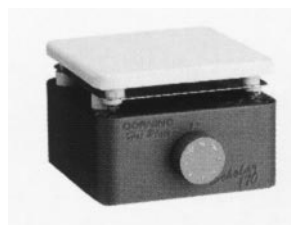
Micro-chemistry size. Hot top indicator light.

Cat. No.	Model	Power	Top Size	Temp.	Weight	Dimensions (H x W x D)
6795-200	PC-200	120V/60Hz/ 253W/2.1A	4" x 5"	77-1022°F (25-550°C)	4 lbs. (1.8 kg.)	4.4" x 5.8" x 7.3"
6796-200	PC-200	230V/50Hz/ 253W/1.1A	4" x 5"	77-1022°F (25-550°C)	4 lbs. (1.8 kg.)	4.4" x 5.8" x 7.3"
6797-200	PC-200	100V/60Hz/ 253W/2.1A	4" x 5"	77-1022°F (25-550°C)	4 lbs. (1.8 kg.)	4.4" x 5.8" x 7.3"

Note: 230 volt 6796 hot plates come with UK plug.

**Scholar™ 170 Hot Plate**

An economically priced hot plate that has a white enameled steel top plate that provides heat transfer up to 360°C. Dual heat shields dissipate heat and keep the case cool to the touch. Compact 5" x 5" size saves on bench space. UL/CUL approved, one year warranty.



Cat. No.	Model	Power	Top Size	Temp.	Weight	Dimensions (H x W x D)
6795-170	PC-170	120V/60Hz/ 250W/2.1A	5" x 5"	77-672°F (25-360°C)	3 lbs. (1.3 kg.)	4" x 5" x 5"
6796-170	PC-170	230V/50Hz/ 250W/1.1A	5" x 5"	77-672°F (25-360°C)	3 lbs. (1.3 kg.)	4" x 5" x 5"
6797-170	PC-170	100V/60Hz/ 250W/2.5A	5" x 5"	77-672°F (25-360°C)	3 lbs. (1.3 kg.)	4" x 5" x 5"

## HOT PLATES/STIRRERS

Hot plate/stirrer units come with Corning's exclusive Pyroceram® top and have a two year warranty.

**PC-220 Hot Plate/Stirrer**

Micro-chemistry size. Hot top indicator light.



Cat. No.	Model	Power	Top Size	Stir Range	Temp.	Weight	Dimensions (L x W x D)
6795-220	PC-220	120V/60Hz/ 283W/2.4A	4"x5"	60-1100 RPM	77-1022°F (25-550°C)	5.0 lbs.	4.4" x 5.8" x 7.3"
6796-220	PC-220	230V/50Hz/ 288W/1.3A	4"x5"	60-1100 RPM	77-1022°F (25-550°C)	5.0 lbs.	4.4" x 5.8" x 7.3"
6797-220	PC-220	100V/60Hz/ 280W/2.8A	4"x5"	60-1100 RPM	77-1022°F (25-550°C)	5.0 lbs.	4.4" x 5.8" x 7.3"

Note: 230 volt 6796 hot plate/stirrer comes with UK plug.

## STIRRERS

PC-210 Stirrers come w/Corning's exclusive Pyroceram® top and have a two year warranty.

## PC-210 Stirrers

Micro-chemistry size.



Cat. No.	Model	Power	Top Size	Temp.	Weight	Dimensions (L x W x D)
6795-210	PC-210	120V/60Hz/ 33W/0.3A	4"x5"	60-1100 RPM	4.5 lbs.	4.4" x 5.8" x 7.3"
6796-210	PC-210	230V/50Hz/ 38W/0.17A	4"x5"	60-1100 RPM	4.5 lbs.	4.4" x 5.8" x 7.3"
6797-210	PC-210	100V/60Hz/ 30W/0.3A	4"x5"	60-1100 RPM	4.5 lbs.	4.4" x 5.8" x 7.3"

Note: 230 volt 6796 stirrers come with UK plug.

