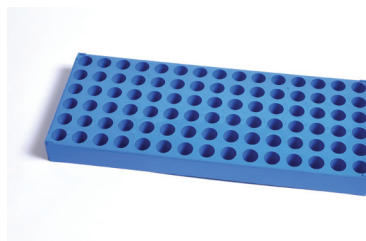




# United Scientific

## Plasticware 2020





## Properties of United Plastic Labware

Our plastic labware is manufactured from high-quality resins. Treated with proper care, United plasticware will offer long-term satisfactory service in the laboratory. Please refer to the chart below for physical properties of United plasticware.

Physical Properties of United Plastic Labware

Resin	Maximum Use Temperature (°C)	Brittleness Temperature (°C)	Transparency	Autoclavable*
High Density Polyethylene (HDPE)	120	-100	Translucent	No
Low Density Polyethylene (LDPE)	80	-100	Translucent	No
Polycarbonate (PC)	135	-135	Clear	Yes
Acrylic (PMMA)	50	20	Clear	No
Polymethylpentene (PMP)	175	20	Clear	Yes
Polypropylene (PP)	135	0	Translucent	Yes
Polystyrene (PS)	90	20	Clear	No
Polytetrafluoroethylene (PTFE)	270	-200	Opaque	Yes
Polyvinyl Chloride (PVC)	70	-30	Clear	No

\*Autoclave at 121°C, 15 psi for 20 minutes. Clean and rinse item with distilled water before autoclaving. Certain chemicals which have no appreciable effect on resins at room temperature may cause deterioration at autoclaving temperatures.

## Chemical Properties of United Plastic Labware

Class of Substance at Room Temperature	HDPE	LDPE	PC	PMMA	PP	PS	PSF	PTFE	PMP
Acids, Dilute or Weak	E	E	E	G	E	E	E	E	E
Acids, Strong and Concentrated	E	E	N	N	E	F	G	E	E
Alcohols, Aliphatic	E	E	G	N	E	E	G	E	E
Aldehydes	G	G	F	G	G	N	F	E	G
Bases	E	E	N	F	E	E	E	E	E
Esters	G	G	N	N	G	N	N	E	G
Hydrocarbons, Aliphatic	G	F	F	G	G	N	G	E	F
Hydrocarbons, Aromatic	G	F	N	N	F	N	N	E	F
Hydrocarbons, Halogenated	F	N	N	N	F	N	N	E	N
Ketones	G	G	N	N	G	N	N	E	F
Oxidizing Agents, Strong	F	F	N	N	F	N	G	E	F

### Resin Code

HDPE	High-density polyethylene
LDPE	Low-density polyethylene
PC	Polycarbonate
PMMA	Polymethyl methacrylate
PP	Polypropylene
PS	Polystyrene
PSF	Polysulfone
PTFE	Polytetrafluoroethylene
PMP	Polymethylpentene

### Chemical Resistance Classification

- E = Excellent - 30 days of constant exposure cause no damage. Plastics may even tolerate for years.
- G = Good - Little or no damage after 30 days of constant exposure to the reagent.
- F = Fair - Some effect after 7 days of constant exposure to the reagent like crazing, cracking, loss of strength or discoloration.
- N = Not Recommended - Not for continuous use. Immediate damage may occur.

Please contact us for detailed information regarding compatibility of our plasticware with specific chemicals.



# Plasticware Beakers



## Beakers, Griffin Style, Polypropylene (PP)

Beakers molded in polypropylene have excellent clarity and chemical resistance. They are autoclavable and feature raised graduations on the outer surface. Griffin Style beakers nest without sticking together.

Item No.	Capacity (ml)	Graduation Interval (ml)	O.D. x Height (mm)	Quantity per pack
BP0050	50	5	55 x 55	12
BP0100	100	5	60 x 62	12
BP0250	250	10	85 x 100	6
BP0500	500	10	100 x 120	4
BP0600	600	10	110 x 125	4
BP1000	1000	25	124 x 150	3
BP2000	2000	250	155 x 185	3

## Beakers, New Style, PP

Beakers, molded in polypropylene, have excellent clarity and very good chemical resistance. They are autoclavable and feature raised graduations on the outer surface. New Style beakers feature oversized, tapered spouts for easier pouring of solutions.

Item No.	Capacity (ml)	Graduation Interval (ml)	O.D. x Height (mm)	Quantity per pack
11110	25	5	34 x 49	12
11111	50	5	43 x 54	12
11112	100	5	53 x 62	12
11113	250	10	72 x 100	6
11114	500	10	89 x 120	4
11115	1000	25	110 x 150	3
11116	2000	50	135 x 184	3
11117	5000	200	213 x 260	1



## Stackable Beakers, PP

Polypropylene beakers are highly flexible - a gentle squeeze creates a spout anywhere on the rim. Raised molded ribs prevent the beakers from sticking together. Autoclavable.

Item No.	Capacity	Graduation Interval	O.D. x Height (mm)	Quantity per pack
BST120-PK/25	120ml/4 oz.	10ml/0.5 oz.	70 x 64	25
BST120-CASE	120ml/4 oz.	10ml/0.5 oz.	70 x 64	1000
BST500-PK/25	500ml/17 oz.	50ml/1 oz.	108 x 95	25
BST500-CASE	500ml/17 oz.	50ml/1 oz.	108 x 95	500



## Tri-Corner Beakers, PP

These sturdy polypropylene beakers feature three pouring lips for drip-less dispensing. Beakers are graduated in both ounces and milliliters. Available in packs of 100, or as an assortment of 30 beakers featuring five of each size.

Item No.	Capacity	Graduation Interval	O.D. x Height (mm)	Quantity per pack
BTC0050	50ml/1.5 oz.	10ml/0.5 oz.	57 x 67	100
BTC0100	100ml/3.5 oz.	10ml/0.5 oz.	71 x 84	100
BTC0250	250ml/8 oz.	20ml/1 oz.	88 x 101	100
BTC0400	400ml/13 oz.	40ml/1 oz.	111 x 115	100
BTC0800	800ml/26 oz.	50ml/2 oz.	137 x 134	100
BTC1000	1000ml/32 oz.	50ml/2 oz.	143 x 141	100

Item No.	Description
BTCST30	Tri-Corner Beaker Set (five each of 50ml, 100ml, 250ml, 400ml, 800ml, and 1000ml sizes)



## Plastic Beaker Set of 5, PP

This handy set for any laboratory contains five graduated polypropylene beakers in sizes 50ml, 100ml, 250ml, 500ml and 1000ml.

Item No.	Description
BPSET5	Plastic Beaker Set of 5, PP



## Plastic Beaker Set of 5, Polymethylpentene (PMP)

This set of polymethylpentene beakers offers glass-like clarity with the durability of plastic. Includes five graduated PMP beakers in sizes 50ml, 100ml, 250ml, 500ml and 1000ml.

Item No.	Description
BMSET5	Plastic Beaker Set of 5, PMP



## Beakers with Handle, Tall Form, PP

Tall form beakers with raised graduations, molded in polypropylene, are clear, autoclavable and have good chemical resistance. All sizes have handles for convenient lifting.

Item No.	Capacity (ml)	Top Flange Diameter (mm)	Height (mm)	Graduation Interval (ml)	Quantity per pack
81101	250	83	99	10	12
81102	500	97	126	10	12
81103	1000	114	170	10	6
81104	2000	150	212	20	6



## Beakers with Handle, Short Form, PP

Short form beakers with raised graduations, molded in polypropylene, are clear, autoclavable and have good chemical resistance. All sizes have handles for convenient lifting.

Item No.	Capacity (ml)	Top Flange Diameter (mm)	Height (mm)	Graduation Interval (ml)	Quantity per pack
81121	500	95	110	25	12
81122	1000	122	132	50	6
81123	2000	145	167	50	6
81124	3000	170	188	100	6
81105	5000	184	225	250	1

Item No.	Description
PJSET5	Set of 5 Beakers with Handle (one each of 500ml, 1000ml, 2000ml, 3000ml, and 5000ml sizes)





# Plasticware Beakers



## Beakers, Printed Graduations, PP

Polypropylene beakers with pouring spouts are ideal for general laboratory use. Tapered design is convenient for stacking and holding. All sizes have easy to read silk-screened graduations. Autoclavable.

Item No.	Capacity (ml)	Height (mm)	Quantity per pack
P50601	50	59	12
P50602	100	73	12
P50603	250	94	12
P50604	500	128	6
P50605	1000	150	4
P50606	2000	190	4
P50607	5000	263	2
P50608	10000	330	1



## Beakers, Printed Graduations, PMP

Polymethylpentene beakers with pouring spouts are ideal for general laboratory use. Tapered design is convenient for stacking and holding. All sizes have easy to read silk-screened graduations. Autoclavable.

Item No.	Capacity (ml)	Height (mm)	Quantity per pack
P50701	50	59	12
P50702	100	73	12
P50703	250	94	12
P50704	500	128	6
P50705	1000	150	4
P50706	2000	190	4
P50707	5000	263	2
P50708	10000	330	1



## Beakers with Handle, Printed Graduations, PP

Polypropylene beakers with pouring spouts are ideal for general laboratory use. Includes rectangular handle for easy carrying and pouring. All sizes have easy to read silk-screened graduations. Autoclavable.

Item No.	Capacity (ml)	Height (mm)	Quantity per pack
P50802	100	73	6
P50803	250	94	6
P50804	500	128	6
P50805	1000	150	4
P50806	2000	190	4
P50807	5000	248	2
P50808	10000	330	1



## Beakers with Handle, Printed Graduations, PMP

Polymethylpentene beakers with pouring spouts are ideal for general laboratory use. Includes rectangular handle for easy carrying and pouring. All sizes have easy to read silk-screened graduations. Autoclavable.

Item No.	Capacity (ml)	Height (mm)	Quantity per pack
P50902	100	73	6
P50903	250	94	6
P50904	500	128	6
P50905	1000	150	4
P50906	2000	190	4
P50907	5000	248	2
P50908	10000	330	1



# Plasticware Bottles



## Reagent Bottles, Narrow Mouth, PP

These autoclavable narrow mouth polypropylene bottles are rigid, translucent and have excellent contact clarity. Include polypropylene caps.

