

Catalog Introduction	2	Droppers 27	Slide Accessories	32
Technical Plastic Properties	3 - 5	Drying Racks	Spatulas 33	
Bags, Bag Ties	8	Flasks 22	Spot Plates	33
Baritainers 15		Forceps 38	Stirring Bars & Accessories	33 - 34
Beakers, Beakers with Handle	6 - 8	Funnels	Stirrers 34	
Bottles and Accessories	9 - 13	Inoculating 25	Tape 34	
Burettes 13		Labware Starter Kit	Thermal Cyclers	36
Carboys	14 - 16	Matting 25	Tote Boxes and Trays	34 - 36
Container	16 - 18	Melting Point Apparatus	Tubes 37	
Cutting Boards	18	Pail 26	Tube Racks	31
Cylinders and Accessories	19 -20	Pipette and Accessories	Tubing and Accessories	38
Delivery Tubes	20	Pipette Tips	Tweezers 38	
Detergent 21		Pumps 30	Vials 39	
Dippers 21		Racks	Water Still	39
Disposal Boxes	22	Scoops 32	Weighing Bottles	13



Dynalab®
Labware
 quality . value . service

In operation for 60 years, Dynalab Corp. is located in Rochester, NY with full distribution capabilities throughout the North American market.

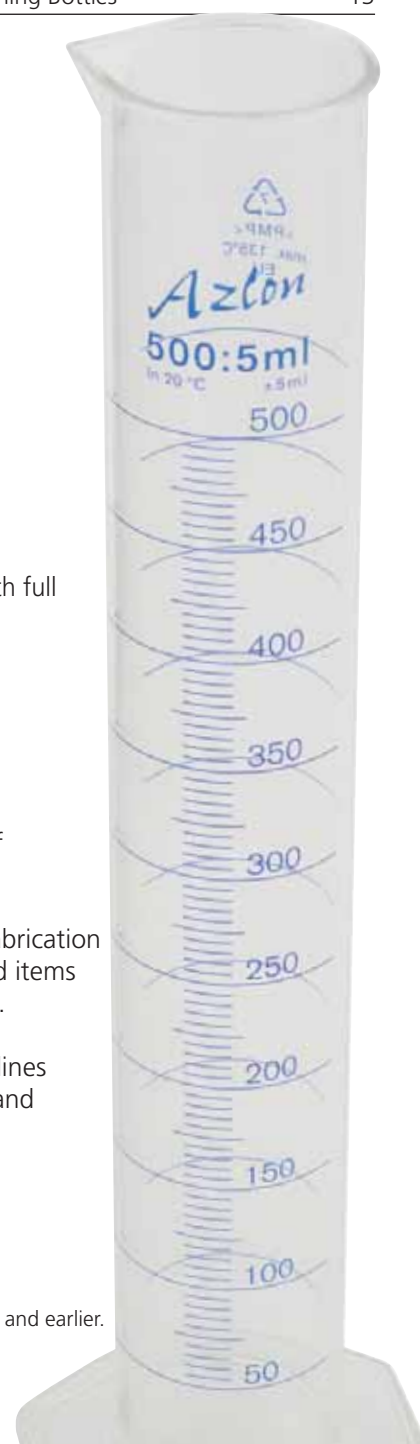
Dynalab Labware is the wholesale division of Dynalab Corp. selling through a network of esteemed distributors.

We stock a full line of plastic lab supplies including world renowned brands such as Azlon, Burkle, Cowie, Kartell and Sterilin. We are also the North American source for Burkle's extensive line of sampling apparatus.

In addition to distribution, we are proud to offer a custom plastic fabrication department to meet your specific needs. All of our plastic fabricated items are Made in the USA and denoted as such throughout the web site.

Axon® benchtop science equipment is among our newest product lines featuring popular items such as the DMP100 Melting Point Device and DynaCycler Thermal Cyclers.

Dynalab is a privately owned American company with experience dedicated employees who are proud of their efforts. High levels of service to all customers is a paramount focus.



key

- Excellent resistance
- Good resistance
- Limited resistance
- Not recommended
- No information

Reagent	LDPE		HDPE		PP		PMP		PVC		PC		PS		SAN		ABS		PMMA		PTFE		PFA		E-CTFE	
	20 68	50 122	20 68	50 122	20 68	50 122	20 68	50 122	20 68	50 122	20 68	50 122	20 68	50 122	20 68	50 122	20 68	50 122	20 68	50 122	20 68	50 122	20 68	50 122	20 68	50 122
Acetic Acid	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Acetone	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Ammonium Chloride (10%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Ammonium Hydroxide (28%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Boric Acid (10%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Calcium Hydroxide (Saturated)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chloroform	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Citric Acid	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Ethyl Alcohol	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Formaldehyde (Formalin)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Formic Acid (50%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Formic Acid (100%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Fuel Oil	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Glycerine (Glycerol)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hydrochloric Acid (5%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hydrochloric Acid (35%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hydrogen Peroxide (30%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Isopropyl Alcohol	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Methyl Alcohol (Methanol)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Mineral Oil	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nitric Acid (10%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nitric Acid (70%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Phosphoric Acid (85%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Photographic Developer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Photographic Fixer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Potassium Hydroxide (50%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Sodium Hydroxide (10%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Sodium Hypochlorite (Bleach)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Sulphuric Acid (10%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Sulphuric Acid (98%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Turpentine	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Vegetable Oil	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

This chart gives general guide lines only on the chemical resistance of plastics. There are many factors which influence chemical resistance. Always test for your own application before selecting the appropriate product.

Introduction

The Dynalon® catalog technical section aims to provide clear, concise information about the key polymers from which our ranges are manufactured. It is intended as your guide to the suitability of our products for use with a variety of chemical groups, and in a variety of environments.

Each polymer has its own entry with detailed technical information and a summary icon denoting its general chemical suitability characteristics. Those Polymers capable of being repeatedly Autoclaved at, at least 121°C for 30 minutes are denoted by the letter A, more detailed temperature resistance is often included in the text.

The information within this section is designed to answer most common application questions but like any guide will not answer all. Dynalon's technical staff will be pleased to answer any question relating to product usage.

LDPE

(Low Density Polyethylene)

- Translucent naturally flexible polymer
- Temperature range of -50 to +80°C
- Not autoclavable
- Good to excellent chemical resistance
- Robust and virtually unbreakable
- Used for wash bottles, storage bottles, transfer pipettes, vials

Excellent resistance (no attack) to dilute and concentrated Acids, Alcohols, Bases and Esters.

Good resistance (minor attack) to Aldehydes, Ketones and Vegetable Oils.

Limited resistance (moderate attack suitable for short term use only) to Aliphatic and Aromatic Hydrocarbons, Mineral Oils and Oxidizing Agents.

Poor resistance and not recommended for use with Halogenated Hydrocarbons.

quick facts:

Maximum Temperature: 176°F (80°C)

Minimum Temperature: -58°F (-50°C)

Autoclavable: No

UV Resistance: Poor

Translucent with excellent flexibility



LDPE



HDPE

(High Density Polyethylene)

- Translucent rigid polymer
- Temperature range of -100 to +120°C
- Not autoclavable
- Good to excellent chemical resistance
- High impact resistance
- Used for storage bottles, containers and jars

Excellent resistance (no attack) to dilute and concentrated Acids, Alcohols and Bases.

Good resistance (minor attack) to Aldehydes, Esters, Aliphatic and Aromatic Hydrocarbons, Ketones and Mineral and Vegetable Oils.

Limited resistance (moderate attack and suitable for short term use only) to Halogenated Hydrocarbons and Oxidizing Agents.

quick facts:

Maximum Temperature: 248°F (120°C)

Minimum Temperature: -148°F (-100°C)

Autoclavable: No

UV Resistance: Poor

Translucent and rigid



HDPE



#798015 Plastic Recycle Disposal Box
\$66.27 CS/6

PP (Polypropylene)

- Translucent rigid polymer
- Temperature range of 0 to +135°C
- Autoclavable (repeatedly)
- Good to excellent chemical resistance
- Impact resistant
- Used for beakers, bottles, cylinders and screw closures

Excellent resistance (no attack) to most Acid solutions, Alcohols, Bases and Mineral Oils.

Good resistance (minor attack) to Aldehydes, Esters, Aliphatic Hydrocarbons, Ketones and Vegetable Oils.

Limited resistance (moderate attack and suitable for short term use only) to Aromatic and Halogenated Hydrocarbons and Oxidizing Agents.

quick facts:

Maximum Temperature: 275°F (135°C)

Minimum Temperature: 32°F (0°C)

Autoclavable: Yes

UV Resistance: Poor

Translucent and rigid



PP



PMP (Polymethylpentene)

- Transparent rigid polymer
- Temperature range 0 to +145°C
- Autoclavable
- Good to excellent chemical resistance
- Glass like clarity
- Used for transparent beakers and cylinders

Excellent resistance (no attack) to dilute and concentrated Acids, Alcohols, Bases and Mineral Oils.

Good resistance (minor attack) to Aldehydes, Esters, and Vegetable Oils.

Limited resistance (moderate attack and suitable for short term use only) to Aliphatic and Aromatic Hydrocarbons, Ketones and Oxidizing Agents.

Poor resistance not recommended for use with Halogenated Hydrocarbons.

quick facts:

Maximum Temperature: 293°F (145°C)

Minimum Temperature: 32°F (0°C)

Autoclavable: Yes

UV Resistance: Poor

Clear and rigid



OTHER



PS (Polystyrene)

- Transparent rigid polymer
- Temperature range -10 to +70°C
- Not autoclavable
- Moderate chemical resistance
- Brittle yet has excellent clarity
- Used for petri dishes, pipettes and container ware

Excellent resistance (no attack) to dilute Acids, Alcohols and Mineral Oils.

Good resistance (minor attack) to Vegetable Oils.

Limited resistance (moderate attack and suitable for short term use only) to concentrated Acids.

Poor resistance not recommended for use with Aldehydes, Esters, Aliphatic, Aromatic and Halogenated Hydrocarbons, Ketones and Oxidizing Agents.

quick facts:

Maximum Temperature: 158°F (70°C)

Minimum Temperature: 32°F (0°C)

Autoclavable: No

UV Resistance: Good

Clear and rigid



PS



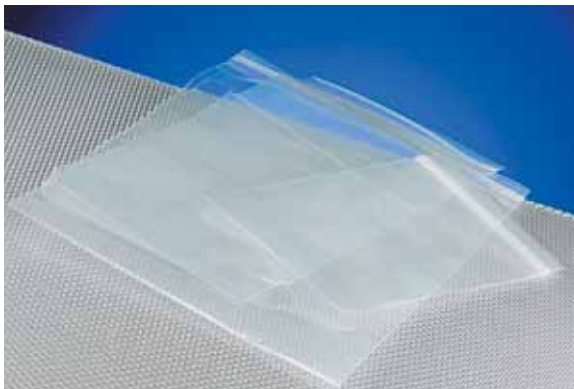


Bags LDPE .0015" Thick

626785	Bag Size W x H"	Case Qty	Case Price \$
-0002	4 x 6	100	10.08
-0003	4 x 10	100	10.08
-0004	6 x 8.5	100	11.23
-0005	6 x 10	100	12.25
-0006	6 x 12	100	13.32
-0008	8 x 10.5	100	13.80
-0009	10 x 12	100	16.77
-0010	10 x 16	100	21.80
-0011	12 x 18	100	22.71
-0013	16 x 18	100	28.80
-0014	18 x 24	100	36.37
-0015	22 x 28	100	47.39

Bags Polypropylene 0.0015" Thick

628505	Bag Size W x H"	Case Qty	Case Price \$
628515	4 x 10	100	24.28
628525	6 x 10	100	26.50
628535	6 x 12	100	30.59
628545	10 x 16	100	40.36
628555	12 x 18	100	53.43
628565	12 x 24	100	59.24
628575	16 x 18	100	62.85
628585	18 x 23	100	83.63
628595	22 x 30	100	122.19



Zipper Seal Bags LDPE

These heavyweight (4 mil & 2 mil) polyethylene bags are ideal for collecting, storing and protecting laboratory specimens and samples easily and conveniently. Sealed bags keep dust out. Not suggested for use with liquids. Many uses in the lab and industry. Bags lock easily and securely with the zipper locking feature. No printing on the bag allows easier labeling and marking.