## PC-611 Stirrers

The PC-611 is designed to stir large volumes of liquid with ease. The stirrer is designed for 5 gallon vessels (19L), but can stir up to 10 gallons. This powerful stirring is achieved with a very compact design that conserves bench space. The stirrer uses a magnet that is constructed out of rare earth metals for exceptional coupling strength. The magnet's strength also centers the stir bar quickly inside the vessel. Heavy duty motor and rugged plastic (ABS) top will provide years of reliable service. UL/CUL approved, one year warranty. 230V version is CE approved. Special Features: The PC-611 achieves vigorous stirring with a more compact unit at a lower cost than competitive units. The high volume stirrer can handle many applications that previously required an overhead stirrer.



Cat. No.	Model	Power	Top Size	Stir Range	Weight	Dimensions (L x W x D)
6795-611	PC-611	120V/50-60Hz/ 144W/1.2A	11" x 11"	100-1500 RPM	11.0 lbs. (5 kg.)	4.8" x 12.0" x 14.4"
6796-611	PC-611	230V/50-60Hz/ 92W/.4A	11" x 11"	100-1500 RPM	11.0 lbs. (5 kg.)	4.8" x 12.0" x 14.4"
6797-611	PC-611	100V/50-60Hz/ 100W/1A	11" x 11"	100-1500 RPM	11.0 lbs. (5 kg.)	4.8" x 12.0" x 14.4"

## Scholar™ 171 Stirrer

The Scholar 171 Stirrer provides compact design, vigorous stirring with alternating current motor for longer life and rugged construction. UL/CUL approved, one year warranty.



Cat. No.	Model	Power	Top Size	Stir Range	Weight	Dimensions (L x W x D)
6795-171	PC-171	120V/60Hz/ 29W/.24A	5" x 5"	100-1600 RPM	4 lbs. (1.8 kg.)	3.2" x 5.0" x 5.0"
6796-171	PC-171	230V/60Hz/ 35W/.15A	5" x 5"	100-1600 RPM	4 lbs. (1.8 kg.)	3.2" x 5.0" x 5.0"
6797-171	PC-171	100V/60Hz/ 27W/.27A	5" x 5"	100-1600 RPM	4 lbs. (1.8 kg.)	3.2" x 5.0" x 5.0"



### SS2I Stirrers

One position slow speed stirrer with integral control to accommodate up to a 2L vessel. One position model allows the user to spend less and save valuable bench space compared to multiple position units. Integral speed control and glass filled resin platform material.

Cat. No.	System Descr.	Speed Range (RPM)	No. Pos.	Nom. Stir Vol. per Pos.	Max. Vessel (Diam) (mm)	Dimen. LxWxH (mm)	Wgt. (kg)	Motor Type	Power
440811	1 x 2L	10-150	1	2L	150	150 x 150 x 70	0.9	DC, Stepper	120V/60Hz
440817	1 x 2L	10-150	1	2L	150	150 x 150 x 70	0.9	DC, Stepper	230V/50Hz



### SS10I Stirrers

One position slow speed stirrer with integral control to accommodate up to a 10L vessel. Smooth reliable stirring at slow speeds helps promote healthy cell growth. Integral speed control and glass filled resin platform material.

Cat. No.	System Descr.	Speed Range (RPM)	No. Pos.	Nom. Stir Vol. per Pos.	Max. Vessel (Diam) (mm)	Dimen. LxWxH (mm)	Wgt. (kg)	Motor Type	Power
440812	1 x 10L	10-150	1	10L	280	260x 260 x 70	2.6	DC, Stepper	120V/60Hz
440818	1 x 10L	10-150	1	10L	280	260x 260 x 70	2.6	DC, Stepper	230V/50Hz



### SS4I Stirrers

Four position slow speed stirrer with integral control to accommodate up to four 1L vessels. Multiple positions allow the user to duplicate stirring conditions in up to four vessels. Integral speed control and glass filled resin platform material.

Cat. No.	System Descr.	Speed Range (rpm)	No. Pos.	Nom. Stir Vol. per Pos.	Max. Vessel (Diam) (mm)	Dim. LxWxH (mm)	Wgt. (kg)	Motor Type	Model	Power
440814	4 x 1L	10-150	4	1L	130	260 x 260 x 70	3	DC, Stepper	SS4I	120V/60Hz
440821	4 x 1L	10-150	4	1L	130	260x 260 x 70	3	DC, Stepper	SS4I	230V/50Hz

**MP4I, MP5I, MP9I Multiple Position Stirrers with Integral Control**

Corning now offers stirrers that stir up to nine vessels at the same time. These stirring platforms come in 4, 5, and 9 position models. The four position model is available with integral or remote control. The four position remote control unit is controlled by a 12VDC remote controller so that it can be controlled from outside a fume hood or incubator. The unit's magnets and DC motor provide smooth, well coupled stirring up to 2,000 rpm. The speed of all positions on the units is set simultaneously with either the integral knob or remote controller.