Item No.	Capacity (ml/oz)	Height (mm)	Neck I.D. (mm)	Cap Size (mm)	Qty per pack	Qty per case
33253	15 / 0.5	58	14	20	12	1000
33254	30 / 1	62	14	20	12	1000
33301	60 / 2	85	14	20	12	500
33302	125 / 4	101	18	24	12	500
33303	250 / 8	133	18	24	12	250
33304	500 / 16	170	21	28	12	125
33305	1000 / 32	216	21	28	6	50



## Reagent Bottles, Wide Mouth, PP

These autoclavable wide mouth polypropylene bottles are rigid, translucent and have excellent contact clarity. Include polypropylene caps.

Item No.	Capacity (ml/oz)	Height (mm)	Neck I.D. (mm)	Cap Size (mm)	Qty per pack	Qty per case
33311	30 / 1	63	21	28	12	1000
33306	60 / 2	86	21	28	12	500
33307	125 / 4	100	28	38	12	500
33308	250 / 8	131	33	43	12	250
33309	500 / 16	170	43	53	12	125
33310	1000 / 32	200	53	63	6	50



## Reagent Bottles, Narrow Mouth, HDPE

These high density polyethylene narrow mouth bottles are translucent, pliable and have excellent strength. Include polypropylene caps.

Item No.	Capacity (ml/oz)	Height (mm)	Neck I.D. (mm)	Cap Size (mm)	Qty per pack	Qty per case
33401	60 / 2	85	14	20	12	500
33402	125 / 4	101	18	24	12	500
33403	250 / 8	133	18	24	12	250
33404	500 / 16	170	21	28	12	125
33405	1000 / 32	216	21	28	6	50



## Reagent Bottles, Wide Mouth, HDPE

These high density polyethylene wide mouth bottles are translucent, pliable and have excellent strength. Include polypropylene caps.

Item No.	Capacity (ml/oz)	Height (mm)	Neck I.D. (mm)	Cap Size (mm)	Qty per pack	Qty per case
33406	60 / 2	86	21	28	12	500
33407	125 / 4	100	28	38	12	500
33408	250 / 8	131	33	43	12	250
33409	500 / 16	176	43	53	12	125
33410	1000 / 32	200	53	63	6	50



# Plasticware Bottles



**NEW PRODUCT**

90ml bottle includes a lined PP cap.

## Reagent Bottle, Narrow Mouth, HDPE, 90ml

This unique narrow mouth bottle has a capacity of 90ml and a lined polypropylene cap. Constructed of high density polyethylene, the bottle is translucent, pliable, and has excellent strength. Sold as a pack of 500.

Item No.	Description
BNM090	Reagent Bottle, Narrow Mouth, HDPE, 90ml, case of 500

## Dropper Bottle, Assembled, LDPE, 30ml

This dropper bottle is made of translucent and low density polyethylene. Bottle can be used with or without dropper.



Item No.	Description
PDB030	Dropper Bottle, Assembled, LDPE, 30ml

## Wash Bottles, LDPE

These bottles are made of translucent and low density polyethylene. Solutions can be dispensed easily by lightly squeezing the bottle. The flexible polyethylene delivery tube can be directed wherever required.



Item No.	Capacity (ml)	Quantity per pack
36601	125	12
36602	250	12
36603	500	6
36604	1000	6

## Wash Bottles, Unitary, Colored Caps, LDPE

Set of four 500ml LDPE bottles are translucent and manufactured from low density polyethylene (LDPE). Graduated on the outer surface to reflect an approximate volume of solution filled or dispensed. Bottles include polypropylene (PP) caps, one each of red, yellow, blue and white.

Item No.	Description
WBSET4	Wash Bottles, Unitary, Colored Caps, LDPE, 500ml, set of 4

## Wash Bottles, Unitary, LDPE

These bottles are made of translucent and low density polyethylene. The distinguishing feature of these bottles is the built-in delivery tube which makes it a one-piece wash bottle. Include raised graduations on the outer surface to reflect an approximate volume of solution filled or dispensed.



Item No.	Capacity (ml)	Graduation Interval (ml)	Quantity per pack
36607	125	25	12
36605	250	50	12
36606	500	100	12

## Wash Bottles, Unitary, Red, LDPE

The red color of these 500ml wash bottles provides a visual indicator that they may contain hazardous liquids. Constructed of low density polyethylene, these bottles include a built-in delivery tube.



Item No.	Description	Quantity per pack
36606-R	Wash Bottle, Unitary, Red, LDPE, 500ml	4



# Plasticware Bottles



## Carboys, PP

These polypropylene, autoclavable carboys feature wide handles for convenient carrying and pouring. Ideal for storing various laboratory solutions. Threads should be completely disengaged before autoclaving.

Item No.	Capacity (L)	O.D. x Height (mm)	Mouth I.D. (mm)	Quantity per pack
34001	10	250 x 430	67	1
34002	20	300 x 542	67	1



## Carboys with Stopcock, PP

These polypropylene, autoclavable carboys are equipped with a preassembled leak-proof stopcock. Ideal for storing and dispensing various laboratory solutions. Threads should be completely disengaged before autoclaving.

Item No.	Capacity (L)	O.D. x Height (mm)	Mouth I.D. (mm)	Quantity per pack
34051	10	250 x 430	67	1
34052	20	300 x 542	67	1



## Bottle, Vacuum, PP

This heavy-duty autoclavable bottle features thick walls and is designed for repeat vacuum applications. Cap includes a non-toxic silicone O-ring for a secure seal. Threads should be completely disengaged before autoclaving.

Item No.	Capacity (ml)	O.D. x Height (mm)	Mouth I.D. (mm)	Quantity per pack
33521	2000	120 x 275	40	1



## Aspirator Bottles, PP

These lightweight, autoclavable aspirator bottles are made from polypropylene and can be used for dispensing distilled water and other laboratory solutions. The leak-proof spigot screwed to the bottle requires only a half turn to open or close. Polyethylene cap and stopcock should be removed before autoclaving.

Item No.	Capacity (L)	O.D. x Height (mm)	Mouth I.D. (mm)	Quantity per pack
34101	5	165 x 350	45	1
34102	10	190 x 450	45	1
34103	20	230 x 520	45	1



## Bottle, Square, Wide Mouth, PP

This large, autoclavable polypropylene bottle can be used for storing and shipping chemicals and reagents. The 86mm diameter opening makes it easy to fill and dispense contents. Bottle features built-in grips on two sides for secure handling. Threads should be completely disengaged before autoclaving.

Item No.	Capacity (ml)	O.D. x Height (mm)	Mouth I.D. (mm)	Quantity per pack
33511	4000	137 x 290	86	1



## Bottles, Storage, Wide Mouth, PP

These polypropylene bottles provide an excellent option for storage of reagents and other materials in the laboratory. The square shape is designed to optimize shelf space. Available in three different sizes, these bottles feature polypropylene caps, are autoclavable, and provide good chemical resistance.

Item No.	Capacity (ml)	O.D. x Height (mm)	Mouth I.D. (mm)	Quantity per pack
81900	250	64 x 87	36	12
81901	500	78 x 115	49	12
81902	1000	100 x 135	71	6





## Microcentrifuge Tubes, PP

Made from high-quality virgin polypropylene, these microcentrifuge tubes are RNase, DNase and Pyrogen free for safer use in molecular biology and other biochemical applications. Include a connected snap cap, large molded-in graduations, and a frosted surface for easier writing. Autoclavable tubes can be used in very low temperatures and with various organic solvents. Maximum RCF 20000. Amber colored tubes are suitable for light sensitive applications because they do not allow any light to pass through the samples.

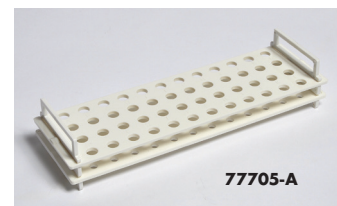
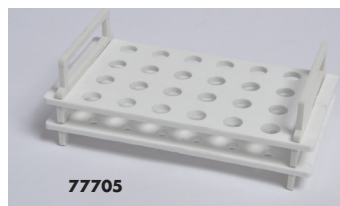
Item No.	Capacity (ml)	Outside Diameter (mm)	Height (mm)	Quantity per pack
P10201	0.5 (Natural)	10	31.5	1000
P10201A	0.5 (Amber)	10	31.5	1000
P10207	0.5 (Blue)	10	31.5	1000
P10202	1.5 (Natural)	13	41	500
P10204A	1.5 (Amber)	13	41	500
P10204	1.5 (Blue)	13	41	500
P10203	2.0 (Natural)	13	41	500
P10203A	2.0 (Amber)	13	41	500
P10205	2.0 (Blue)	13	41	500



## Microcentrifuge Tubes, Rainbow Pack, PP

This convenient assortment includes 125 each of red, blue, yellow and green tubes. Please refer to our 'Microcentrifuge Tubes, PP' presentation for a detailed listing of tube specifications.

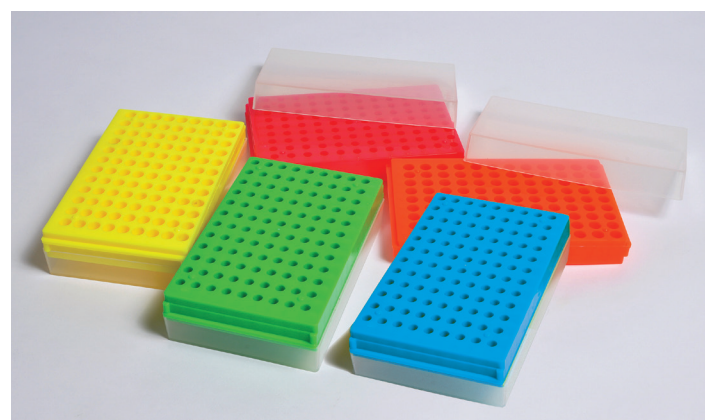
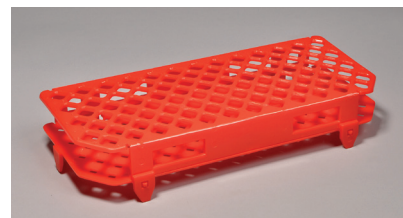
Item No.	Capacity (ml)	Outside Diameter (mm)	Height (mm)	Quantity per pack
P10204R	1.5	13	41	500



## Racks for Microcentrifuge Tubes, PC

Polycarbonate racks hold 1.5ml microcentrifuge tubes. Unique design allows racks to be securely stacked on top of each other. Includes alpha-numeric grid for easy identification of tubes. Autoclavable.