Heavy Duty Sample Bags - Zipper Seal LDPE - 4 Mil. Thick

628405	Bag Size W x H"	Case Qty	Case Price \$
628415	5 x 8	500	135.86
628425	6 x 13	250	135.37
628435	9 x 12	250	160.70

Economy Sample Bags - Zipper Seal LDPE - 2 Mil. Thick

628325	Bag Size W x H"	Case Qty	Case Price \$
628335	3 x 5	1000	33.19
628345	4 x 6	1000	41.92
628355	5 x 8	1000	52.39
628365	9 x 12	1000	89.98
			196.49



222045
Polymethylpentene Series



Use absorbent BenchGuard matting on page 25 to reduce cleanup time.

Kartell

Griffin Style Beakers - Comply with ISO 7056

- Special no-drip pouring spout
- Shatter resistant - reduce breakage & incidence of injury!
- Chemically resistant to most acids, bases and many common solvents
- Tolerance +/- 10%
- Autoclavable

For general laboratory use. Polypropylene beakers will withstand temperatures up to 135°C and polymethylpentene beakers can withstand temperatures as high as 180°C for short intervals. Graduations molded in milliliters. Conforms to ISO7056.

Capacity mL	PP	PMP	Sub Div.	Tolerance +/-	Height mm	Diameter mm	Wall Thick mm	Case Qty	PP Case Price \$	PMP Case Price \$
50	-0050	-0050	2	10%	60	41	1.3	40	83.52	170.43
100	-0100	-0100	5	10%	72	51	1.5	48	111.89	210.50
250	-0250	-0250	10	10%	95	71	1.7	40	112.80	285.44
500	-0500	-0500	10	10%	119	87	1.8	36	200.39	401.93
1000	-1000	-1000	20	10%	147	109	1.8	12	104.11	186.14
2000	-2000	-2000	50	10%	183.5	132	1.8	4	69.21	108.18
5000	-5000		500	10%	229	188.5	2.5	4	148.89	

Griffin Style Beaker Sets

	Material	Description	Set Price \$
222195	Polypropylene	50, 100, 250, 500 & 1000ml	21.25
222205	Polymethylpentene	50, 100, 250, 500 & 1000ml	43.95

"Square Ratio" Polypropylene and Polymethylpentene Beakers

- Shatter resistant - reduce breakage & incidence of injury!
- Chemically resistant to most acids, bases and many common solvents
- Choose glass-like clarity of polymethylpentene (PMP) or
- Choose economical translucent polypropylene (PP)
- Autoclavable



522085

Polypropylene Series



Square ratio beakers are the safe, convenient alternative to griffin style beakers. These beakers feature a vertical lip around the top of the beaker which serves two purposes: first the lip contains many spills that may occur with the rounded design of a griffin style beaker. Second, this vertical lip allows the beakers to be stacked together in sets when not in use. Maximum temperature for PP is 135°C; PMP is 150°C to 180°C for short intervals.

Capacity mL	PP Blue	PMP Red	Sub Div. mL	ID mm	OD mm	Height mm	PP Pack Qty	PP Pack Price \$	PMP Pack Qty	PMP Pack Price \$
10	-0010	DISC 1		30	32	32	10	23.21		
25	-0025	-0025	2.5	40	42	40	10	20.45	10	50.37
50	-0050	DISC 5		49	51	51	10	24.12		
100	-0100	-0100	10	60	62	62	10	26.93	10	59.58
250	-0250	-0250	25 80		82	82	10	47.42	5	44.35
400	-0400	-0400	50	92	94	95	10	47.42	5	48.10
500	-0500	-0500	50	96	100	101	10	56.22	5	54.46
600	-0600	-0600	50	101	106	107	5	24.58	5	59.89
1000	-1000	-1000	100	123	127	126	5	35.00	1	17.51
2000	-2000	-2000	200	154	158	160	1	10.71	1	20.14

522095

Polymethylpentene Series



Polypropylene Beaker Sets

Part Number	Capacity	Description	Set Price \$
522125	10	sizes above	47.38
522135-0001		50, 100, 250, 500 & 1000ml	23.11
522135-0002		50, 100, 250, 600 & 1000ml	23.12
522135-0003		250, 500 & 1000ml	17.74

LOOK
drying racks
on page 30-31



Tapered Low-Form Polypropylene and Polymethylpentene Beakers

- Shatter resistant - reduce breakage & incidence of injury!
- Chemically resistant to most acids, bases and many common solvents
- Choose glass-like clarity of polymethylpentene (PMP) or
- Choose economical translucent polypropylene (PP)
- Beakers are not calibrated
- Comply with ISO7056
- Autoclavable

**50% Off
Clearance Pricing***



522765

Polymethylpentene Series

Smoothly tapered Azlon beakers made from virgin, high clarity polypropylene or transparent polymethylpentene. Available with both molded and easy to read blue printed graduations. This extensive range of beakers from 25ml to 5 liters is break resistant and durable. Also supplied with an anti-lock feature that prevents beakers from sticking together when stacked. Tapered design allows for easy handling. SPI recycling codes and batch stamped for full traceability. Maximum temperature for PP is 121°C; PMP is 180°C.

Capacity mL	Molded PP	Printed PP	Printed PMP	Sub Div. mL	Height mm	Base OD mm	Rim Diam mm	PP Pack Qty	PP Molded Price \$	PP Printed Price \$	PMP Pack Qty	PMP Printed Price \$
25	-0025	-0025	-0025	5	51	32	41.5	10	8.66	14.43	10	24.82
50	-0050	-0050	-0050	10 61	39		50.5	10	9.04	15.68	10	29.32
100	-0100	-0100	-0100	20 73	48.5		61.5	10	9.39	16.68	10	19.32
250	-0250	-0250	DISC	50 96	65.5		80.5	10	15.42	21.09		
400	-0400	-0400	-0400	50	111	74.5	92.5	10	21.74	31.17	5	26.64
500	-0500	-0500	-0500	50	121	84	102.5	10	23.99	35.09	5	29.01
600	-0600	-0600	-0600	50	126	84	104	5	13.94	19.08	5	32.04
1000	-1000	-1000	-1000	100 148	99		120	5	35.13	28.48	1	9.40
2000	-2000	-2000	-2000	200 188	125		163	1	8.61	12.14	1	19.44
3000	-3000	-3000	-3000	200 214	143		172	1	9.78	10.12	1	21.00
5000	-5000	-5000	-5000	500 250	164		230	1	14.38	24.48	1	29.46

* While supplies last.



Heatable Beakers, PTFE Fluoropolymer

- Totally chemical resistant and inert PTFE beaker
- For use with Hydrofluoric Acid and caustic chemicals
- Use to 270°C without distortion
- Even heat transfer

This product features the unique combination of a pure PTFE body with a specially formulated stabilized PTFE Carbon base as a single molding allowing for heating to 270°C without distortion.

315284	Capacity mL	Height mm	Diam mm	Price Each \$
-0100	100	74	56	48.46
-0250	250	94	75	62.23
-0400	400	112	85	96.85



NEW Beakers with Handle in Metric and English, PP

- Made from translucent high clarity polypropylene - food grade resin
- Graduated in Metric and English in attractive blue print with scales on both sides - easy to read for right and left handed use
- Tapered and space saving; nest for storage
- Durable handle and thumb grip for easy dispensing
- Handle allows for drainage when inverted
- Maximum operating temperature 125°C

326524	Capacity mL	Sub Div. mL	Sub Div. Oz.	Height x Diam. mm	Price Each \$
-0500	500	10	1	138 x 91	10.20
-1000	1000	10	1	168 x 127	13.25

Kartell



Low Form Beaker with Handle, PP

- Molded graduations - in liters
- Low form for added stability
- Autoclavable; use up to 135°C

Autoclavable, highly translucent especially when filled with liquids. Permanent molded in graduations. Resistant. No drip spout. Thumb grip on handle.

326495	Capacity mL	Sub Div. mL	Height x Top Diam mm	Pack Qty	Pack Price \$
-0500	500	25	116 x 90	24	183.30
-1000	1000	50	131 x 116	24	188.97
-2000	2000	50	165 x 145	12	106.41
-3000	3000	100	180 x 165	12	154.02
-5000	5000	250	225 x 190	12	470.68



Slip-Stop Matting on page 25



Beaker with Handle - Intermediate Form, PP

- Tapered jugs in high clarity polypropylene
- Crisp blue printed graduations
- Ergonomically designed handle with thumb grip for easy carrying
- Autoclavable; use up to 135°C

526475	Capacity mL	Sub Div. mL	Height x Top Diam. mm	Pack Qty	Pack Price \$
-0050	50	10	60 x 50	5	30.72
-0250	250	50	100 x 90	1	8.88
-0500	500	50	120 x 102	1	9.85
-3000	3000	200	215 x 172	1	16.66

Polycarbonate Graduated Media Bottles with PP Closure

- Octagonal square shape for easy pouring and space storage
- Graduation markings are optically clear molded-in
- Transparent, autoclavable and leak-proof

Unequaled in design or performance, the octagonal square shape provides an "Easy-Grip" for pouring. Transparent and autoclavable. Use with aqueous solutions, storage of media-short term or for space saving (square) storage. The cap is made with virgin, high-temperature polypropylene (PP) and is liner-free and comes with a leak-proof guaranty. The neck ring insures security of shrink-wrapped seals and has a smooth interior so there is no fluid entrapment and no back-flow contamination. The seal ring is molded inside the cap and fits tightly against the bottle neck; insuring a leak-proof system.