**Multiple Position Stirrers**

Integral speed control and glass-filled resin platform material.

Cat. No.	Model	Power	System Descr.	Speed Range (rpm)	No. Pos.	Nom. Stir. Vol. per. Pos.	Max. Vessel (Diam) (mm)	Dimen.	Wgt. (kg)	Motor Type
440824	MP4I	120V/ 60Hz	4 x 1L	350- 2000	4	1L	130	260 x 260 x 70	3.1	DC
440825	MP5I	120V/ 60Hz	5 x 400 mL	350- 2000	5	400 mL	95	260 x 260 x 70	3.2	DC
440826	MP9I	120V/ 60Hz	9 x 250 mL	350- 2000	9	250 mL	75	260 x 260 x 70	3.8	DC
440833	MP4I	230V/ 50Hz	4 x 1L	350- 2000	4	1L	130	260 x 260 x 70	3.1	DC
440834	MP5I	230V/ 50Hz	5 x 400 mL	350- 2000	5	400 mL	95	260 x 260 x 70	3.2	DC
440835	MP9I	230V/ 50Hz	9 x 250 mL	350- 2000	9	250 mL	75	260 x 260 x 70	3.8	DC

**IM75, IM150 Submersible Stirrers**

Cat. No.	Model	Power	System Descr.	Speed Control	Speed Range (RPM)	No. Pos.	Nom. Stir. Vol. per. Pos.	Max. Vessel (Diam) (mm)	Dimen.	Plat. Mat.	Wgt. (kg)	Motor Type
440828	IM75	120V/ 60Hz	75mm Kit	Remote	350- 2000	1	400 mL	80	75 mm Diam x 60 mm	ABS	0.5	DC
440829	IM150	120V/ 60Hz	150mm Kit	Remote	350- 2000	1	2L	160	150mm Diam x 60 mm	ABS	1.8	DC

**STIR BARS**

Cat. No.	Description	Use with Model
400430	Stir Bar, 3/8" x 2"	PC-610/620
401435	Stir Bar, 3/8" x 1"	PC-210/220/410/420
401002	Stir Bars, 60 x 10 mm (5/Pack)	SS10I
401004	Stir Bars, 25 x 6 mm (5/Pack)	SS2I, SS4I
401005	Stir Bars, 15 x 4 mm (5/Pack)	MP9I, IM75
6970SR	Magnetic Stir Bar Retriever	All Corning® Stirrers and Hot Plate/Stirrers

# PYREX® VISTA™ Glassware



## 70000 PYREX VISTA Standard Low Griffin Beakers

These PYREX VISTA standard Griffin Beakers with spout, manufactured to provide balance between thermal shock resistance and mechanical strength. For convenience, the 250 through 1000 mL beakers have a double graduated metric scale to indicate approximate content. All sizes have blue graduations and an extra large blue marking spot. The 10 mL size is not graduated. The beakers are designed to ASTM E-960.

Cat. No.	Capacity (mL)	Qty/Cs	Pk/Cs
70000-10	10	24	2
70000-20	20	24	2
70000-30	30	24	2
70000-50	50	24	2
70000-100	100	24	2
70000-150	150	24	2
70000-250	250	24	2
70000-400	400	24	2
70000-600	600	12	2
70000-1L	1000	12	2



## 70022 PYREX VISTA Cylinders, Single Metric Scale, Class A, To Contain

These PYREX VISTA Class A graduated cylinders are calibrated to contain (TC) and have blue enamel graduations. The cylinder capacity is in accordance with ASTM E-1272. The 10 mL size has a funnel top. For bumper guard only, See Cat. No. 3066.

Cat. No.	Capacity (mL)	Qty/Cs	Pk/Cs
70022-10	10	24	24
70022-25	25	18	18
70022-50	50	18	18
70022-100	100	12	12
70022-250	250	12	12
70022-500	500	8	8



## 70024 PYREX VISTA Cylinders, Single Metric Scale, Class A, To Deliver

These PYREX VISTA Class A graduated cylinders are calibrated to deliver (TD) and have blue enamel graduations. The cylinder capacity is in accordance with ASTM E-1272. The 10 mL size has a funnel top for easier filling.