Item No.	Description	Quantity per pack
77705	24 Places	4
77705-A	48 Places	4



## Reversible Racks for Microcentrifuge Tubes, Assorted Colors, PP

Reversible racks can be used for 0.5ml or 1.5ml capacity tubes. Both sides of the rack can hold up to 108 tubes, and feature alpha-numeric grid for inventory management. Included transparent lid can be used to cover either side to provide a clear view while protecting stored tubes. Autoclavable. Pack includes one each of red, orange, yellow, green and blue racks.

Item No.	Tube Capacity (ml)	Places	L x W x H (mm)	Quantity per pack
63211	0.5 or 1.5	108 (12 x 9 array)	210 x 133 x 52	5

## Racks for Microcentrifuge Tubes, 100-Place, PP

Two-tier polypropylene racks hold up to 100 of 1.5ml microcentrifuge tubes. Racks are autoclavable and can be used in water baths or freezers. A molded-in alpha-numeric index makes sample identification easy. Racks are stackable and have a 2 3/4" x 1" labeling area on two sides.

Item No.	Description	Quantity per pack
77910	Rack for Microcentrifuge Tubes, PP	6



## Centrifuge Tubes, Self-Standing, PP/HDPE

Polypropylene tubes include a convenient flat bottom so they stand on their own, a large white frosted labeling area, silk screen graduations, and HDPE leak-proof caps.

Autoclavable at 121°C and 15 psi for 30 minutes. Radiation sterilized. DNase, RNase, Pyrogen and latex-free. Maximum RCF 9000.

Item No.	Capacity (ml)	Cap Color	O.D. x Height (mm)	Quantity per pack
P10424	50 (Sterile)	Blue	29.2 x 117.3	500



## Centrifuge Tubes, Self-Standing, PP/HDPE

Polypropylene tubes feature a convenient flat bottom so they stand on their own. Include blue HDPE leak-proof screw caps, silk-screen black graduations and a large white marking spot. Tubes are graduated from 5 to 50ml with graduation intervals of 2.5ml.

Autoclavable at 121°C and freezable to -45°C. Steam sterilized. Maximum RCF 9000.

Item No.	Capacity (ml)	O.D. x Height (mm)	Quantity per pack	Quantity per case
D1002	50 (Sterile)	29.2 x 117.3	50	500



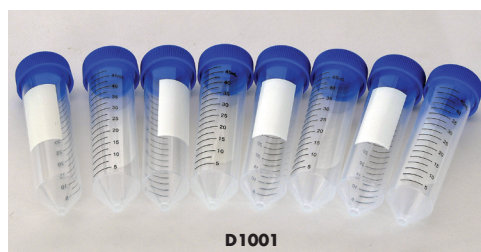
## Centrifuge Tubes, Conical Bottom, PP/HDPE

Polypropylene tubes include blue HDPE leak-proof screw caps. The tubes and caps feature specially-designed flat threads for vacuum-type closure that is leak-free at a pressure of >700mm Hg. Highly smooth hydrophobic internal surfaces minimize wall effect. Silk-screen graduations and a frosted surface make writing easier.

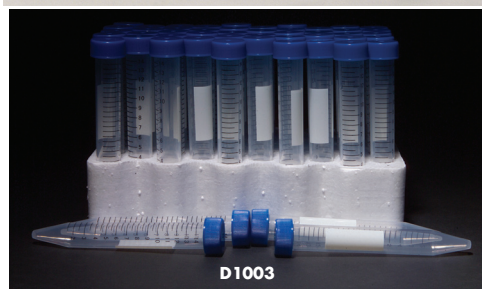
Autoclavable at 121°C and 15 psi for 30 minutes. Radiation sterilized. DNase, RNase, Pyrogen and latex-free. Maximum RCF 14000.

Amber colored tubes are suitable for light sensitive applications because they do not allow any light to pass through the samples.

Item No.	Capacity (ml)	Cap Color	O.D. x Height (mm)	Quantity per pack
P10402	15 (Sterile)	Blue	16.5 x 117.8	500
P10406	15 (Sterile Amber)	Blue	16.5 x 117.8	500
P10404	50 (Sterile)	Blue	29.2 x 114.3	500
P10408	50 (Sterile Amber)	Blue	29.2 x 114.3	500



D1001



D1003

## Centrifuge Tubes, Conical Bottom, PP/HDPE

Polypropylene tubes include blue HDPE leak-proof screw caps, silk-screen black graduations and a large white marking spot. Available in 15ml capacity (racked) or 50ml capacity (bulk in a poly bag).

15ml tubes are graduated from 2 to 14ml with graduation intervals of 0.5ml. 50ml tubes are graduated from 5 to 47.5ml with graduation intervals of 2.5ml.

Autoclavable at 121°C and freezable to -45°C. Steam sterilized. Maximum RCF 9000.

Item No.	Capacity (ml)	O.D. x Height (mm)	Quantity per pack	Quantity per case
D1003	15 (Sterile)	16.5 x 117.8	50	500
D1001	50 (Sterile)	29.2 x 114.3	50	500



## Centrifuge Tubes, Racked, Conical Bottom, PP/HDPE

Centrifuge tube and rack sets are a convenient solution for organizing and storing conical bottom tubes. Racks are made of expanded polystyrene (EPS) and include holes arranged in a zigzag format for easy dispensing. Racks contain 50 of the 15ml tubes or 25 of the 50ml tubes. Sterile tubes are available in Clear or Amber styles.

Please refer to our 'Centrifuge Tube, Conical Bottom, PP/HDPE' presentation for a detailed listing of tube specifications.

Item No.	Capacity (ml)	Height (mm)	Quantity per pack
P10412	15 (Sterile, Racked)	125	50 pcs x 10 Racks
P10414	15 (Sterile Amber, Racked)	125	50 pcs x 10 Racks
P10416	50 (Sterile, Racked)	120	25 pcs x 20 Racks
P10418	50 (Sterile Amber, Racked)	120	25 pcs x 20 Racks



## Floating Microtube Racks, PP

Floating microtube racks are ideal for thawing, cooling, or incubating samples in water or ice baths, at a wide range of temperatures from -70° to 100°C. Tubes are supported below the lip while conical ends are immersed in water. Racks feature a handle for easy removal from water bath, as well as a molded-in alpha-numeric grid for identification of samples.

Item No.	Description	Quantity per pack
63201	Floating Microtube Racks, PP	12



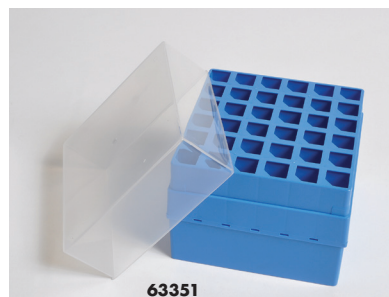
## Micro Pestles, PP

These double-ended polypropylene micro pestles feature one end that fits 1.5ml microcentrifuge tubes and another end that fits 0.5ml tubes. Autoclavable. Micro pestles are excellent for resuspending bacterial cells and precipitates of nucleic acids or proteins, and are useful for tissue grinding.

Item No.	Description	Quantity per pack
81441	Micro Pestles for 1.5ml and 0.5ml tubes	12



63352

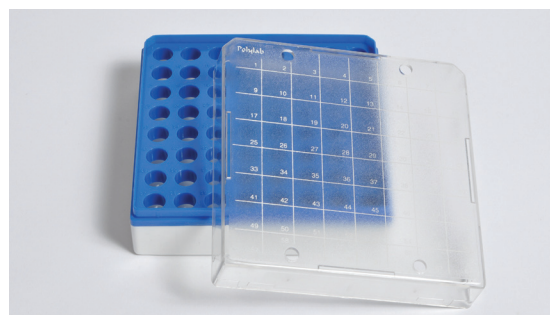


63351

## Centrifuge Tube Boxes, Economy, PP

Rugged, autoclavable centrifuge tube boxes can be used at temperatures of -90°C to 121°C. Racks hold 36 each 15ml tubes, or 16 each 50ml tubes, and feature a clear lid for easy identification of contents.

Item No.	Tube Capacity (ml)	Places	L x W x H (mm)	Quantity per pack
63351	15	36 (6 x 6 array)	145 x 145 x 125	4
63352	50	16 (4 x 4 array)	145 x 145 x 125	4



## Microcentrifuge Tube Storage Boxes, PC

These rugged autoclavable storage boxes are molded in polycarbonate, and can be used at temperatures of -150°C to 121°C. Designed to hold 100 each 0.5ml microcentrifuge tubes, or 64 each 1.5ml tubes. The numbered grid on transparent lid is keyed in one position to prevent misalignment. Lid accepts writing with a marker. Not recommended for use with liquid-phase liquid nitrogen.

Item No.	Tube Capacity (ml)	Places	L x W x H (mm)	Quantity per pack
63213	0.5	100 (10 x 10 array)	133 x 133 x 52	4
63214	1.5	64 (8 x 8 array)	133 x 133 x 52	4





## Cryo Cube Boxes, PP



66501 has a 9 x 9 array to hold 81 1.5 to 2.0ml microtubes or 1.0 to 2.0ml cryogenic vials. Each pack includes two yellow and two blue Cryo Boxes.

66502 has a 10 x 10 array to hold 100 1.5 to 2.0ml microtubes or 1.0 to 2.0ml cryogenic vials. Each pack includes two yellow and two blue Cryo Boxes.