626284	Capacity mL	Height x Diam mm	Neck Size mm	Case Qty	Case Price \$
-0125	125	107 x 54	38-430	48	289.87
-0250	250	140 x 61	38-430	36	227.56
-0500	500	172 x 73	38-430	24	230.70
-1000	1000	213 x 97	38-430	24	291.09
-2000	2000	273 x 114	53B	1	24.24



Need large quantities? Ask for bulk pack boxes and save \$\$\$

Wide Mouth Laboratory Bottles

HDPE Bottles

- Leakproof
- Translucent
- FDA compliant resin
- Rigid
- Polypropylene closure

PP Bottles

- Leakproof
- Translucent
- FDA compliant resin
- Rigid
- Polypropylene closure
- Autoclavable

301605 Series
High Density Polyethylene



Capacity mL	HDPE 301605	PP 301625	Height mm	Bottle OD mm	Neck ID mm	Cap Size mm	Pack Qty	Case Qty	HDPE Case Price \$	PP Case Price \$
30	-0001	-0001	70 32		22 28		12	72	112.88	117.59
60	-0002	-0002	82 40		26 33		12	72	116.09	119.62
125	-0004	-0004	99 50		33 38		12	72	132.19	147.52
250	-0008	-0008	145 60		35 45		12	72	193.86	231.27
500	-0016	-0016	165 75		45 55		12	48	183.17	216.00
1000	-0032	-0032	209 90		54 65		6	24	158.11	158.31
2000	-0064	-0064	245 120		54 65		1	6	78.79	88.36

301625-0064
Polypropylene Series

Polycarbonate Graduated Bottles with PP Closures

- Autoclavable and leakproof
- Glass clear, durable and highly break resistant
- Graduated in metric and English;
- Very high quality

Boston Round bottles, Narrow Mouth. Use with biologicals, liquids, reagents, media, buffers and aqueous solutions. Manufactured in Class 10K cleanroom. Available in packs or shrink wrap trays.

601524	Capacity mL	Sub Div mL	Closure mm	Height x Diam mm	Height w Cap mm	Case Qty	Case Price \$
-0300	300	50	38-430	141 x 71	146.7	24	181.20
-0500	500	100	38-430	174.5 x 81	180.2	12	113.64
-1000	1000	100	38-430	98.5 x 215.5	221.2 12		134.28





Polypropylene Graduated Bottles

- High performance polypropylene bottles ideal for a wide range of liquids and solids
- Autoclavable polypropylene leak proof construction
- Full range of sizes with high chemical resistance
- Autoclavable; use up to 135°C
- Printed with large white marker space for clear, easy and safe labeling
- Wide mouth for easy access filling
- Clear, crisp printed graduations show milliliters and fluid ounces, allowing estimation of volumes remaining and / or decanted
- High clarity polypropylene allows easy viewing of the fluid level

	Capacity mL	Neck ID mm	Cap Size mm	Height x Diam mm	Pack Qty	Pack Price \$
501505	60	26 33	82	x 40	12	37.73
-0125	120	33 38	99	x 50	12	40.60
-0250	250	35 45	145	x 60	13	57.15
-0500	500	45 55	165	x 75	12	67.74
-1000	1000	54 65	209	x 90	6	40.41

Kartell



Graduated Square Bottles, HDPE

Choice of amber or natural graduated 2 liter HDPE rectangular bottles for space saving storage. Enhanced stability when in use with an ergonomic hand grip allowing for greater ease in pouring. Screw capped and graduated to 2000 mL.

	Capacity mL	Length inches	Width inches	Height inches	Case Qty	Case Price \$
201315	2000	3.75	4.5	9.65	6	68.81
-2000A	2000	3.75	4.5	9.65	6	65.62

LOOK

Suitable for use with gas liberating solutions, e.g. hydrogen peroxide



Round Concertina Bottle, HDPE

- Collapsible, adjustable volume
- Ideal for photographic chemicals and hydrogen peroxide

These amber collapsible bottles are ideal for solutions that readily oxidize, or those that liberate gases. The bellows convolution of the walls allow the bottle volume to be adjusted to match the volume of contents and eliminate air space as liquid is drawn off or added.

	Capacity mL	Neck ID mm	Height x Diam mm	Case Qty	Case Price \$
501835	1000	32	201 x 100	5	33.64

Kartell



Dropping Bottles, Long and Short Spout, LDPE

- Low Density Polyethylene bottle with closure / spout
- Choice of 50 or 100mL capacities

An ideal bottle for water and oils - there are no shoulders to restrict the flow. Graduated and can be secured using shoulder and cap tag to avoid sample contamination in transit. Conforms to DIN 13316 and 168. Supplied with LDPE cap for tip closure.

Long	Capacity mL	Sub Div mL	Sub Div Diam	Height* x mm	Mouth ID mm	Pack Qty	Pack Price
224125	50	10	130	x 38	13	10	38.54
-0050	100	20	146 x 48	13	10	10	44.93

Short	Capacity mL	Sub Div mL	Sub Div Diam	Height* x mm	Mouth ID mm	Pack Qty	Pack Price \$
224135	50	10	106	x 38	13	10	38.55
-0050	100	20	127 x 48	13	10	10	44.93

*Height with spout

Dispensing Bottles with Nozzle LDPE

- Leakproof screw closure
- Flexible

The white polyethylene screw cap has a pivoting nozzle which can be raised to give a direct jet of liquid as the bottle is squeezed. When the nozzle is closed the passage for liquid is shut off to give an airtight seal at normal pressure, although when the nozzle is partly open it makes an excellent dropping device. Max. temperature for LDPE is 80°C.

	Capacity mL	Height x Diam mm	Pack Qty	Pack Price \$
524165	30	84 x 31	10	19.82
-0030	60	97 x 39	10	20.01
-0150	150	120 x 59	10	21.98
-0250	250	150 x 59	10	25.75
-0500	500	170 x 74	10	31.51



LDPE Sealer Cap Bottles

These low density polyethylene bottles are supplied with LDPE sealer caps. Maximum temperature for LDPE is 80°C.

	Capacity mL	Cap Size mm	Height x Diam mm	Pack Qty	Case Qty	Case Price \$
605085	15	15 36	x 24	12	48	50.06
-0005	30	18 98	x 30	12	48	52.66
-0020	60	18 108	x 36	12	48	61.74
-0040	125	24	144 x 47	12	36	67.74
-0060	180	24	162 x 55	12	36	78.93
-0080	250	24	174 x 60	12	36	91.06
-0160	500	28	195 x 79	12	24	77.40



Dispenser Bottle with Adjustable Volume, LDPE/PMP

- LDPE bottle with PMP dispenser

The graduated clear PMP measuring cup slides up and down on the vertical polyethylene tube for easy adjustment. The variation in height determines the volume to be dispensed. The cup is filled by squeezing the bottle and forcing the liquid up the tube. When the bottle pressure is released, the excess will be drawn back into the bottle and only the desired volume will remain.

	Capacity mL	Cup Size mm	Height x Diam. mm	Case Qty	Case Price \$
206305	250	5-25	282 x 60	10	143.26
206315	500	5-25	324 x 75	10	157.17
206325	1000	5-25	354 x 94	10	201.89
206335	250	5-50	298 x 60	10	182.55
206345	500	5-50	340 x 75	10	193.11
206355	1000	5-50	370 x 94	10	242.24



Use absorbent BenchGuard matting on page 25 to reduce cleanup time.

Dispensing Bottle 500mL, HDPE

Supplied with PP closure, this 500mL dispensing bottle is highly suitable for dispensing liquids and creams. Wide surface area is easily labeled with contents. Suitable for food grade products.

	Capacity mL	Height x Diam mm	Case Qty	Case Price \$
205135	500	229 x 77	5	32.08



Kartell



Quick Mist™ Dispenser Bottle, HDPE

- Excellent for spraying all types of thin liquids
- Fine mist with large pattern
- Not suitable for use with food products

Reusable hand sprayer. Trigger-type operation to provide fine mist with large pattern. Trigger assembly chemically resistant polypropylene with plastic strainer. Easily cleaned valve and intake. Excellent for spraying all types of thin liquids. Not suitable for use with food products.

Capacity mL	Height inches	Diameter inches	Pack Qty	Pack Price \$
605144 500	7.875	2.4	4	27.79
605154 1000	9.4	3.4375	4	34.28



Economy Integral Style Wash Bottle, LDPE

These wash bottles have an integrally molded tube with removable jet tip and a separate plain Polypropylene cap. The shape is a squared - oval for easy grip and improved stability. Can be supplied with the tube end sealed for transportation when filled. Maximum temperature of LDPE is 80°C.

Capacity mL	Height Color	inches	Width inches	Length inches	Case Qty	Case Price \$
506535 250	Natural	6.25	1.8	2.75	5	29.95
-0500 500	Natural	7.5	2.3	3.3	5	34.41



Multi-lingual WM GHS Compliant Wash Bottles

- Multi-lingual wide mouth wash bottles featuring the patented DripLok® vapor venting valve that prevents solvent drips
- Indelibly printed in 4 languages (English, French, German and Spanish)
- Choose from four solvent labels, all including the new Globally Harmonized Symbols, NFPA diamond, risk phrases & safety information
- Fitted with color coded one-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control
- Dimensions (height x diameter):
250mL 145 x 60mm; 500mL 165 X 75mm

	250 mL	500 mL	250mL Case Qty	500mL Case Price \$	500mL Case Price \$
Printed	506485	506495			
Acetone	-0001	-0001	5	36.13	37.81
Ethanol	-0002	-0002	5	36.13	37.81
Isopropanol	-0003	-0003	5	36.13	37.81
Methanol	-0004	-0004	5	36.13	37.81
Set/5*	-0005	-0005	5	40.65	42.18

*Sets include 1 of each printed bottle as well as the corresponding capacity custom write-on bottle.

Round Wide Neck Wash Bottle, LDPE

- Dimensions (height x diameter):
250mL 145 x 60mm; 500mL 165 X 75mm; 1000mL 209 x 90

These high quality wash bottles are supplied in flexible natural polyethylene and are fitted with a range of color coded leak proof, wide neck polypropylene spout closures. The wide neck offers easy spill-free filling, and the acute angled, precision molded dispensing spout, ensures a consistent, downward pointing jet. The wash bottles are supplied in shrink-wrapped packs of five. All feature S.P.I. recycling codes on their base. Maximum temperature of LDPE is 80°C.

Color	250mL	500mL	1000mL	250mL Case Qty	500mL Case Price \$	1000mL Case Price \$
White	506925	506935	506945	5	28.91	32.12 35.98
Red	-0001	-0001	-0001	5	27.47	32.12 33.48
Yellow	-0002	-0002	-0002	5	26.93	31.68 33.48
Green	-0003	-0003	-0003	5	32.12	31.37 33.48
Blue	-0004	-0004	-0004	5	32.12	30.75 33.48

Weighing Bottles, PP with PP Lids

- Autoclavable, reusable translucent bottles
- Airtight, push on lids included
- No internal shoulder eliminates need for spatulas
- For liquids or solids

Reduce the tare weight correction with these light weight, autoclavable, reusable translucent bottles. Highly resistant to acid attack. Tops can be squeezed to assist pouring. Remove lid before autoclaving. Very economical compared to glass.

	Capacity mL	Height x Diam mm	Tare grams	Pack Qty	Pack Price \$
261154					
-0001	20	29 x 40	8	10	56.52
-0002	23	48 x 30	8	10	57.34
-0003	30	29 x 49	10	10	58.05
-0004	50	34 x 59	18	10	65.62
-0005	60	69 x 40	14	10	67.39
-0006	190	88 x 59	28	10	82.17
-0007	360	118 x 70	40	10	98.61

Acrylic Burette

- Class B accuracy
- Ideal for use in educational environment
- Supplied with PMP/PP stopcocks
- Each burette supplied with technical data sheet

These break resistant transparent acrylic burettes are screen printed in black to Class B accuracy. They are suitable for use in education, research or industrial laboratories, especially where breakages often occur.