Cat. No.	Capacity (mL)	Qty/Cs	Pk/Cs
70024-10	10	24	24
70024-25	25	18	18
70024-50	50	18	18
70024-100	100	12	12
70024-250	250	12	12
70024-500	500	8	8



**70160 PYREX® VISTA™ Petri Culture Dishes**



These flat, clear PYREX VISTA dishes will withstand repeated sterilization (wet or dry). The edges are beaded to provide greater mechanical strength. The bead also provides a means to equally space the side walls of the bottom and cover, thereby reducing the capillary action of the condensed moisture on the sides. They are not affected chemically or thermally by any of the methods commonly employed in laboratories where sterilization is routinely used. The covered dish is not airtight. Bottoms also have a triangular blue enamel reference point for serial dilutions.

Cat. No.	Size (mm)	Qty/Cs	Pk/Cs
70160-60	60 x 15	24	2
70160-100	100 x 10	24	2
70160-101	100 x 15	24	2
70160-102	100 x 20	24	2
70160-152	150 x 20	24	2

**70100 PYREX VISTA Flat Bottom Boiling Flask, Short Neck**



These PYREX VISTA flat bottom boiling flasks have full length outer 24/40  $\text{F}$  joints, but with shorter necks. Wall thicknesses are controlled to provide balance between thermal expansion and mechanical strength for greater shock resistance. The flat bottom boiling flasks are designed to ASTM E-1403. Adapter Cat. Nos. 8800, 8820 and 8825 are used to connect flasks with different size joints, thus allowing numerous combinations for diverse assemblies.

Cat. No.	Capacity (mL)	$\text{F}$ Joint Size	Qty/Cs	Pk/Cs
70100-125	125	24/40	12	-
70100-250	250	24/40	12	2
70100-500	500	24/40	12	2
70100-1L	1000	24/40	2	2

**70320 PYREX VISTA Round Bottom Boiling Flasks, Short Neck**



These PYREX VISTA round bottom boiling flasks have full length outer  $\text{F}$  joints, but with shorter necks. They are manufactured from No. 7740 borosilicate glass. Wall thicknesses are controlled to provide balance between thermal expansion and mechanical strength for greater shock resistance. The round bottom boiling flasks are designed to ASTM E-1403. Adapter Nos. 8800, 8820 and 8825 are used to connect flasks with different size joints, thus allowing numerous combinations for diverse assemblies.

Cat. No.	Capacity (mL)	$\text{F}$ Joint Size	Qty/Cs	Pk/Cs
70320A-50	50	19/38	4	2
70320-100	100	24/40	4	2
70320-250	250	24/40	4	2
70320-500	500	24/40	4	2
70320-1L	1000	24/40	2	2
70320-2L	2000	24/40	2	2

### 70980 PYREX® VISTA™ Narrow Mouth Erlenmeyer Flasks



These narrow mouth PYREX VISTA Erlenmeyer flasks have uniform wall thickness which provide the proper balance between mechanical strength and thermal shock resistance. Approximate graduations are in durable blue enamel. An extra large blue marking space is also provided. The Erlenmeyer flasks are designed to ASTM E-1404 Type 1.

Cat. No.	Capacity (mL)	Qty/Cs	Pk/Cs
70980-25	25	24	2
70980-50	50	24	2
70980-125	125	24	2
70980-250	250	24	2
70980-500	500	12	2
70980-1L	1000	12	2

### 70340 PYREX VISTA Filtering Flask



These PYREX VISTA filtering flasks have sidearm tubulations and have blue graduations to show approximate capacity. The neck finish affords a fit for rubber stoppers. Tubulation O.D. on sizes up to 1000 mL is 10 mm. The filtering flasks are designed to ASTM E-1406 Type 2.

Cat. No.	Capacity (mL)	Qty/Cs	Pk/Cs
70340-250	250	12	2
70340-500	500	12	2
70340-1L	1000	12	2

### 70360 PYREX VISTA Micro Filtering Flask, with Tubulation



These PYREX VISTA small filtering flasks are recommended for microchemical use. All flasks have permanent blue enamel marking spots. The filtering flasks are designed to ASTM E-1406 Type 2.