Manufactured of polypropylene, these autoclavable boxes are stackable for sample storage in 1.5 to 2.0ml microtubes and 1.0 to 2.0ml cryogenic vials. Boxes can be used at temperatures from -90°C to 121°C.

Boxes feature a hinged lid connected to the base and a locking system to ensure secure closure. A molded alpha-numeric grid allows for easy identification of samples.

Dimensions of cryo boxes are designed to be compatible with vertical, horizontal, and drawer style freezer racks.

Each pack includes two yellow boxes and two blue boxes.

Item No.	Description	Places	L x W x H (mm)	Qty per pack
66501	Cryo Cube Box, PP	81 (9 x 9 array)	128 x 128 x 54	4
66502	Cryo Cube Box, PP	100 (10 x 10 array)	139 x 139 x 54	4



Cryo Cube Box includes a locking system to ensure secure closure.

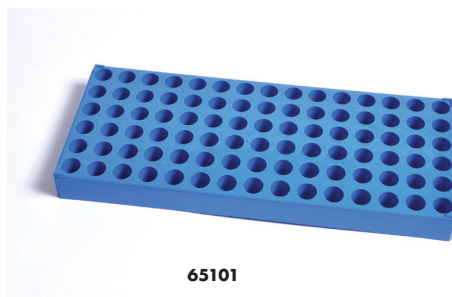


## Cryo Storage Box, PP

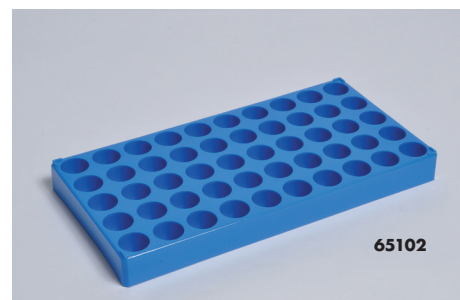
Cryo storage boxes are designed for storage of samples as low as -90°C. Hold both internal and external threaded cryogenic vials as well as storage vials. Autoclavable.

These stackable boxes provide a small, space-efficient storage system within a freezer. Include a transparent hinged lid with a secure locking closure and a numbered and lettered grid for easy identification of contents. Designed to hold up to 100 vials in a 10 x 10 array.

Item No.	Fits vial sizes (ml)	Places	L x W x H (mm)	Quantity per pack
P20607	1.5, 2.0 Microtubes, 1.0, 1.8 Cryo vials	100	140 x 140 x 55	4



65101



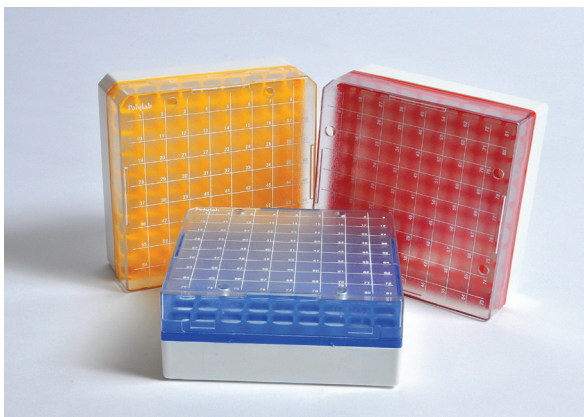
65102

## Vial Racks, PP

Sturdy, economical, and convenient racks for samples stored in vials. Autoclavable at 120°C for 20 minutes. Can be stacked when not filled, for easy storage. Each well features a drainage hole at the bottom.

Item No.	Well Dia.	Places (array)	L x W x H (mm)	Vial Capacity	Quantity per pack
65101	17mm	90 (15 x 6)	354 x 145 x 30	8ml	5
65102	29mm	50 (10 x 5)	203 x 102 x 24	20ml	5





## Cryo/Freezer Boxes, PC

Manufactured of strong polycarbonate, these boxes are ideal for compact storage of 2.0 or 5.0ml cryogenic vials. Boxes can be used at temperatures from -196°C to 121°C and are autoclavable.

Transparent lids have a numbered grid for sample identification. Frosted surface area is suitable for writing with markers.

Dimensions of cryo boxes are designed to be compatible with vertical, horizontal, and drawer style freezer racks.

66301 includes two red boxes, one blue box, and one yellow box. 66302 includes two red boxes and two blue boxes. 66303 includes an assortment of red, yellow, and blue colored boxes.

Item No.	Description	Places	L x W x H (mm)	Qty per pack
66301	Cryo Rack for 2ml vials	81 (9 x9 array)	133 x 132 x 54	4
66302	Cryo Rack for 5ml vials	81 (9 x9 array)	133 x 132 x 97	4
66303	Cryo Rack for 2ml vials	100 (10 x 10 array)	148 x 147 x 54	4

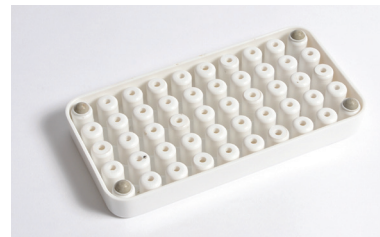


## Cryo Vials, Internal Threaded, Sterile, PP

Cryo vials are designed for storage of samples as low as -196°C\*. DNase, RNase, and Pyrogen-free. Radiation sterilized. Polypropylene vials include a cap embedded with a non-toxic silicone O-ring for a secure seal, a large white frosted labeling area, and silk screen graduations. Star base and round base vials have an internal U-shaped bottom. Self-standing star base vials are designed for one-handed use with a support rack.

\*Not recommended for use in the liquid phase of liquid nitrogen. Can be used in vapor phase of liquid nitrogen.

Item No.	Description	Outer Diameter (mm)	Height (mm)	Quantity per pack
P60109	Cryo Vial, 1.8ml Star Base	12.3	47.5	500
P60110	Cryo Vial, 1.8ml Round Base	12.3	46.2	500
P60112	Cryo Vial, 4.5ml Star Base	12.3	90.3	250
P60113	Cryo Vial, 4.5ml Round Base	12.3	89.0	250

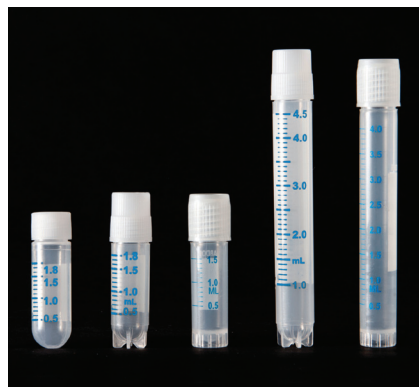


Cryo Rack includes anti-skid rubber feet.

## Cryo Rack, PC

This durable and autoclavable Cryo rack can hold 50 vials. Unique design at the bottom of each well lets vials be unscrewed without removing them from the rack. The rack features an alpha-numeric index, and anti-skid rubber feet.

Item No.	Description
66201	Cryo Rack, Polycarbonate



## Cryo Vials, External Threaded, Sterile, PP

Cryo vials are designed for storage of samples as low as -196°C\*. DNase, RNase, and Pyrogen-free. Radiation sterilized. Polypropylene vials feature a large white frosted labeling area, silk screen graduations, and a leak-proof HDPE cap. Skirted base vials have an internal flat bottom. Star base and round base vials have an internal U-shaped bottom. Self-standing star base vials are designed for one-handed use with a support rack.

\*Not recommended for use in the liquid phase of liquid nitrogen. Can be used in vapor phase of liquid nitrogen.

Item No.	Description	Outer Diameter (mm)	Height (mm)	Quantity per pack
P60102	Cryo Vial, 1.8ml Skirted Base	11.8	47.2	1000
P60116	Cryo Vial, 1.8ml Star Base	12	48.5	1000
P60117	Cryo Vial, 1.8ml Round Base	12	47.5	1000
P60103	Cryo Vial, 4.5ml Skirted Base	11.8	88	500
P60118	Cryo Vial, 4.5ml Star Base	12	91.5	500
P60119	Cryo Vial, 4.5ml Round Base	12	90.5	500



# Plasticware Cylinders



## Measuring Cylinders, Hexagonal Base, PP

Our polypropylene one-piece measuring cylinders have raised graduations for easy readability. They are autoclavable and have excellent contact clarity. The hexagonal base provides excellent stability to the cylinder, and the tapered spout enables easy pouring of reagents. Stated tolerances are the same as graduated intervals below.



Item No.	Capacity (ml)	O.D. (mm)	Height (mm)	Graduation Interval (ml)	Quantity per pack
80031	10	15	110	0.2	24
80032	25	19	170	0.5	12
80033	50	26	198	1	12
80034	100	34	210	1	12
80035	250	46	321	2	6
80036	500	56	361	5	4
80037	1000	72	375	10	3

## Measuring Cylinders, Round Base, PP

Our polypropylene one-piece measuring cylinders have raised graduations for easy readability. They are autoclavable and have excellent contact clarity. The broad round base provides good stability. Stated tolerances are the same as graduated intervals below.

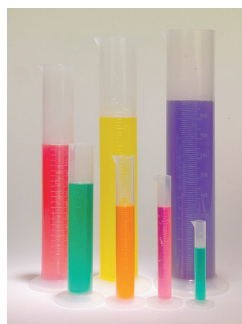


Item No.	Capacity (ml)	O.D. (mm)	Height (mm)	Graduation Interval (ml)	Quantity per pack
CP0010	10	15	110	0.2	24
CP0025	25	19	170	0.5	12
CP0050	50	26	198	1	12
CP0100	100	34	210	1	12
CP0250	250	46	321	2	6
CP0500	500	56	361	5	4
CP1000	1000	72	375	10	3
CP2000	2000	90	473	20	2

## Measuring Cylinder Sets, PP

A convenient set of seven graduated polypropylene cylinders in sizes 10ml, 25ml, 50ml, 100ml, 250ml, 500ml, and 1000ml.

Also available as a set of four in sizes 10ml, 25ml, 50ml and 100ml.