This series is unaffected by most dilute aqueous solutions (except ammonia and HF) but unsuitable for ethanol or organic solvents. Individually calibrated.

	Capacity mL	Tolerance +/- mL	*Length x ID mm	*Tube Length mm	Price Each \$
564715					
-0025	25	0.1	550 x 89.5	480	74.67
-0050	50	0.1	750 x 10.8	680	94.03

* Nominal

Burette, Retort Stand

This heavy white polyethylene resistant stand weighs 5.5lbs. It comes with a polyethylene coated metal rod which screws into the base. Available with the hole in the center or at the short edge. The base dimensions are: 171 x 248 x 52mm (6 3/4" x 9 7/8" x 2 1/16"). Rod diameter is 12.5mm.

	Description	Price Each \$
502655	Center Rod Stand	110.32
502665	Edge Rod Stand	110.32



Automatic buret washer on page 29

Burette Clamps, PP

These spring loaded polypropylene clamps allow a clear view of the graduations over the entire length of a burette. The arms are fitted with rubber grips to prevent slipping and the central boss features a conical compression piece which provides a firm grip on rods 11 - 14mm diameter. Available as a single or double model.

	Model	Dimensions Inches	Pack Qty	Pack Price \$
562415	Single	6.25L x 1.58W x 5H	5	56.44
562425	Double	8.5L x 1.6W x 5.2H	5	80.25



Kartell



Economy Bottle Carrier HDPE

Lightweight, sturdy bottle carrier provides economical means to transport up to six 1 Liter bottles (3 1/2" diameter or smaller). Dimensions approximately 13" x 9 3/4" x 4 1/4" deep compartments. Handle is approximately 6" high.

	Description	Price Each \$
408175	Economy Bottle Carrier	28.00





Titration Burette Automatic



This automatic titrating burette is a universal aid in the laboratory, electroplating industry, water treatment plants, for field analysis and numerous other applications. Available in 5 sizes from 5mL to 50mL.

Prominent features include:

- Measured "to deliver"
- Burette made of Schott graduated borosilicate glass with blue ring graduations and Schellbach stripe for easy read measurements
- Graduations in accordance with Category B (Tolerances according to DIN ISO 385)
- Exact dispensing of precise discharge jet or drop via the micro screw
- Left or right hand operation for ease of use
- Sturdy stand for support
- 1 liter low density polyethylene (LDPE) chemically resistant bottle

Capacity	Division	Precision	Height	Price
896954 mL	mL	mL	cm	Each \$
-1005 5	0.05	+/- 0.015	48	116.17
-1010 10	0.05	+/- 0.030	57	116.17
-1015 15	0.10	+/- 0.045	49	116.17
-1025 25	0.10	+/- 0.045	61	116.17
-1050 50	0.10	+/- 0.045	87	135.71



Carboy, Light & Heavy Weight, HDPE

This carboy range features large carrying handles and indented hand grips on bottom for easy carrying and pouring. These carboys are supplied with 63mm HDPE closures that are threaded and can be drilled to accept screw in faucets. Carboys are made with food grade resins, are leakproof but not considered to be a shipping container. Maximum temperature for HDPE is 110°C.

	Capacity	Description	Height x Length	Price
	gallons		Width mm	PK /4 \$
405604	5	Light	342 x 245 x 248	82.88
405614	2.5	Light	185 x 245 x 187	72.77
405624	5	Heavy	342 x 245 x 248	135.39
612935	N/A	PE Faucet	N/A	77.08



Kartell

208685 -0025

208675 -0010

Heavy Walled Narrow Mouth Carboy Bottle, HDPE

Made from food grade chemical resistant HDPE. Suited for storing liquids. The HDPE closure contains tag holes for identification and a rubber o-ring for added security. Heavy duty swing handle aids in carrying.

	Capacity	Height x	Neck	Price
208685	Liters	Diam mm	NS mm	Handles
-0005	5	345 x 163	46	1
-0010	10	425 x 210	55	1
-0025	25	565 x 379	55	2
-0050	50	700 x 366	55	2

Heavy Walled Wide Mouth Carboy HDPE with Neck Insert

Ideal for liquid or powders. Made from food grade chemical resistant HDPE with LDPE neck insert plug that provides maximum security. Heavy duty swing handle aids in carrying. HDPE closure contains tag holes and finger grips for ease of opening. Heavy duty swing handle aids carrying.

	Capacity	Height x	Neck	Price
208675	L	Diam mm	ID mm	Handles
-0005	5	315 x 163	90	1
-0010	10	390 x 210	120	1

Baritainer® Jerry Cans

- Replaces fluorinated, glass, steel and epoxy phenolic
- UN Classification X Rated (4L, 5L, 10L) Y Rated (20L)
- Impact and corrosion resistant
- Durable, lightweight, stackable
- FDA Compliant
- Economical and Recyclable

Baritainer® Jerry Cans with handle (4L, 5L, 10L & 20L) are the alternative solution for packaging, storing and transporting chemicals that usually require glass, metal, fluorinated HDPE or other single barrier containers.

Baritainers are impact resistant, lightweight, rugged, economical and stackable containers for chemicals. Baritainers are effective containers for solvents, esters, ketones and some acids.

EFFICACY:

- Solvents: up to 300x of HDPE
- Oxygen: up to 100x of HDPE
- Fluorinated: up to 2X more efficient barrier

COMPARED TO HDPE:

- Quoral BR is 100x more efficient with hydrocarbon solvents
- Provides an excellent aroma barrier
- 2x to 5x improvement in O2 barrier performance

KEY APPLICATIONS:

QUORAL® (patent pending) based Baritainer Jerry Cans have been extensively tested both for efficacy and safety. They can be used to safely dispense, store and transport solvents such as household chemicals, industrial & laboratory chemicals and waste, cleaning solvents, adhesives, wood preservatives, automotive additives, chemicals in the agricultural, automotive photo-chemical sector. Baritainers can be used to safely store and transport food ingredients, flavorings, edible oils, essential oils and other industry products such as cosmetics and fragrances. Baritainer Jerry Cans offer an attractive and environmentally friendly alternative to glass, metal containers, coextruded or fluorinated containers and other single-layer barrier containers, polyester and PVC containers.

SPECIFICATIONS:

UN X or UN Y rated Jerry Can with screw closure. Closure size: DIN 50 (4L, 5L, 10L) or Natural 70mm (20L) with tamper-evident system. HDPE maximum temperature: 248°F (120°C) and minimum temperature: -148°F (-100°C). Not autoclavable.

COMPOSITION:

Jerry Can: Natural, QUORAL® (pat. pend.) and HDPE

Screw cap: Black HDPE. Screw cap Inner liner: cross link polyethylene (4L, 5L, 10L) Natural HDPE with 3/4" NPT Center Reducer screw cap and EPDM liner (20L)

Capacity	Weight	A-Length	B-Width	C-Height	D-Height*	F-Neck	Price
405594	gal (L)	lbs (gram)	inches (mm)	inches (mm)	inches (mm)	inches (mm)	Each \$
-0004	1.1 (4)	0.6 (286)	7.25 (125)	5.5 (140)	8.3 (211)	8.5 (216)	8.06
-0001	1.32 (5)	0.6 (272)	7.5 (190)	5.7 (145)	9.2 (235)	9.8 (250)	10.81
-0002	2.64 (10)	1.3 (590)	8.75 (222)	7.25 (184)	12.0 (305)	12.5 (318)	16.38
-2070	5.28 (20)	2.65 (1202)	10.1 (265)	10.9 (277)	14.3 (363)	14.7 (374)	29.96

* height to handle

Heavy Walled Narrow Mouth Carboy with Spigot, HDPE

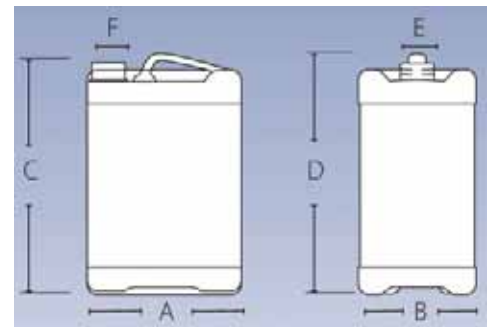
Made from food grade resin, the HDPE closure with tag holes includes an o-ring for added security. The spigot with gasket is leakproof and screws directly into a welded wall insert. Very resistant to many common chemicals, these carboys provide great value for the economical price. Heavy duty swing handle aids in carrying.

Capacity	Height* x	Mouth ID	Price		
Liters	Diam mm	(OD mm)	Each \$		
208605					
-0005	5	345 x 170	52.5 (62.5)	1	43.23
-0010	10	425 x 210	52.5 (62.5)	1	53.70
-0025	25	565 x 280	79.5 (95.5)	2	86.25
-0050	50	700 x 350	79.5 (95.5)	2	176.87
212905	Replacement spigot for above carboys				8.84

* height with handles



LOOK
Ideal for chemical waste collection. UN shippable and very economic!



Kartell



505634-2

505634-3

Autoclavable Carboys and Large Bottles, PP

- Range of high performance large bottles and carboys in three sizes
- Autoclavable PP, heavy-duty construction
- FDA compliant resin
- Stylish rounded octagonal shape for increased rigidity when full
- Offset neck for easier filling and pouring
- Integral, comfortable blow molded handles for ease of carrying are end-sealed to prevent contamination
- Heavy-duty closures are compatible with other leading brands
- Carboys feature a durable and leak-proof heavy-duty spigot with boss fitting for extra strength
- Spigot features removable tube fitting for added convenience
- Molded graduations allow easy viewing of contents

505634	Capacity Liters	Cap Size Nom. mm	Height x Width Length mm	Price Each \$
-1	5	45	270.5 x 190 x 190	62.70
-2	10	90	359 x 238 x 238	86.52
-3	20	90	419 x 300 x 300	103.63
-4	5	45	270.5 x 190 x 190	40.01
-5	10	90	359 x 238 x 238	64.70
-6	20	90	419 x 300 x 300	81.82
-7	Replacement spigot - above carboys			21.77



Straight-Side Containers, PP

Supplied with white polypropylene linerless screw closures. Made of translucent, autoclavable polypropylene. These jars are economical and ideal for storage of lab specimens, supplies or powders. Many industrial applications. Maximum temperature polypropylene is 121°C.

	Capacity mL	Height w Cap x Diam mm	Case Qty	Case Price \$
421115	30	43 x 43	72	102.74
421125	60	47 x 53	48	73.30
421135	120	60 x 70	36	87.94
421145	250	66 x 89	36	113.05
421155	500	97 x 89	24	113.49
421165	950	100 x 120	24	168.56
421185	1200	132 x 120	24	215.17



Straight-Side Polystyrene Containers

Supplied with white polypropylene screw closures, these "glass-clear" polystyrene jars have many uses in the lab and industry. Lightweight and easy to fill. Maximum temperature polystyrene is 70°C.