Cat. No.	Capacity (mL)	Qty/Cs	Pk/Cs
70360-25	25	12	2
70360-50	50	12	2
70360-125	125	12	2

### 70640 PYREX VISTA Volumetric Flasks, Class A, Glass § Stopper



These PYREX VISTA volumetric flasks provide precise volume measurement. The necks are tooled for § glass stoppers. The graduation line is sharp and permanent and large blue block letters make the inscription easy to read. The 1 mL and 2 mL sizes are test tube shaped. These Class A volumetric flasks have been manufactured to Class A tolerances as established by ASTM E-694 for volumetric ware, ASTM E-542 for calibration of volumetric ware and ASTM E-288 for volumetric flasks.

Cat. No.	Capacity (mL)	Qty/Cs	Pk/Cs
70640-10	10	12	-
70640-25	25	12	2
70640-50	50	12	2
70640-100	100	12	2
70640-200	200	12	2
70640-250	250	12	2
70640-500	500	12	2
70640-1L	1000	2	2
70640-2L	2000	2	2

### 70710 PYREX® VISTA™ Volumetric Pipets, Class A, Reusable



These PYREX VISTA volumetric pipets are manufactured to Class A capacity tolerances as indicated by ASTM E-969. Sizes 1 mL through 10 mL are color-coded.

Cat. No.	Capacity (mL)	Color Code	Qty/Cs	Pk/Cs
70710-1	1	Blue	12	-
70710-2	2	Orange	12	-
70710-5	5	White	12	-
70710-10	10	Red	12	-

### 70800 PYREX VISTA Test Tubes, Beaded Rim



These PYREX VISTA test tubes are annealed, resistant to heat and chemically stable. Rims are fire-polished. The 25 mm diameter tubes do not have a marking spot.

Cat. No.	Approx. Volume (mL)	O.D. x Length (mm)	Qty/Cs	Pk/Cs
70800-10	3	10 x 75 mm	200	4
70800-12	5	12 x 75 mm	200	4
70800-13	9	13 x 100 mm	200	4
70800-15	14	15 x 125 mm	200	4
70800-16	20	16 x 150 mm	200	4
70800-18	27	18 x 150 mm	200	4
70800-20	34	20 x 150 mm	200	4
70800-25	55	25 x 150 mm	200	4
70800-25X	70	25 x 200 mm	200	4

### 70820 PYREX VISTA Rimless Culture Tubes



These reusable PYREX VISTA rimless culture tubes offer greater convenience in plugging and rack storage. Ends are fire-polished. The 22 and 25 mm O.D. tubes do not have blue marking spots.

Cat. No.	Approx. Volume (mL)	O.D. x Length (mm)	Qty/Cs	Pk/Cs
70820-6	0.5	6 x 50 mm	200	4
70820-10	3	12 x 75 mm	200	4
70820-12	5	12 x 75 mm	200	4
70820-13	9	13 x 100 mm	200	4
70820-16	11	16 x 100 mm	200	4
70820-16X	5	16 x 125 mm	200	4
70820-16XX	20	16 x 150 mm	200	4
70820-18	27	18 x 150 mm	200	4
70820-20	34	20 x 150 mm	200	4
70820-22	50	22 x 150 mm	200	4
70820-25	55	25 x 150 mm	200	4
70820-25X	70	25 x 200 mm	200	4

**70825 PYREX® VISTA™ Screw Cap Culture Tubes, Phenolic Caps**



These PYREX VISTA culture tubes are supplied with deep-form phenolic caps with a rubber liner to facilitate handling and sealing after autoclaving. The blue enamel marking spot gives an excellent surface for pencil notations. Pencil marks are easily erased. For replacement phenolic caps, see Cat. No. 9999.

Cat. No.	Approx. Volume (mL)	O.D. x Length (mm)	Qty/Cs	Pk/Cs
70825-13	9	13 x 100	200	4
70825-16	11	16 x 100	200	4
70825-16X	15	16 x 125	200	4
70825-16XX	20	16 x 150	200	4
70825-20	25	20 x 125	200	4
70825-20X	34	20 x 150	200	4
70825-25	55	25 x 150	200	4

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