Item No.	Description
CPSET7	Plastic Graduated Cylinders, Set of 7
CPSET4	Plastic Graduated Cylinders, Set of 4

## Measuring Cylinders, Class A, PMP

Polymethylpentene cylinders have glass-like clarity and feature easy-to-read molded in graduations. Hexagonally-shaped bases for extra stability. Large spouts for smooth flow of liquids during pouring. Autoclavable to 121°C.

Meets accuracy requirements of Class A under DIN 12681. Supplied with conformity test certificate that indicates batch number and year of production.



Item No.	Capacity (ml)	Graduation Interval (ml)	Tolerance ( $\pm$ ml)	Height (mm)	Quantity per pack
P50501	10	0.2	0.1	138	1
P50502	25	0.5	0.25	169	1
P50503	50	1	0.5	198	1
P50504	100	1	0.5	258	1
P50505	250	2	1	314	1
P50506	500	5	2.5	345	1
P50507	1000	10	5	411	1
P50508	2000	20	10	482	1

## Measuring Cylinders, Class B, PMP

Polymethylpentene cylinders have glass-like clarity and feature easy-to-read molded in graduations. Hexagonally-shaped bases for extra stability. Large spouts for smooth flow of liquids during pouring. Autoclavable to 121°C.

Meets accuracy requirements of Class B under DIN 1261.



Item No.	Capacity (ml)	Graduation Interval (ml)	Tolerance ( $\pm$ ml)	Height (mm)	Quantity per pack
P50401	10	0.2	0.2	138	12
P50402	25	0.5	0.5	169	12
P50403	50	1	1	198	12
P50404	100	1	1	258	6
P50405	250	2	2	314	6
P50406	500	5	5	345	3
P50407	1000	10	10	411	3
P50408	2000	20	20	482	3

## Conical Measuring Cylinders, PP

Our polypropylene conical measuring cylinders are ideal for measuring small quantities of reagents. They are autoclavable and have excellent contact clarity. The hexagonal base provides excellent stability to the cylinder, and the tapered spout enables easy pouring of reagents. Features easy-to-read raised graduations.



Item No.	Capacity (ml)	Graduation Interval (ml)	Height (mm)	Quantity per pack
81150	12	1	65	12
81151	25	1	70	12
81152	50	2	91	12
81153	125	5	121	12
81154	200	5	149	12



## Desiccators, Non-Vacuum, White Base, PP/PC

These autoclavable desiccators are made of polypropylene (PP) and polycarbonate (PC). Autoclavable at 120°C for 15 minutes.

The top dome, molded in rigid and transparent PC, gives a crystal-clear view of the sample. The knurled knob on the top provides easy handling of the dome.

The lower part is made of PP. An internal groove on the flange holds the silicon rubber O-ring. Vacuum grease should be applied on the flanges to make it air-tight.

Item No.	Size	Flange OD/ID (mm)	Plate OD (mm)	Height (mm)	Maximum Clearance* (mm)	Qty per pack
55201	6" / 150mm	171/150	138	204	123	1
55202	8" / 200mm	232/199	190	257	166	1
55203	10" / 250mm	276/240	238	315	207	1
55208	12" / 300mm	340/300	295	405	255	1

\* Maximum clearance above plate.



## Desiccators, Vacuum, Clear Base, PP/PC

These autoclavable desiccators are made of polypropylene (PP) and polycarbonate (PC) and can hold a vacuum up to 740mm Hg for 24 hours without any greasing. Autoclavable at 120°C for 15 minutes.

The top dome, molded in rigid and transparent PC, gives a crystal-clear view of the sample. The knurled knob on the top provides easy handling of the dome.

The transparent PC bottom provides increased viewing clarity. An internal groove on the flange holds the silicon rubber O-ring.

The PP stopcock has a self-lubricating PTFE plug. The three-way plug opens to create a vacuum, closes to hold a vacuum, and opens again to release a vacuum.

Item No.	Size	Flange OD/ID (mm)	Plate OD (mm)	Height (mm)	Maximum Clearance* (mm)	Qty per pack
55214	6" / 150mm	171/150	138	204	123	1
55215	8" / 200mm	232/199	190	257	166	1
55216	10" / 250mm	276/240	238	315	207	1
55217	12" / 300mm	340/300	295	405	255	1

\* Maximum clearance above plate.



## Desiccators, Vacuum, White Base, PP/PC

These autoclavable desiccators are made of polypropylene (PP) and polycarbonate (PC) and can hold a vacuum up to 740mm Hg for 24 hours without any greasing. Autoclavable at 121°C for 15 minutes.

The top dome, molded in rigid and transparent PC, gives a crystal-clear view of the sample. The knurled knob on the top provides easy handling of the dome.

The lower part is made of PP and includes a perforated PP desiccator plate. An internal groove on the flange holds the silicon rubber O-ring.

The PP stopcock accepts 1/4" I.D. tubing and has a self-lubricating PTFE plug. Use the three-way plug to create a vacuum, release a vacuum, or for shut-off.

Item No.	Size	Flange OD/ID (mm)	Plate OD (mm)	Height (mm)	Maximum Clearance* (mm)	Qty per pack
55204	6" / 150mm	171/150	138	204	123	1
55205	8" / 200mm	232/199	190	257	166	1
55206	10" / 250mm	276/240	238	315	207	1
55207	12" / 300mm	340/300	295	405	255	1

\* Maximum clearance above plate.



TUBEFK



HVP001

## Hand Vacuum Pump

Good quality, economical hand operated air/ is easy to operate. Each squeeze of the pump delivers approximately 15ml, and can be used to create vacuum of 50mm Hg, or air pressure of about 2 atm (standard atmosphere). Pump features a gauge along with a removable cap and elastic valve to provide quick vacuum release without dismantling the pump from the line. Recommended for general laboratory use for applications that do not require high or precise vacuums.

Item No.	Description
HVP001	Hand Vacuum Pump
TUBEFK	Tubing, Vacuum, 18 inch length





# Plasticware Funnels



## Erlenmeyer Flasks, Wide Mouth, PP

Wide mouth polypropylene flasks are autoclavable and include a screw cap for easy mixing and storage of solutions. Flasks are graduated to show approximate volumes.



Item No.	Capacity (ml)	Graduation Interval (ml)	Quantity per pack
FP0125	125	25	12
FP0250	250	50	12
FP0500	500	50	12



## Separatory Funnels, PP

These pear-shaped polypropylene separating funnels feature excellent clarity and strength, and include a leak-proof threaded screw cap. The polypropylene stopcock is fitted with a self-lubricating PTFE plug. Not graduated.

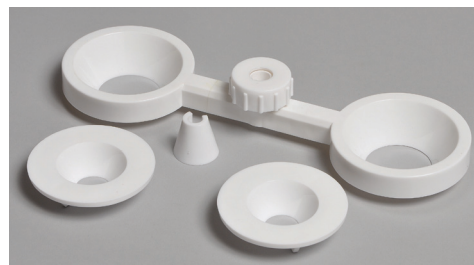
Item No.	Capacity (ml)	Top Outside Diameter (mm)	Stem Length (mm)	Quantity per pack
81201	100	55	45	1
81202	250	75	45	1
81203	500	90	45	1

## Separatory Funnel Holder, PP

This non-corrosive separatory funnel holder, molded in polypropylene, has a front opening which provides clear view of the solution and allows unobstructed placement of separating funnels. Two tapered wedges are provided to ensure firm grip on rods measuring 1/2" or 3/8" diameter.



Item No.	Description	Quantity per pack
45104	Separatory Funnel Holder, PP	12



## Funnel Holder, Double, PP

Suspend two funnels simultaneously using this polypropylene holder. These corrosion-resistant holders can be used with 3" to 6" diameter funnels, and include an extra plate to accommodate 1" to 3" diameter funnels. Two tapered wedges are provided to ensure firm grip on rods measuring 1/2" or 3/8" diameter.

Item No.	Description	Quantity per pack
45106	Funnel Holder, Double, PP	6

## Funnel Holder, Single, PP

This corrosion-resistant polypropylene holder can be used with 3" to 6" diameter funnels, and includes an extra plate to accommodate 1" to 3" diameter funnels. Two tapered wedges are provided to ensure firm grip on rods measuring 1/2" or 3/8" diameter.



Item No.	Description	Quantity per pack
45103	Funnel Holder, Single, PP	12



## Funnels, Buchner, PP

These polypropylene two-piece funnels are light-weight, easy to clean and autoclavable. The top portion snaps into the lower one, forming a vacuum seal that does not require greasing. The base of the top portion has a perforated filter plate.

Item No.	Capacity (ml)	Top O.D. (mm)	Stem Length (mm)	Filter Paper Size (cm)	Quantity per pack
57105	125	80	60	7	12
57105-A	300	104	70	9	12
57106	650	136	85	11	12





# Plasticware Funnels



## Funnels, Short Stem, Plastic

These powder funnels feature wide, short stems. The 35ml and 300ml sizes are made of high density polyethylene, and the 100ml size is made of polypropylene.

Item No.	Capacity (ml)	Top Outside Diameter (mm)	Stem Length (mm)	Quantity per pack
FHD165	35	65	20	12
FHD185	100	85	30	12
FHD125	300	125	38	12



## Funnels, Industrial, PP

Heavy-duty polypropylene funnels include a molded-in handle. Designed to provide convenient filling of carboys, drums and barrels.

Item No.	Capacity (oz.)	Overall Height (mm)	Top Inside Diameter (mm)	Stem Length (mm)	Quantity per pack
57231	48	240	195	85	1
57232	84	300	245	90	1

## Funnels, Powder, PE

A good quality polyethylene powder funnel for general lab use.



Item No.	Capacity (oz.)	Overall Height (mm)	Top Inside Diameter (mm)	Stem Length (mm)	Quantity per pack
FPP100	5	95	105	23	6

## Funnels, Powder, PP

Polypropylene funnels have short, wide stems for convenient use with powders. Autoclavable.