	Capacity mL	Height w Cap x Diam mm	Case Qty	Case Price \$
421205	60	47 x 53	48	72.31
421215	120	60 x 70	36	84.15
421195	180	72 x 70	36	96.07
421225	240	66 x 89	36	108.43
421235	480	97 x 89	24	102.53
421245	1000	100 x 120	24	156.98



Polystyrene Containers

Rigid-wall styrene containers with tight fitting polyethylene snap-on caps. Excellent for storing dry materials, powders, tablets, etc. Approximately 16 drams per ounce. 7 dram size may be used with automatic cell counters for collection of sample and, where venous samples are used, for dilution purposes. Maximum temperature polystyrene is 70°C.

426364	Capacity drams (mL)	Height w/o Cap x ID mm	Case Qty	Case Price \$
-03	3 (8)	48 x 17	144	49.56
-05	5 (17)	50 x 22	144	50.66
-07	7 (24)	50 x 26	144	55.09
-10	10 (40)	82 x 27	144	71.40
-13	13 (48)	72 x 30	144	80.43
-15	15 (57)	62 x 33	144	82.57
-20	20 (69)	63 x 38	144	100.53
-30	30 (113)	75 x 46	72	70.27
-40	40 (145)	98 x 45	72	81.48

Cylindrical Jars with Screw Caps, HDPE

The cylindrical HDPE jars are supplied with insert and HDPE cap. Thanks to the large neck they are suitable for powders and solid specimens.

	Capacity mL	Height w Cap x Diam mm	Pack Qty	Pack Price \$
226415	70	60 x 50	10	23.77
-0070	120	71 x 56	10	26.37
-0120	250	94 x 69	10	27.73
-0250	500	107 x 86	10	34.29
-1000	1000	128 x 111	10	45.28
-1500	1500	182 x 111	10	52.32
-2000	2000	235 x 111	10	59.35

Kartell



High Strength Vials, HDPE

- Leakproof
- Excellent chemical resistance

Sturdy, heavy walled vials, ideal for storing mercury etc. Small quantities of liquid or solid samples can be taken out by pipette / spatulas without the hindrance of internal shoulders.

	Capacity mL	Height x OD (ID) mm	Wall Thick mm	Pack Qty	Pack Price \$
226425	5	35.7 x 21 (17.6)	1.7	10	40.79
-0005	10	58.4 x 21 (17.6)	1.7	10	49.07
-0010	30	53 x 35 (31)	2	10	56.75
-0030	60	94.2 x 35 (31)	1.7	10	69.17
-0060	90	63.4 x 54.5 (50)	2.2	5	42.92
-0180	180	109.6 x 54.5 (50)	2.2	5	50.84

Kartell



Vial Containers, Sample, LDPE

General purpose containers with push-in friction fit hinged lids. Lightweight, wall thickness approximately 1mm. Withstands temperatures up to 80° C.

	Capacity mL	Height x OD mm	Pack Qty	Pack Price \$	Case Qty	Case Price
226245	1	32 x 8	20	10.24	100	51.22
-01	2.5	31.5 x 14	20	12.08	100	60.41
-02	5	49 x 15	20	12.63	100	63.17
-05	8	57.6 x 17.2	20	13.78	100	68.92
-08	7	32.9 x 22.8	20	16.32	100	81.59
-10	20	74.5 x 24.8	20	31.39	100	156.96
-25	35	74.5 x 31	20	38.09	100	190.47

Kartell



Containers, Hinged Lid, PE

These hinged lid containers are ideal for use just about anywhere. They feature a secure snap closure with hinged lid that eliminates lost caps. Containers offer air and moisture resistance to contents. Manufactured from flexible FDA approvable polyethylene resin.

	Capacity oz	Height x OD mm	Case Qty	Case Price \$
226254	0.25	13 x 41	100	38.20
-0025	0.5	19 x 41	100	42.74
-0050	1	25 x 51	100	58.99
-1000	1	38 x 41	100	57.43
-1500	2	41 x 51	100	69.76
-2000	4	86 x 51	100	91.82



Containers, Wide Mouth, HDPE

Large, high density polyethylene utility jar with hundreds of uses around the lab. Wide mouth, natural color. Withstands temperatures to 110°C.

	Capacity Gallons	Height x OD mm	Screw Cap mm	Closure mm	Case Qty	Case Price
626335	1/2	160 x 149	120	PP	24	95.09
600335	1	254 x 152	110	Metal	24	171.94



Container ~ Cutting Board



Natural Containers



White Opaque Containers

Disposable Specimen Containers, HDPE and PPCO with LDPE Lids

- Leakproof
- Maximum temperature HDPE 110°C
- Choose either translucent or opaque containers
- Excellent chemical resistance
- Maximum temperature PPCO 121°C

Containers are HDPE except 8, 16, 32 oz natural and white, and 83 oz natural, which are PPCO, a copolymer of Polypropylene and High Density Polyethylene. PPCO offers a product with a higher temperature range while maintaining good impact strength. Recycling code is "5" for PP and the HDPE recycling code remains "2".

Both natural and white lids, all sizes, are made of LLDPE. Linear Low Density Polyethylene is tough like LDPE and a bit more rigid like HDPE, thereby allowing for a tight fitting lid. Recycling code is 4. Designed to simplify and standardize the handling and storage of specimens. The containers are inert and cannot be attacked by formaldehyde or weak acids or bases. Will resist freezing or boiling. They have long shelf lives and are easily disposable. Sturdy enough for reuse. Easy to store, requires little space. Price includes container with lid.

Capacity mL oz	White	Natural	White Material	Natural Material	Height x OD inches	Case Qty	White Case Price \$	Natural Case Price \$
120 4.2	454395	453565	HDPE	HDPE	1.8 x 3.2	250	156.27	148.99
240 7.7	454405	453595	PPCO	PPCO	3.5 x 3.1	250	147.88	147.16
240Low 7.7	N/A	453595L	N/A	PPCO	1.9 x 4.9	250		SALE 49.85
480 15.5	454415	453605	PPCO	PPCO	4.0 x 3.6	100	73.35	76.49
960 34.5	454425	453615	PPCO	PPCO	5.3 x 4.6	100	120.97	120.16
2000 70.1	454435	453625	PPCO	PPCO	6.6 x 5.9	50	114.62	107.53
2200 83.6	N/A	453555	N/A	PPCO	6.6 x 6.4	25		68.06
4800 168.8	454445	453635	HDPE	HDPE	7.8 x 8.1	25	110.00	116.01
100 Piece White Kit:	454455 components (25) 120mL, (20) 240mL, (20) 480mL, (20) 960mL, (10) 2000mL, (5) 4800mL						104.21	



Space Saver Container, HDPE

- 5 Liter available with or without faucet

This rectangular HDPE bottle conveniently stores or dispenses 5 liters of liquid. Supplied with a standard closure, however the 38mm opening can also be secured with a dispensing faucet. Space saver bottle dimensions: 14 1/2"H x 9 1/4"D x 2 1/2"W.

Capacity Liters	Description	Height x Depth Width inches	Price Each \$
405644	5 Bottle	14.5 x 9.25 x 2.5	11.99
405654	N/A Faucet	1.2 x 2.9 x 2.25	4.77
405684	5 Bottle with Faucet	14.5 x 9.25 x 2.	17.08

Cutting Board, HDPE

White, easy-to-clean surface. Provides excellent surface for examining specimens, cutting, dissecting, etc. NSF, FDA and USDA approved material. Additional sizes and materials available upon request.

	Length inches	Width inches	Height inches	Price Each \$
116405	12	18	0.5	34.89
116415	15	20	0.5	48.73
116425	18	24	0.5	67.71
116435	18	24	0.75	95.82
116445	11.75	7.75	0.5	59.30

Cylinders, Squat Form, Polypropylene

- Squat design for increased stability on the bench and ease of handling particularly in restricted spaces
- Self-draining base eliminates water collection during washing in an automatic lab washing machine - thereby removing all spill re-wetting and contamination issues
- Clear molded blue over-printed graduations - always visible
- High clarity polypropylene - safe, unbreakable with good chemical and temperature resistance
- Anti suction base - no problems when working on wet surfaces
- Space saving storage with low form cylinder design

The squat design makes these translucent polypropylene products more stable on the bench than traditional glass or plastic cylinders and results in fewer spills or more serious accidents. They are easier to handle, particularly in confined spaces such as fume hoods. The lower form means you require less overhead storage space. Not only are the graduations molded into the product, but they are also overprinted in attractive Azlon blue ink. And these cylinders have a unique self draining base that will allow wastewater to drain when inverted in a dishwasher - a first from Azlon!

	Capacity mL	Height x OD mm	Grad. mL	Tol. +/-1 mL	Case Qty	Case Price
537835	100	160 x 39	2	2	5	50.49
-0100	250	190 x 54	5	5	1	13.50
-0250	500	215 x 68	10	10	1	17.46
-1000	1000	282 x 80	20	20	1	22.84

Cylinder Polypropylene 4 Liter

- Calibrated TC/TD In 20°C +/- 50mL
- Height w Base: 23 1/2"
- Subdivisions: 50mL
- Weight: less than 11 lbs when full to 4 L
- Compliant with US FDA 21 CFR 177.1520 for use with Food and Beverage
- Compliant with ISO 6706

A 4 Liter translucent polypropylene Cylinder in a Squat Format with graduations marked in blue print. 50mL increments with 500mL graduation lines printed around circumference. Less than 24" in height with stable 8" diameter octagonal base. The base unscrews from cylinder for ease of cleaning and storage. Use for measuring large volumes, mixing and making up solutions and buffers. Complies with ISO 6706 and US FDA 21 CFR 177.1520 for use with Food and Beverage. Autoclavable (repeated autoclaving may affect accuracy).

	Height x Base Diam Inches	Price Each \$
537835-4000	23.5 x 8	203.46

LOOK
drying racks
on page 30-31



Conical Graduate, PP

- Withstands temperatures to 121°C

These polypropylene graduates have a wide base for stability and are designed for safe grip. Highly resistant to chemicals. Autoclavable.

	Capacity mL	Increments mL	Height x Top OD mm	Tolerance +/-1 mL	Case Qty	Case Price \$
212205	100	2	120 x 65	0.2	6	51.03
212215	250	5	160 x 88	0.5	6	80.60
212225	500	10	180 x 103	1	6	82.00
212235	1000	20	270 x 148	1	6	170.49



4 LITER
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Cylinder ~ Delivery Tube



Economy Molded Cylinders, PP & PMP

Our most popular education cylinder line...

- Durable molded graduations
- Shatter resistant - reduce breakage & incidence of injury!
- Chemically resistant to most acids, bases and many common solvents
- Autoclavable
- Choose glass-like clarity of polymethylpentene (PMP) or
- Choose economical translucent polypropylene (PP)

These cylinders feature permanently molded graduations that will not fade after repeated autoclaving. Meets stringent international quality criteria according to ISO 6706 standards. Tolerances according to DIN 12 680 TT, Class B. Maximum temperature: PP 121°C, PMP 135°C.