Item No.	Capacity (oz.)	Overall Height (mm)	Top Inside Diameter (mm)	Stem Length (mm)	Quantity per pack
57221	2	65	65	22	12
57222	3	85	78	30	12
57223	5	105	100	33	6
57224	16	135	145	30	6



## Funnels, Standard Stem, PP

These clear funnels have long stems, smooth walls and external ribs to prevent air lock. Molded in polypropylene. Autoclavable.



Item No.	Capacity (ml)	Top Outside Diameter (mm)	Stem Length (mm)	Quantity per pack
FSP55	20	57	40	12
FSP65	45	67	65	12
FSP75	75	79	70	12
FSP10	150	101	85	6
FSP150	500	150	110	6

## Funnels, Utility, PP

Available in three sizes, these funnels have eight internal ribs to facilitate filtration. They are made of polypropylene.

Item No.	Capacity (ml)	Top Outside Diameter (mm)	Stem Length (mm)	Quantity per pack
FPPC35	5	37	30	12
FPPC52	25	56	30	12
FPPC65	40	67	30	12
FPPC03-PK/3	One each of the above 3 funnels.			



## Economy Plasticware Kit

An affordable assortment of some of most commonly used plastic labware items. Kit consists of 20 items shipped in a plastic storage box.

### Contents:

Beaker, 100ml	1
Beaker, 250ml	1
Graduated Cylinder, 10ml	1
Graduated Cylinder, 100ml	1
Funnel, 65mm top diameter	1
Drop Dispenser Bottle	1
Reagent Bottle	4
Wash Bottle	1
Plastic Test Tubes	3
Pipettes	6



Item No.	Description
PLKIT20	Economy Plasticware Kit

## Plasticware Starter Kit



A customized plasticware assortment that is designed for general laboratory use. Starter kit includes the following:

### Contents:

Beaker Set of 5 (50, 100, 250, 500 & 1000ml)	1
Graduated Cylinder Set of 4 (10, 25, 50 & 100ml)	1
Wash Bottle, 250ml	1
Wash Bottle, 500ml	1
Reagent Bottle, PP, Narrow Mouth, 250ml	1
Reagent Bottle, PP, Narrow Mouth, 500ml	1
Reagent Bottle, PP, Wide Mouth, 250ml	1
Reagent Bottle, PP, Wide Mouth, 500ml	1
Measuring Jug, 500ml	1
Measuring Jug, 1000ml	1

Item No.	Description
PLSKIT1	Plasticware Starter Kit

## Plastic Labware Value Set



Economical, and convenient starter kit or refresher set. Includes an assortment of popular plastic labware items. All items in the set except wash bottles are autoclavable. Set includes 26 labware items in addition to 12 plastic tubes.

### Contents:

Beakers (50, 100, 250, 500 & 1000ml)	5
Graduated Cylinders (10, 25, 50, 100, 250, 500 1000ml)	7
Wash Bottles, Unitary, 500ml	4
Storage Bottles, Square, Wide Mouth, 500ml	6
Erlenmeyer Flasks, Wide Mouth, with cap, 250ml	3
Test Tube Rack, with 12 tubes	1

Item No.	Description
PLSKIT2	Plastic Labware Value Set



## Pipette Stand, Vertical, 28-Place, PP

Polypropylene, non-corrosive pipette stand can hold up to 28 pipettes. The heavy base is 9" in diameter and the polypropylene coated square rod is 15" high. The top disc has holes for supporting the pipettes while the lower disc has pilot holes where pipette tips rest and liquids can drain down to the base. Distance between the discs can be adjusted to accommodate various pipette lengths.

Item No.	Description	Quantity per pack
79102	Pipette Stand, Vertical, 28-Place, PP	1



## Pipette Stand, Rotary, 94-Place, PP

Molded in polypropylene, this non-corrosive pipette stand holds up to 94 pipettes and can be rotated for convenient selection of any pipette. Central vertical axis measures 19" in height. The lower rotating disc measures 9" in diameter and has four concentric troughs that align with the upper disc. This stand can be easily disassembled and reassembled.

Item No.	Description	Quantity per pack
79103	Pipette Stand, Rotary, 94-Place, PP	1



## Pipette Stand, Horizontal, 12-Place, PP

Polypropylene pipette stand can hold up to 12 pipettes in a horizontal position. Autoclavable. Stand is constructed with three polypropylene coated metal rods for extra weight and stability. Can be easily disassembled and reassembled.

Item No.	Description	Quantity per pack
79101	Pipette Stand, Horizontal, 12-Place, PP	6



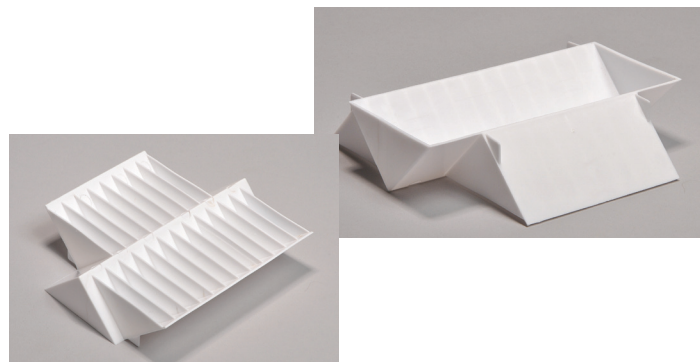
NEW PRODUCT

## Pipette/Instrument Organizer Tray, PP

Designed for organizing pipettes or other lab instruments, our pipette tray is designed to fit large drawers, refrigerators and bench tops. Tray features 4 deep columns (approx. 3/4" deep) and is recommended for 1 to 10ml pipettes.

Dimensions are 16" x 12" x 1" and is autoclavable. Molded in polypropylene and features 1/8" thick walls.

Item No.	Description
PPT004	Pipette/Instrument Organizer Tray, PP



## Reversible Reagent Reservoir, PP

This versatile polypropylene reservoir is useful for single and multichannel micropipettes. Positioned one way, it provides a 50ml reservoir for use with a single channel micropipette. Flipped over, it provides a numbered reservoir with eight separate 5ml reagent channels, and a numbered reservoir with twelve separate 5ml reagent channels. Autoclavable. Sold as a pack of 6.

Item No.	Description
79131	Reversible Reagent Reservoir, PP, pack of 6



## Reagent Reservoir, PP

For use with micropipettes. Total capacity of 75ml. Includes graduation marks at 10, 30 and 60ml levels. Autoclavable. Sold as a pack of 12.

Item No.	Description
79121	Reagent Reservoir, PP, pack of 12



## Safety Goggles Box, Acrylic

Store goggles, glasses, or other small lab products using this clear acrylic box. It can be used on a desktop or can be mounted on a wall. Includes a lid to keep the box free of dust or contamination. Available in two sizes.

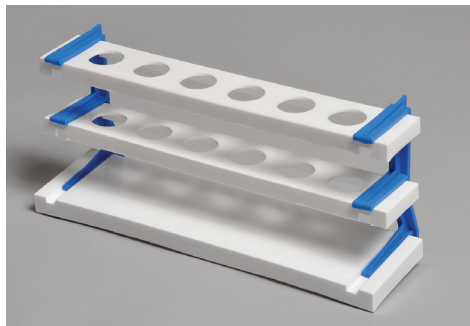
Item No.	L x W x H (cm)	Size	Quantity per pack
P70106	23 x 16 x 18	Small	1
P70107	23 x 16 x 25	Large	1



## Parafilm M® Dispenser, Acrylic

Durable acrylic dispenser is ideal for storing, dispensing and cutting Parafilm M® tape and labels. Holds 2" or 4" rolls and includes a sharp, serrated blade for easy cutting. Lid opens for quick loading of rolls. Parafilm M not included.

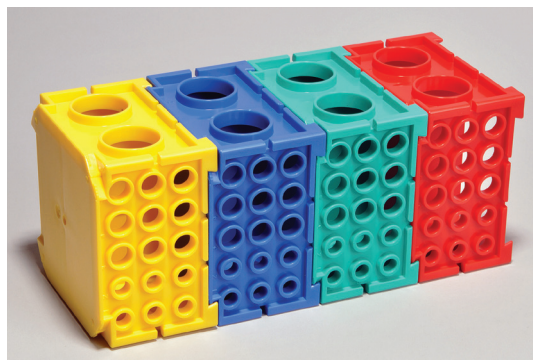
Item No.	Capacity (inch)	L x W x H (mm)	Quantity per pack
P70401	2 and 4	180 x 120 x 160	1



## Nessler Cylinder Racks, 6-Tube, PP

Polypropylene rack is designed to hold six Nessler cylinders. Flat lower deck is white to provide a reflective surface. Chemical and corrosion resistant rack can be autoclaved at 121°C (250°F).

Item No.	Description
76101	Nessler Cylinder Rack for 50ml cylinders, PP
76102	Nessler Cylinder Rack for 100ml cylinders, PP



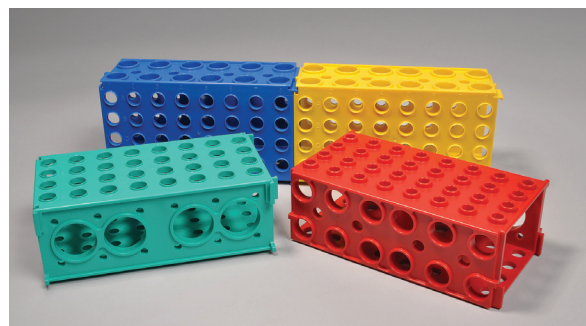
## Rotator Workstation, PP

Organize various sized tubes using the Rotator workstation. Racks can be joined together using the unique rotate and lock design. Add as many racks as you need. Racks can withstand temperatures of -80°C to 121°C and are autoclavable. Built-in ridges enable easy drainage of liquids.

Rotator workstations hold the following products:

Tube Diameter	Number per unit
50 ml Centrifuge Tubes	2 per unit
15 ml Centrifuge Tubes	8 per unit
1.5ml or 2.0ml Microcentrifuge Tubes	9 per unit
0.5ml Microcentrifuge Tubes	6 per unit
PCR plates (unskirted or semi-skirted 96 well)	1 per 2 units put together
PCR 8-tube strips	6 per unit
PCR 12-tube strips	8 per 2 unit
PCR 0.2ml tubes	48 per unit

Item No.	L x W x H (mm)	Quantity per pack
P20208	108 x 68 x 108	4 (one each Blue, Green, Yellow and Red)



## Multi Combination Racks, PP

Organize various sized tubes and vials. Racks can withstand temperatures of -80°C to 121°C and are autoclavable.

Multi Combination Racks hold the following products:

Tube Diameter	Number per unit
50 ml Centrifuge Tubes	4 per unit
15 ml Centrifuge Tubes	12 per unit
1.5ml or 2.0ml Microcentrifuge Tubes	32 per unit
0.5ml Microcentrifuge Tubes	32 per unit
RIA Vial / Plastic Test Tube 12 x 75mm	32 per unit

Item No.	L x W x H (mm)	Quantity per pack
P20209	175 x 90 x 65	4 (one each Blue, Green, Yellow and Red)





# Plasticware Racks



## Test Tube Rack Set, Plastic Tubes

This set contains twelve 15ml screw top graduated plastic tubes and a brightly colored two tiered polypropylene test tube rack.

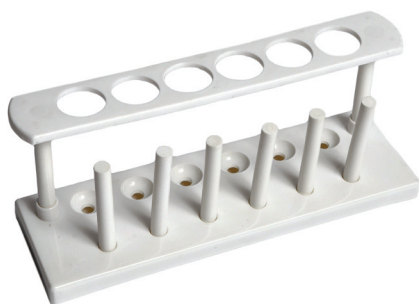
Item No.	Description
TTRSET-P	Test Tube Rack with 15ml Plastic Tubes



## Test Tube Rack, 12-Tube, Unassembled, PP

Sturdy polypropylene rack will hold 12 test tubes up to 20mm in diameter. Easy to assemble, and chemical resistant.

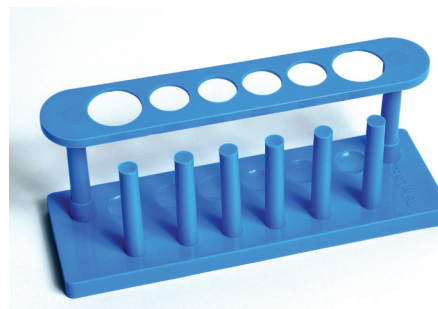
Item No.	Description
TTHP03	Test Tube Rack, 12-Tube, Unassembled, PP



## Test Tube Rack, Plastic, 6-Tube, Unassembled

This polyethylene rack will hold six test tubes, and has six drying pins. Sides are fully open for clear viewing. Rack has six 25mm holes and requires assembly.

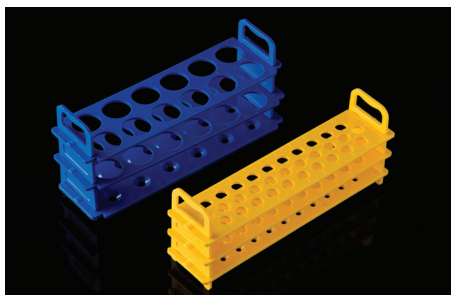
Item No.	Description
TTHP02	Test Tube Rack, Plastic, 6-Tube, Unassembled



## Test Tube Rack, Plastic, 6-Tube

This polyethylene rack will hold six test tubes, and has six drying pins. Sides are fully open for clear viewing. Rack has two 30mm and four 20mm holes, and is pre-assembled.

Item No.	Description
TTHP01	Test Tube Rack, Plastic, 6-Tube



## Test Tube Racks, PC

Polycarbonate racks feature ergonomic design for easy handling. Provides good chemical resistance. Autoclavable and withstands temperatures from -135° to 135°C. Includes molded-in numbers and letters for easy identification of test tubes.

Item No.	Tubes (mm)	Places	Color	L x W x H (mm)	Qty per pack
P20708B	16	31	Blue	275 x 65 x 110	4
P20708W	16	31	White	275 x 65 x 110	4
P20708Y	16	31	Yellow	275 x 65 x 110	4



## Test Tube Racks, One-Piece, PP

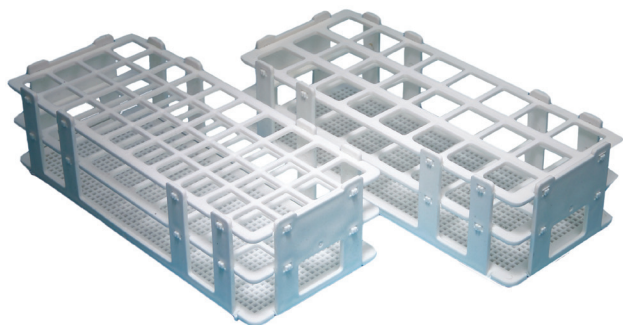
One-piece molded racks have a three-tier grid design. Polypropylene construction provides good chemical and thermal resistance. Autoclavable. Racks feature a 3/4" x 2-3/4" labeling area on two sides. Open design allows easy viewing of contents from all sides.

Available in sizes that hold 13mm or 16mm tubes. Both racks feature a 6 x 6 array of holes.

Item No.	For tubes up to / No. of places	Quantity per pack
77906	13mm / 36 tubes	4
77907	16mm / 36 tubes	4



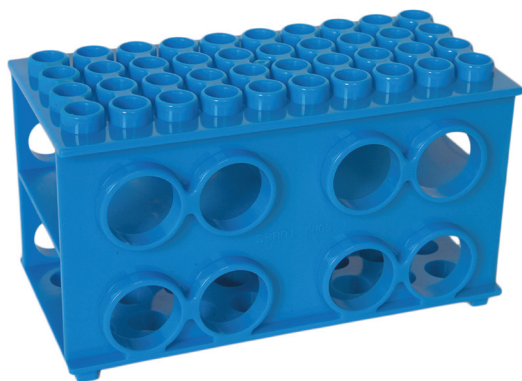
# Plasticware Racks



## Test Tube Racks, Wet/Dry, PP

Economical yet very durable racks that are submersible, autoclavable, and easily stack when empty. Made from a special blend of polypropylene (PP) that makes them sink in a water bath and maintain their stability even in agitated water. The top tier features an alpha-numeric grid reference. Available in white, but can be special ordered in various colors.

Item No.	For tubes up to / No. of places	Quantity per pack
77901	13mm / 90 tubes	6
77902	16mm / 60 tubes	6
77903	20mm / 40 tubes	6
77904	25mm / 24 tubes	6
77905	30mm / 21 tubes	6



## Test Tube Rack, Cube, PP

A sturdy one-piece molded polypropylene rack. All four sides can be used interchangeably for 12mm through 25mm diameter tubes. Rack features a total of 88 spaces on its four sides.

Tube Diameter	Number per unit
50ml Tubes	8
20ml Tubes	20
15ml Tubes	24
12ml Tubes	40

Item No.	Description
76001	Plastic Test Tube Rack, Cube, PP



77707



77712



77714



77718

## Test Tube Racks, PP, 3-Tier

Polypropylene racks with a three-tier design provide a clear view of the tube contents and convenient insertion and removal of tubes.

Item No.	For tubes up to / No. of places	Quantity per pack
77706	13mm / 31 tubes	2
77707	16mm / 31 tubes	2
77708	20mm / 20 tubes	2
77709	25mm / 12 tubes	2
77710	25mm / 18 tubes	2
77711	32mm / 12 tubes	2
77712	25mm / 36 tubes	2
77714	13mm / 18 tubes	4
77715	15mm / 18 tubes	4
77716	18mm / 12 tubes	4
77717	13mm / 62 tubes	2
77718	16mm / 62 tubes	2
77719	20mm / 40 tubes	2



# Plasticware Racks

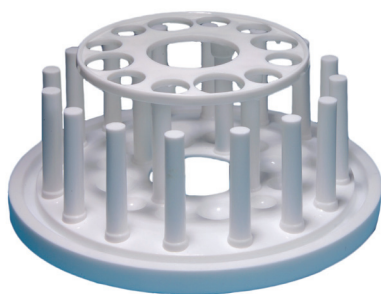


## Test Tube Rack, Round, 24-Tube, Plastic

Good quality round test tube rack will hold 24 tubes up to 20mm in diameter. Solid high-impact plastic construction. Rack is 145mm in diameter and 70mm high, and features a perforated bottom. Shipped pre-assembled.



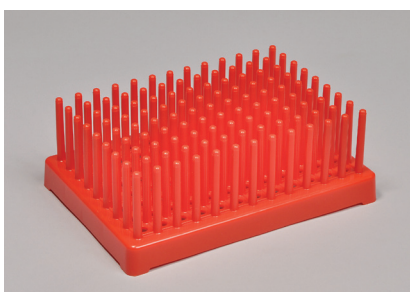
Item No.	Description
TTHP05	Test Tube Rack, Round, 24-Tube, Plastic



## Test Tube Rack, Round, 12-Tube, PP

This circular 12 place polypropylene test tube stand has four 25mm diameter holes and eight 19mm diameter holes. The base has matching wells and 16 drying pins surrounded by a trough to catch drippings. Pre-assembled.

Item No.	Description
77704	Test Tube Rack, Round, 12-Tube, PP



## Test Tube Drying Racks, PP

These polypropylene racks can conveniently hold inverted tubes for drying and to minimize collection of airborne contaminants. Racks can also be used to hold and dry electrophoresis and chromatography plates. Autoclavable.

The 96 place rack features an 8 x 12 array of pegs that hold tubes up to 13mm in diameter. The 50 place rack features a 5 x 10 array of pegs that hold tubes up to 16mm in diameter.

Item No.	Description	Quantity per pack
77851	96 places for up to 13mm tubes	6
77852	50 places for up to 16mm tubes	6

## Test Tube Baskets, PP

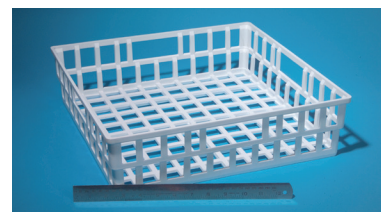
These test tube baskets are made of polypropylene. Autoclavable, unbreakable and non-corrosive baskets are ideal for rinsing and draining glassware. They are also useful for storage of test tubes or culture tubes during sterilization or incubation.