Capacity mL			Sub Div. mL	Tolerance +/- mL	Height x OD mm	PMP	PMP	PP	PP Case
	PMP	PP				Case Qty	Price \$	Case Qty	Price \$
10	237735	239005	0.2	0.2	140 x 14	20	108.82	20	102.53
25	237745	239015	0.5	0.5	170 x 20	20	127.16	20	113.12
50	237755	239025	1	1	200 x 26	20	161.45	20	157.28
100	237765	239035	1	1	250 x 31	10	98.68	10	86.65
250	237775	239045	2	2	315 x 42	8	96.51	10	99.86
500	237885	239055	5	5	360 x 55	6	95.60	8	115.74
1000	237895	239065	10	10	440 x 66	4	79.56	6	106.04
2000	237915	239075	20	20	535 x 83	4	195.79	4	140.11



Polypropylene Cylinder Sets

	Description	Set Price \$
239085-0000	(1) Each 10, 25, 50, 100, 250, 500, 1000mL	74.43
239085-0001	(1) Each 10, 50, 100, 250, 500, 1000mL	68.27
239085-0002	(1) Each 10, 50, 100, 500, 1000mL	57.46

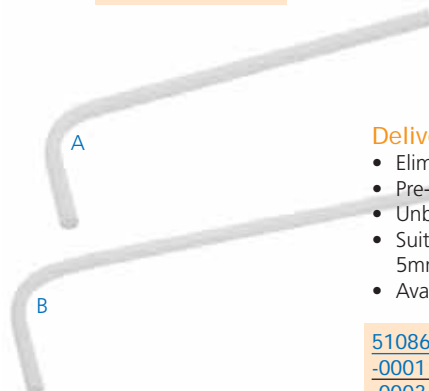


Printed Cylinders, PP & PMP

- Brilliant easy to read blue printed graduations
- Shatter resistant - reduce breakage & incidence of injury!
- Chemically resistant to most acids, bases and many common solvents
- Autoclavable
- Choose glass-like clarity of polymethylpentene (PMP) or
- Choose economical translucent polypropylene (PP)

These cylinders feature permanently easy to read blue screened graduations that resist fading and scratching after repeated autoclaving. Meets stringent international quality criteria according to ISO 6706 standards. Tolerances according to DIN 12 680 TT, Class B. Maximum temperature: PP 121°C, PMP 135°C.

Capacity mL			Sub Div. mL	Tolerance +/- mL	Height x OD mm	PMP	PMP	PP	PP Case
	PMP	PP				Case Qty	Price \$	Case Qty	Price \$
10	537805	537815	0.2	0.2	140 x 14	20	134.33	20	126.55
25	-0025	-0025	0.5	0.5	170 x 20	20	156.93	20	139.65
50	-0050	-0050	1	1	200 x 26	20	199.32	20	194.16
100	-0100	-0100	1	1	250 x 31	10	119.38	10	106.97
250	-0250	-0250	2	2	315 x 42	8	119.17	10	123.29
500	-0500	-0500	5	5	360 x 55	6	118.37	8	137.19
1000	-1000	-1000	10	10	440 x 66	4	100.19	6	130.91
2000	-2000	-2000	20	20	535 x 83	4	244.12	4	172.92



Delivery Tubes, Polypropylene

- Eliminate cuts caused by fragile glass alternatives
- Pre-bent rigid Polypropylene delivery tubes
- Unbreakable in normal use
- Suitable for many types of gas collection experiments 6mm OD f ts 5mm stopper holes
- Available in two configurations

510864	Photo Reference	OD x ID mm	Pack Qty	Pack Price \$
-0001	A	6 x 4	5	37.60
-0003	B	6 x 4	5	37.60

Lipsol® Detergent, Concentrate

- Ideal for soaking glass and plastic
- Free of chlorine bleaches phosphate and enzyme free
- Suitable for laboratory medical and industrial applications
- Not suitable for use on non-ferrous metals especially aluminum or zinc
- Not suitable for use on polycarbonate

Lipsol is a non-corrosive, fully biodegradable liquid concentrate, suitable for use with all types of laboratory glassware, ceramics, plastics, rubber, stainless steel and ferrous metals. Lipsol is a highly alkaline mixture of detergent, surfactant and chelating agent suitable for removal of most types of contamination by soaking or use in an ultrasonic bath; not for use in dishwasher. Lipsol is classified as a non-CORROSIVE. MSDS is available upon request.

	Description	Case Qty	Price Each \$
504004	Lipsol® Detergent	2	108.9

**Dippers, HDPE**

High density polyethylene dipper for removing samples from large tanks. Lightweight but durable. Available in seven popular sizes. 500mL capacity dippers feature graduation markings of 50ml and 1000mL is graduated in increments of 100mL. *12-foot size supplied with 2-piece handle for economy in shipping and storage. Additional sizes available upon request.

	Handle Length Feet	Capacity mL	Price Each \$
107065	1.5	500	31.73
107075	3	500	39.86
107085	6	500	57.59
107095	12*	500	113.85
106505	3	1000	56.78
106515	6	1000	69.37
106525	12*	1000	116.47

**High Impact Trays, HIPS**

Useful for the transport and benchtop storage of vials, bottles, containers, instruments and various laboratory accessories. Made of food grade high impact polystyrene. Very durable.

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	Length inches	Width inches	Height inches	Price Each \$	
209295					
-0001	7.9	5.9	0.83	9.62	
-0002		5.9	3.9	1.2	10.73
-0003	13.9		10	1.6	19.77
-0004	13.9		10	3.2	27.93
-0005	16.1	11.8		0.8	26.40
-0006	16.1	11.8	3.2		28.77

**Dishes, Developing Flat Bottom, White HDPE**

- Do not chip & are easily cleaned
- Use for spill tray w/ pouring lip
- Accept standard photographic paper
- Good for slide staining

	Length inches	Width inches	Height inches	Price Each \$	
409204	8.875	6.875	1.5	9.56	
409214	13.25	11.25	1.875	17.85	
409224	15.625	13.375	2.5	27.85	
409234	17.25		14.375	2.25	29.27
409244	21		17.5	3.125	46.41
409254	24	20	3		59.26
409264*	25.75	21.75	3.5		88.55
409274*	27.75		23.5	3.25	97.10
409284*	32.25		27.5	4.125	138.93



*no pouring lip



Draining / Cleaning Basket, PP

- Strong, lightweight rectangular basket
- Suitable for use as a draining basket, autoclave basket or for general storage
- Units stack when not in use to save space
- Excellent chemical resistance
- Autoclavable to 135°

	Description	Pack Qty	Pack Price \$
546904	Draining Basket	4	99.37



Glass Disposal Boxes

- Colorful graphics for quick identification
- Assembly instructions on each box
- Tough 2 mil polyethylene liner
- Folding design for shipping & storage
- Closure assures a safe, hygienic disposal
- Range of convenient sizes

	Description	Length x Width x Height inches	Opening	Price Each \$
797005	Floor	12 x 12 x 27	7	64.34
797015	Bench	8 x 8 x 10	5	43.00
797035	Intermediate	12 x 12 x 20	7	64.34



Erlenmeyer Flasks, PP

- Heavy walled, autoclavable, Erlenmeyer flasks with tooled necks
- Supplied complete with polypropylene stoppers
- Temperature characteristics and approximate graduations are clearly and indelibly printed on each flask

	Capacity mL	Cap Size mm	Height* mm mm Each	Base OD	Price \$
541905	50	19/26	90 56		15.45
-0050	250	29/32	140 84		33.37
-0500	500	34/35	158 107		37.55
-1000	1000	34/35	198 130		23.21

* without stopper

Conical Stoppers, PP

Use with plastic or glass erlenmeyer or volumetric flasks. Stoppers manufactured to DIN Standards 12242 ensuring sealing action on nonstandard surfaces.

	Neck Color	Size	Lower Diam mm	Case Qty	Case Price \$
241415	Own	14/23	12.2	2	4.43
-0001	Brown	14/23	12.2	2	4.43
-0002	Yellow	19/26	16.4	2	5.36
-0003	Red	24/29	21.1	2	7.12
-0004	Black	29/32	25.8	2	8.10
-0005	White	34/35	30.9	2	10.72

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Volumetric Flasks, PP

Molded to class B tolerance in translucent polypropylene with a tooled neck. Each flask is individually calibrated. Supplied complete with polypropylene stoppers and have the material and temperature characteristics printed in green.

	Capacity mL	Height mm mm	Base OD GL	Case Qty	Case Price \$	
241514	25	121	36	18	5	75.08
-0025	50	143	46	18	5	80.75
-0100	100	174	58	18	5	95.18
-0250	250	225	82	25	5	105.47
-0500	500	265	100	25	2	47.67
-1000	1000	325	120	25	2	60.44

Volumetric Flasks with Stoppers, PMP

These crystal clear volumetric flasks create no meniscus so final readings are easy. Calibrated gravimetrically at 20°C. Thick walls eliminate distortion. Thin necks make final measurement precise. Autoclavable to 170°C. Chemically cleaner than glass and chemically non-absorbent. No wetting. Stopper included. Suitable for foodstuff.

241574	Capacity mL	Height* mm	Base OD mm	Neck mm	Case Size Qty	Case Price \$
-0050	50	143	46	14/23	5	96.88
-0100	100	174	58	14/23	5	114.21
-0250	250	225	82	19/26	5	129.06
-0500	500	265	100	19/26	2	57.80
-1000	1000	325	120	19/26	2	72.55

* Height with stopper



Powder Funnels, PP

These wide stem, autoclavable funnels are translucent and allow for the passage of larger particles. Economical, fast and efficient.

342555	Top Stem ID mm	Diam mm	Overall Length mm	Case Qty	Case Price \$
-0065	65	16	68	30	121.99
-0080	80	22	75	30	144.61
-0100	100	23	94	30	173.77
-0120	120	27	110	30	208.33
-0150	150	29	138	20	163.07
-OSET	65, 100, 150 (2 each)				35.87

Lightweight Funnels, HDPE/PP

Economically priced ribbed funnels which prevent air lock and speed filtration. The two smallest sizes are HDPE, the remainder are PP.

542365	Material	Top Stem ID mm	OD mm	Length mm	Case Qty	Case Price \$
-01	HDPE	30	2	45	10	13.59
-02	HDPE	30	5	45	10	13.59
-03	PP	40	5	62	10	16.77
-04	PP	50	9	78	10	20.68
-05	PP	75	10	107	10	24.82
-06	PP	100	13	149	10	44.25
-07	PP	120	14	170	5	30.86
-08	PP	150	17	210	5	43.37
-OSET	50, 75, 100, 120 (1 each)					16.39

Utility Funnels, PP/HDPE

Utility funnels made of polypropylene or high density polyethylene. They are inexpensive, lightweight and designed for general use. The 162mm size (412334-0005) has a very large throat opening.

412334	Material	Holding T Cap. mL	Top Diam mm	Length mm	Case Qty	Case Price \$
-0001	PP	2	70	70	36	57.96
-0002	PP	4	89	102	36	69.67
-0003	PP	8	108	121	24	68.07
-0004	HDPE	16	127	146	24	98.07
-0005	HDPE	32	162	178	12	100.85
-0006	HDPE	64	203	203	12	136.71
212195-0001	4, 8, 16, 32, 64 (1 each)					31.66



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Buchner Funnels, PP

Molded of polypropylene, these funnels are unbreakable and resistant to corrosion and heat, and easily separated for cleaning. Can be used without risk with Erlenmeyer flasks. Optional disks for funnels sold separately. Molded of polypropylene for corrosion resistance, withstands high temperature. No special flask is required. The funnels are supplied with rubber gaskets allowing them to rest on almost any container. Light in weight, more stable than glass or porcelain funnels. Can be taken apart for easy cleaning. The smallest size fits bottles with opening from 20 to 57 mm, medium size from 25 to 75 mm, largest size from 30 to 100 mm.

	Filter	Holes	Capacity	Case	Case
242835	Paper mm	mm	mL	Qty	Price \$
-042	42.5	1.2	40	12	117.61
-055	55	1.1	70	8	106.11
-070	70	2	180	6	91.14
-090	90	2.5	390	4	92.65
-110	110	2.5	810	4	137.26
-150	160	2.75	2,100	4	230.95
-240	240	3	6,000	2	224.43



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Supports for Buchner Funnels

Set of 7 adapters for Buchner funnels, manufactured of Neoprene rubber.

INCLUDES 1 EACH OF BELOW

O.D. mm	Taper Size	Height	O.D. mm	Taper Size	Height
I.D.	mm	mm	I.D.	mm	mm
21 x 11	17 x 7	21	58 x 38	50 x 30	35
27 x 16	22 x 11	22	69 x 45	60 x 36	40
37 x 22	31 x 16	25	86 x 57	75 x 46	45
46 x 29	39 x 22	29			

	Description	Set Price \$
242864	Set of 7 Supports for Buchner Funnels	37.84

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Discs for Buchner Funnels, HDPE

Made from high density polyethylene, these discs have excellent chemical resistance. They are useful for holding up filter paper. In this way the blocking of the holes is avoided and the filtering surface of the funnel is free. Will withstand temperatures up to 110°C. Mesh size is 950 x 700 microns.

242845	Filter Paper mm	Case Qty	Case Price \$
-042	42.5	50	61.51
-055	55	50	66.51
-070	70	50	69.21
-090	90	50	74.35
-110	110	50	79.86
-150	160	50	94.91
-240	240	50	127.32



Equipment cover ideal for use with Melting Point Device on page 26

Instrument Dust Cover, Acrylic

Made of transparent acrylic with an opening for the power cord(s), the instrument Dust Cover offers an inexpensive way to help protect instruments. Small handle on top allows for easy removal. Additional sizes available upon request.

	Description	Price Each \$
171004	Instrument Dust Cover 15 x 12 x 8"	74.39

Sterile Inoculating Loops and Needles, PS

These inoculating loops have been manufactured by using a special raw material which allows flexibility and high resistance to breakage. In addition, one end of the inoculating loop has been designed to be used as an inoculating needle, giving these loops a double purpose. Sterile, disposable and color-coded.

	Capacity Color	ul	Quantity Per Bag	Case Quantity	Case Price \$
226505	Blue	10	20	1000	106.33
226515	Clear	1	20	1000	109.52



Kartell

Labware Starter Kit

This versatile pack contains over 45 safe and popular plastic products for young scientists especially in Elementary, Middle and High schools. Teach storage, measurement, pipeting, dispensing etc. in both English and metric. Duplicate products allow sharing amongst students.

Catalog	Polymer	Description	Quantity
237755	PMP	Transparent Economy Molded Cylinder, 50mL	1
237765	PMP	Transparent Economy Molded Cylinder, 100mL	1
237775	PMP	Transparent Economy Molded Cylinder, 250mL	1
226415-0070	HDPE	Cylindrical Jar with Screw Closure and Insert, 70mL	1
226415-0500	HDPE	Cylindrical Jar with Screw Closure and Insert, 500mL	1
226415-1000	HDPE	Cylindrical Jar with Screw Closure and Insert, 1000mL	1
259845	HDPE	Test Tube Rack, Two Tier, for up to 18mm Tubes	1
262175	LDPE	Droppers, Bellow-Type Bulb, 1.5mL	5
262185	LDPE	Droppers, Bellow-Type Bulb, 5.0mL	5
299334-000B	PP/LDPE	Test Tube/Centrifuge Tube, Blue Closure, 16mm	2
299334-000R	PP/LDPE	Test Tube/Centrifuge Tube, Red Closure, 16mm	2
299334-000W	PP/LDPE	Test Tube/Centrifuge Tube, White Closure, 16mm	2
299334-000Y	PP/LDPE	Test Tube/Centrifuge Tube, Yellow Closure, 16mm	2
412575	NYL	Spatula/Stirrer 10"	3
426364-07	PS	Transparent Container with Snap-on Cap, 7Dram/24mL	3
501505-0125	PP	Graduated Bottle Wide Mouth with Marking Area, 125mL	1
501505-0250	PP	Graduated Bottle Wide Mouth with Marking Area, 250mL	1
502754-02	PS	Pipette Graduated 2mL	5
506805-0250	LDPE	Wash Bottle Narrow Mouth Sloped w White Clsr 250mL	1
522085-0100	PP	Printed "Square Ratio" Beaker, 100mL	1
522085-0250	PP	Printed "Square Ratio" Beaker, 250mL	1
326495-0500	PP	Beaker with Handle, 500mL	1
537835-0100	PP	Graduated Cylinder w/ Graduations, Squat Form, 100mL	1
542365-04	PP	Lightweight Funnels, 50mm ID	1
605085-0005	LDPE	Dispensing Bottle 15mL	1
605085-06	LDPE	Dispensing Bottle 180mL	1



	Description	Price Each \$
Lab Starter Pack	Labware Starter Pack	100.03

Slip-Stop Matting - reusable and washable

- Put an end to slips and messy mishaps anywhere
- Tacky mats hold objects firmly in place
- Contribute to safety by reducing glass breakage
- Use with shakers and stirrers to hold flasks
- Additional sizes available upon request

	Description	Price Each \$
404154	Slip-Stop Matting 6 x 16 x 1/31"	9.09



BenchGuard™ "Totally Absorbing" - Compare and Save!

BenchGuard and BenchGuard Extra have highly absorbent upper surfaces that contain spills and a tough polycoated base to protect your work surface. Standard BenchGuard absorbs up to 400ml per square meter. For your most demanding applications choose BenchGuard Extra - it absorbs up to 800ml per square meter. BenchGuard and BenchGuard Extra are available in either pre-cut sheets or a roll dispenser that has a built in cutting edge for easy cutting of any size sheet.

	Length Description Meters	Width cm	Case Quantity	Case Price \$
504314	Regular roll	50	49	168.56
-0001	Extra absorbent roll	50	49	220.52
-0002	Regular wallet	60	49	191.86
-0003	Extra absorbent wallet	60	49	110.71





Digital Melting Point Device

- Space saving compact design
- Digital LED temperature display with 0.1°C resolution
- 3 indicator lights (Heating, Fast, Slow) advising procedure in process
- Heating block with plastic cover to protect the user; cover is easily removed for cleaning
- Magnifying lens that allows a view of up to two samples illuminated clearly by a built in LED light
- Adjustable Slow Speed temperature ramp rate from 1°C to 10°C
- Fast Stage temperature set saves time prior to carrying out the melt
- Metal feet that extend and help provide an appropriate viewing angle
- "Read" button that captures the melt temperature allowing for an accurate recording
- Self calibration screw

The Dynalon DMP100 Melting Point Device is a convenient, safe, fast and easy to use digital product that determines the melting point of a substance without the need for a mercury thermometer. The DMP100 makes measurement simple and is ideal for use in educational chemistry labs. It can be an indispensable bench top tool for the modern science education laboratory and for select industrial application areas such as quality control testing for the purity of pharmaceutical and other organic crystalline solids. Priced economically with a 3 year warranty.

The DMP100 includes an Operations Manual with detailed use instructions and one pack of 100 glass capillary tubes, open on one end.



Dimensions 6.3 x 8.7 x 6.7" (l x w x h)
 Weight 4lb
 Electrical Supply 120V, 60Hz
 Temperature Range Ambient Temperature to 300°C
 Accuracy of +/- 1°C at 20°C; +/- 2.5°C at 300°C
 Digital Display/Resolution 4 Digit LED/0.1°C
 Temperature Ramp Rates
 Fast Temp Rate 20°C
 Slow Temp Rate Between 1°C and 10°C
 LED Indicator Lights



	Description	UOM	Price \$
DMP100	Melting point device, with pk/100 melting tubes, closed one end.	Each	999.00
DMP100/10	Glass melting tubes, sealed one end	PK/100	10.69
SMP1/4	Glass melting point tubes, open ends	PK/100	41.57
SMP2/1	Glass melting point tubes, sealed ends	PK/100	65.54



NEW Bucket with Graduations and Spout, LDPE

These LDPE buckets with easy pour spout are graduated internally in liters (TC-to contain). The steel bale handle has a comfortable grip. Suitable for food and beverage products with good to excellent chemical resistance especially at room temperature. Use up to 80°C or well below freezing.

	Capacity Liters	Capacity Gallons	Height x O.D. inches	Price Each \$
213185-0009	9	2.37	11.02 x 9.84	16.75
-0012	12	3.17	11.81 x 11.02	22.15
-0017	17	4.49	13.38 x 12.2	32.35

Petri Dishes

- Transparent Polystyrene and optically clear
- Stackable
- For single use
- Sterile by irradiation (-0000 is gamma; -0004 is E-Beam irradiated)
- Consistent flatness allows for even media distribution
- Certificate of Sterilization upon request
- Traceable by batch number

	Size mm			Dishes	Case	Case
404024	(nominal)	Color	Vents	/Sleeve	Qty	Price \$
-0000	100	Clear	None	20	480	125.08
-0004	100	Clear	Four	25	500	129.01

Petri Dishes - now available in sleeves of 20 each!

All Sterilin petri dishes are manufactured under strict aseptic conditions within a Class J clean room which complies with BS 5295. Petri dishes remain under clean room conditions throughout the manufacturing process. An in-house microbiology laboratory performs all the necessary testing, including that of sterility.

Sturdy polyethylene sleeves which exceed BS611 Part II are used to pack all Petri dishes. An inner liner compartments the carton and ensures that Petri dishes arrive in perfect condition. Cardboard used is of recycled grade.

	Size mm			Height x	Case	Case
502014	(nominal)	Color	Vents	Base Diam	Qty	Price \$
-07	50	Clear	Single	40.3 x 49.98	500	439.48
-07P	50	Clear	Single	40.3 x 49.98	20	18.46

Petri Dish Stand, Epoxy Coated

These useful stands will hold up to six 100mm petri dishes. Manufactured from epoxy coated steel they are fully autoclavable and ideal for small batch incubation.

	Description	Price PK/4 \$
503175-0001	White Petri Dish Stand, Epoxy Coated	85.83

Droppers, Bellow-Type Bulb, LDPE

- For single or multiple use applications; reduce the risk of infection / toxicity
- Nominal graduations to indicate volume; excellent drop formation
- Ergonomic bellows-shaped leakproof bulb reduces finger strain

	Length Stem		Capacity	Case	Case
	mm	Diam mm	Draw mL	Qty	Price \$
262175	132.5	7	1.5	100	28.62
262185	194	7	5.0	100	30.10

Disposable Pipettes, PS - now available in packs!