Item No.	Description	Quantity per pack
78101	Test Tube Basket, 140 x 120 x 110mm	6
78102	Test Tube Basket, 160 x 160 x 160mm	6

## Draining Tray, PP

This polypropylene basket with wide net-like structure on all sides is useful for post-wash draining of laboratory apparatus. Autoclavable.



Item No.	Description	Quantity per pack
78103	Draining Tray, PP, 16" x 16" x 4"	6



## Drying / Draining Rack

The ABS plastic draining rack provides an excellent option for post-wash draining of tubes and bottles. Rack stands 20" tall x 14" wide. The back plate has 20 holes into which 5" pegs are tightened with the help of screw-nuts. Also includes two holes so the rack can be mounted on a wall. The bottom of the rack features a wastewater tray and drain.

Item No.	Description	Quantity per pack
81741	Drying / Draining Rack, 20 Place	1





# Plasticware Scoops / Spatulas



## Laboratory Scoops, PP

These sturdy polypropylene scoops are available in a variety of sizes and as a complete set of seven scoops. Capacities are molded into the top of each scoop for easy reference. The PP material is autoclavable and will not rust or corrode.

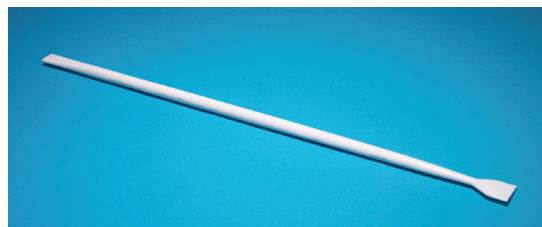
Item No.	Capacity (ml)	Quantity per pack
81253	10	12
81254	25	12
81255	50	12
81256	100	12
81257	250	12
81258	500	6
81259	1000	6
81260	Set of 7 Scoops (one of each size)	



## Spatulas, PP, Flat and Spoon

Molded in polypropylene, spatulas feature a spoon on one side. Available in 6" or 8" lengths.

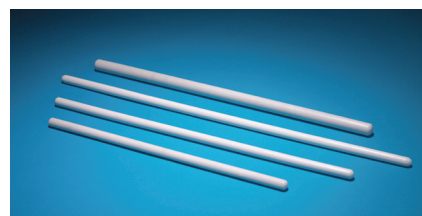
Item No.	Description	Quantity per pack
81301	Spatula, PP, Flat and Spoon, 6" long	12
81302	Spatula, PP, Flat and Spoon, 8" long	12



## Policeman / Spatula, PP

Multi-purpose tool made from polypropylene can be used as a stirrer or spatula. Measures 9.5" long with a diameter of 1/4".

Item No.	Description	Quantity per pack
81411	Policeman / Spatula, PP	12



## Stirring Rods, Plastic

Stirring rods made of polypropylene, with both ends rounded.

Item No.	Length / Diameter	Quantity per pack
81401	10" / 10mm	12
81405	8" / 7mm	12
81406	10" / 7mm	12
81407	12" / 7mm	12



## Support Stands with Rods, Plastic

Molded polystyrene support stands are ideal for use in applications that require non-corrosive worksurfaces. Heavy, weighted base provides stability similar to metal versions. The removable steel rod is coated with polypropylene to make it non-corrosive.

Item No.	Base Size	Rod Length	Rod Diameter
54101	6" x 9" with side hole	30"	1/2"
54102	8" x 12" with center hole	30"	1/2"
54103	8" x 12" with side hole	30"	1/2"



# Plasticware Storage Vials / Test Tubes



## RIA Vials and Cap

RIA vials are generally used in radioimmunoassay - a scientific method used to test antigens without the need to use a bioassay.

The polypropylene vials are translucent and can withstand 3000 RCF during centrifugation. Can be used with common acids, alkalies, and solvents at room temperature. Autoclavable.

The polystyrene vials are transparent and can withstand 1400 RCF during centrifugation. Can be used with mild bases and weak acids, but not organic solvents. Non-autoclavable.

Caps are sold separately and are compatible with both versions of vials.

Item No.	O.D. (mm)	Height (mm)	Material	Quantity per pack
P10301	12	75	Polypropylene	500
P10303	12	75	Polystyrene	500
RIA Vial Cap				
P10304	12		HDPE	500



## Test Tubes, Polystyrene with Cap

This 13 x 100mm polystyrene test tube has a capacity of 7ml. Tube features a round bottom and includes a hollow top plug cap made of polypropylene. Sold as a pack of 100 tubes.

Item No.	Description
TPSC131	Test Tube, Polystyrene with Cap, pack of 100



## Storage Vials, PP

Storage vials are designed for use with samples from -80° to 121°C. DNase, RNase, and Pyrogen free. Used for storage of PCR reagents, enzymes and other diagnostics, biochemical reagents or samples.

Polypropylene vials feature a large white frosted labeling area, silk screen graduations, and a leak-proof HDPE cap.

Item No.	Capacity (ml)	Outside Diameter (mm)	Height (mm)	Quantity per pack
P60106	2.0	11.80	47.2	1000
P60107	5.0	11.80	88	1000



## Test Tubes, Polypropylene

This 12 x 75mm polypropylene test tube has a capacity of 5ml. Tube features a round bottom and is autoclavable. Sold as a pack of 100 or 250 tubes.

Item No.	Description
TPP1275	Test Tube, Polypropylene, pack of 100
TPP1275-PK/250	Test Tube, Polypropylene, pack of 250



# Plasticware Trays



## Instrument Trays, PP

Handy for storage and sterilization of instruments, these durable polypropylene trays include covers that fit snugly into grooves molded into the trays. Available in two sizes: the smaller size can be used to sterilize small instruments, and the large size allows pipettes to be fully immersed in disinfectant before sterilization. Autoclavable.

Item No.	Description	Quantity per pack
81736	Instrument Tray, 22cm x 15cm x 7cm	2
81737	Instrument Tray, 45cm x 15cm x 7cm	2



## Laboratory Trays, Large, PP

Large polypropylene molded laboratory tray is steam autoclavable and can be used for sterilizing and drying labware. The 5" depth makes this tray ideal for storage of labware.

Item No.	Description	Quantity per pack
81722	Laboratory Tray, Large, PP, 20" x 17" x 5"	6



## Carrier Trays, PP

Polypropylene molded carrier tray is steam autoclavable. Includes a built-in handle for easy carrying of reagent bottles or other laboratory ware using one hand. Overall depth including the handle is 6". Trays are nestable for easy storage when empty.

Item No.	Description	Quantity per pack
81731	Carrier Tray, PP, 15" x 9.5" x 4.5"	6



## Utility Trays, PP

Polypropylene molded utility tray is steam autoclavable and can be used for sterilizing and drying labware. The 5" depth makes this tray ideal for storage of labware.

Item No.	Description	Quantity per pack
81721	Utility Tray, PP, 15" x 14" x 5"	6



## Laboratory Trays, PP

Multi-purpose polypropylene molded trays can be used for sterilizing, drying glassware, porcelainware, and other laboratory supplies. These steam autoclavable trays have tapered walls designed for nesting.

Item No.	Description	Quantity per pack
81701	Laboratory Tray, PP, 18" x 14" x 3"	10
81702	Laboratory Tray, PP, 15" x 12" x 3"	10



## Laboratory Trays, Flat, PP

Flat polypropylene laboratory trays are ideal for containing small spills, and to serve as a drip pan. Economical trays measuring 15" x 11.5" are versatile for general laboratory use. Autoclavable. Solds as packs of 10.

Item No.	Description	Quantity per pack
LTRAY1	Laboratory Tray, Flat, PP, 15" x 11.5"	10





# Plasticware Tubing Connectors



## Connectors, L-shaped, PP

Polypropylene L-shaped connectors with serrated ends are ideal for leak-proof tubing connections. Autoclavable.

Item No.	Description	Quantity per pack
46131	L-Connector, for 6mm tubing	12
46132	L-Connector, for 8mm tubing	12
46133	L-Connector, for 10mm tubing	12



## Connectors, T-shaped, PP

Polypropylene T-shaped connectors with serrated ends are ideal for leak-proof tubing connections. Autoclavable.

Item No.	Description	Quantity per pack
46111	T-Connector, for 6mm tubing	12
46113	T-Connector, for 8mm tubing	12
46115	T-Connector, for 10mm tubing	12



## Connectors, Y-shaped, PP

Polypropylene Y-shaped connectors with serrated ends are ideal for leak-proof tubing connections. Autoclavable.

Item No.	Description	Quantity per pack
46112	Y-Connector, for 6mm tubing	12
46114	Y-Connector, for 8mm tubing	12
46116	Y-Connector, for 10mm tubing	12



## Tubing Connectors Assortment, PP

A convenient assortment pack of 36 tubing connectors for your lab, usable with a variety of tubing sizes and connections. Pack includes 9 each (3 each x 3 sizes) of L-shaped, T-shaped, Y-shaped, and 4-way polypropylene connectors that are autoclavable.

Item No.	Description
TCA002	Tubing Connectors Assortment, PP, pack of 36



## Connectors, 4-way, PP

Polypropylene cross-shaped connectors with serrated ends are ideal for leak-proof tubing connections. Autoclavable.

Item No.	Description	Quantity per pack
46121	4-way Connector, for 6mm tubing	12
46122	4-way Connector, for 8mm tubing	12
46123	4-way Connector, for 10mm tubing	12



## Stopcocks, PP/PTFE

These leak-proof economical polypropylene stopcocks have a PTFE plug and serrated ports that accept tubing from 6mm to 10mm in diameter. Available in 2-way and 3-way versions.

Item No.	Description	Quantity per pack
55301	Stopcock, 2-way	6
55302	Stopcock, 3-way	6



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