- Sterility guaranteed by gamma irradiation
- Crystal grade polystyrene for improved clarity
- Ascending & descending graduations for accurate pipetting
- Excellent accuracy, better than +/- 1%
- Easy-open color-coded tear strips
- Drawn tips allow every drop to drain freely

	Size	Suction Overall		Grads	Adapter	Pack	Pack	Case	Case
502754	mm	Adapter	Length mm	mL	Diam mm	Qty	Price \$	Qty	Price \$
-01	1	No	279	0.01	4.8	100	25.90	1000	209.17
-02	2	No	279	0.01	5.0	100	26.25	1000	211.99
-03	5	Yes	298	0.1	6.45	50	21.04	200	68.66
-05	25	Yes	348	0.2	0.8	25	30.88	200	197.78
-18	10	Yes	333	0.1	7.40	50	21.91	500	178.81



LOOK

FREE Sample Pack Available
e-mail Dynaloninfo@dyna-labware.com

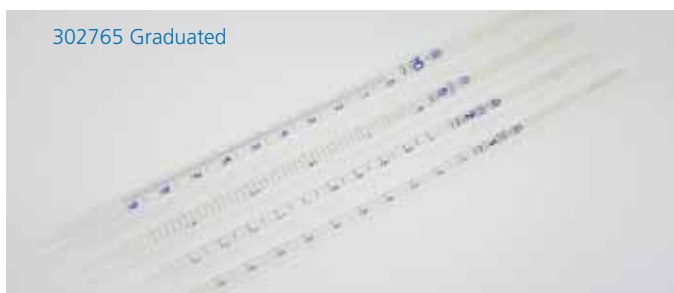


Kartell

Sterilin



302765 Graduated



303005 Volumetric



Graduated Measuring and Volumetric Pipettes, PP

Translucent polypropylene. Resistant to breakage. Blue graduations, ring mark and inscriptions. Ideal for fluoro and silicate chemistry. Recommended cleaning with mild alkaline detergent up to 60°C. Note: Exposure to temperatures above 60°C may cause volume changes.

Graduated	Capacity mL	Err or Limit +/- mL	Sub Divisions mL	Case Qty	Case Price \$
302765	1	0.02	0.1	12	148.72
-0001	2	0.02	0.1	12	163.67
-0002	5	0.03	0.5	12	174.37
-0010	10	0.04	0.1	12	180.73

Volumetric	Capacity mL	Err or Limit +/- mL	Case Qty	Case Price \$
303005	1	0.02	12	155.30
-0001	2	0.02	12	159.50
-0002	5	0.03	6	148.85
-0005	10	0.04	6	185.03
-0010	25	0.06	6	191.38
-0025	50	0.1	6	339.37

Wide Orifice Graduated Pipette

- Sampling small volumes of viscous substances
- 10mL capacity with 0.1mL sub divisions

Translucent polypropylene. Resistant to breakage. Blue graduations, ring mark and inscriptions. Use with pipettor. Recommended cleaning with mild alkaline detergent up to 60°C. Note: Exposure to temperatures above 60°C may cause volume changes. Additional sizes available upon request.

Description	Price Each \$
102774-0010 Wide Orifice Graduated Pipette	15.06

Disposable Micropipette Tips, Economy

Universal yellow and blue tips are designed to fit a wide range of micro pipettes, Eppendorf Type such as Brand, Gilson, Finn pipette and Socorex - Graduated. *Approximately 4% of Blue tips have reference marks for positive quality control.

Capacity uL	Color	Description	Case Qty	Case Price \$	
262205	1-200	Yellow	Universal	1000	33.58
262215	101-1000	Blue	Universal	1000	28.48
262245	5-200	Neutral	Oxford Slim	1000	33.49
262265	5-200	Neutral	MLA	1000	30.07
262275	201-1000	Neutral	MLA	1000	48.89

Levo Pipette Controllers

- Comfortable – simple to use
- Precise pipetting – use with glass or plastic volumetric and graduated pipettes from 0.1 to 100mL
- Blow out feature
- Uses protective/replaceable syringe filter - easy access
- 4 colors available for quick identification.

Color	Length inches	Width inches	Price Each \$
411125 -0001 Blue	8	2	53.68
-0002 Green	8	2	53.68
-0003 Yellow	8	2	53.68
-0004 Pink	8	2	53.68
722912 Inline PTFE Filter		3 micron	5.37

MiniFIX Micropipettes

- Good for ~5,000 pipettings
- Fixed volume from 5uL to 1000uL
- Cost effective, Autoclavable
- Ideal in schools for routine applications where speed and precision is required
- Color-coded button for easy volume identification
- Accommodates all common tips

This line of fixed volume mini-micropipettes consists of ten pipettes covering the range from 5 uL to 1000 uL. These pipettes feature a compact design, with a length of approximately 13cm, and weight of less than 10g. They are single blister packed, with calibration and performance certification. Each MiniFIX is marked with its volume, and the push button is color coded for easy "volume" identification.

240234	Volume uL	Accuracy %	C.V. %	Price Each \$
-0005	5	+/- 1.5	+/- 1.0	23.41
-0010	10	+/- 1.0	+/- 1.0	23.41
-0020	20	+/- 0.5	+/- 0.5	23.41
-0025	25	+/- 0.5	+/- 0.5	23.41
-0050	50	+/- 0.4	+/- 0.3	23.41
-0100	100	+/- 0.3	+/- 0.3	23.41
-0200	200	+/- 0.3	+/- 0.2	23.41
-0250	250	+/- 0.3	+/- 0.2	23.41
-0500	500	+/- 0.3	+/- 0.2	23.41
-1000	1000	+/- 0.3	+/- 0.2	23.41

MiniFIX Rack

Made of transparent acrylic, the MiniFIX Microliter Pipette Rack will hold up to 5 microliter pipettes. Helps to organize your lab and keep the pipettes at your finger tips. Product dimensions: 7"L x 6"W x 7"H O.D. Additional sizes available upon request.

	Description	Price Each \$
140234	MiniFIX Rack	33.16

pi-pump®Fast Release

Many years of trouble-free use have made the pi-pump® one of the world's most popular pipetting aids. Accurate, precise and safe—even for use with toxic or corrosive chemicals. Simply rotate the wheel forward or backward for easy filling or emptying. Color-coded by size for easy identification. When the wheel is stopped, the piston remains in the required position and holds the liquid inside until ejected. pi-pump® provides a firm, positive fit for all standard pipettes.

	For Color	Pipettes up to mL	Pack Quantity	Pack Price \$
311065	Blue	2	12	295.18
311085	Green	10	12	298.11
311105	Red	25	12	356.75

Automatic Pipette Washing Set

Solve the problem of washing pipettes speedily, safely and with little effort. Dirty pipettes soak in the pipette basket in the pipette jar and the basket is transferred to the washer where a constant flow of tap water rinses the pipettes clean.

	Description	Height x Diameter inches	Price Each \$
215905	Washer	25.5 x 6.5	281.61
215915	Jar	25.5 x 6.5	130.60
215925	Basket	26 x 5	86.35
215905-0001	Complete Set	26 x 6.5	482.73

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Pump, Water Jet Vacuum

The ideal instrument for generating vacuum and extracting liquids and vapors. The flow configuration has been optimized resulting in a reduction of water consumption to one third of customary values (190 Liters per hour at 3.5 bar water supply pressure). The maximum pressure of 16 m bar is reached across a wide range of water supply pressures (from 3 to 6 bar). The suction capacity is approximately 400 Liters per hour of air (against atmospheric pressure at a water supply pressure of 3.5 bar at 12°C).

	Description	Price Each \$
312635	Pump, Water Jet Vacuum	41.00



See plastic burettes on page 13

Burette Rack, Wall Mounted, PP

- Safely organizes up to 10 glass or plastic burettes depending on length
- Dimensions: 18.5" W x 3" D x 20.25" H (4 lbs)
- Additional sizes available upon request

	Description	Price Each \$
185514-4490	Burette Rack, Wall Mounted, PP	217.55



Pipette Rack Acrylic

Clear acrylic pipette rack permits easy storage and access to pipettes. The four shelves have an upward angle for secure storage and easy access. Measures 3 3/8"W x 12 1/4"D x 13"H O.D. Additional sizes available upon request.

	Description	Price Each \$
186665	Pipette Rack Acrylic	139.17



Thermometer Rack, HDPE

Suitable for holding up to 25 thermometers in the correct vertical position, thus avoiding mercury separation, which may occur when thermometers are stored improperly. Manufactured from 1/4" high density polyethylene, the rack is sturdy and will not tip. Sides have large comfortable carry handles for easy transport of the thermometers. Hole diameters in top and middle plates 5/16". The bottom plate has convenient 1/8" drain holes. Overall dimensions are 8" W x 10" H x 5 3/4" D. Additional sizes available upon request.

	Description	Price Each \$
103205	Thermometer Rack HDPE	46.00



Rack



Rack with integral free-standing support

Drying Rack Epoxy Coated

- High quality draining racks suitable for use with plastic and glass labware
- Made of chemically resistant epoxy coated steel
- There are 8 pegs 110mm long and 24 pegs 80mm in length
- Overall dimensions of the rack are 410 x 300mm

	Description	Price Each \$
559165-0000	Rack	75.96
559165-0005	Rack with integral free-standing support	112.75

Drying Rack High Impact Polystyrene

- Expandable, fasteners to connect additional racks included
- Interchangeable, removable pegs

This 72 place drying rack is molded of high impact polystyrene. It comes supplied with 72 large pegs, draining tubes, fastening stoppers, and expansion hanging hooks which allow coupling with additional racks. The pegs are 4" long and the drip ledge measures 3".

	Description	Price Each \$
259184	Drying Rack High Impact Polystyrene	268.41
259194	Test Tube Pegs (Bag of 11)	22.44



259184 Wall Mount Rack
add 159184-0001
stand for bench top use

259184 Drying Rack in
159184-0001 Drying
Rack Stand



Drying Rack Stand, Acrylic

Acrylic stand for our most popular drying rack (shown above)! This sturdy stand is fabricated of 3/8" clear acrylic adding style and function to a normally wall mounted rack (259184-0000). The 4.5 lb stand includes all hardware needed to attach to the drying rack. The rack can be tilted up to 20° for added stability and ease of use. Rack can be used vertically or tilted to 20° for added stability and ease of use.

	Description	Price Each \$
159184-0001	Drying Rack Stand Acrylic	81.13



Microcentrifuge Tube Rack PP

- Step design for easy viewing
- Two sizes: 1.5ml or 0.5ml

Racks allow storage of 20 micro test tubes and are available in two models, one for 1.5 ml tubes and one for 0.5 ml tubes. Top step is numbered from 1 to 10, lower step is numbered from 11 to 20. Made of autoclavable polypropylene. Each rack measures 206 x 88 x 47 mm (approximately 8 1/8" x 3 1/2" x 1 7/8"). Hole I.D. for 1.5ml tube rack is 1/4" and for 0.5ml tube rack is 3/8".

	Description	Pack Qty	Pack Price \$
202965-0001	Rack for 1.5ml tubes	6	92.08
202965-0002	Rack for 0.5ml tubes	6	92.08



Wet/Dry Test Tube Racks, PP

- Solid High Density PP; Autoclavable at 121°C
- Will not rust or corrode makes epoxy-coated wire racks obsolete
- Supplied flat for economical storage and shipping
- Can be used dry or wet in water baths

These racks provide excellent stability with no tendency to float or move in circulating water baths. An alpha numeric grid reference on the top tier enables precise location in the rack of particular samples. Shipped flat, easily and permanently snapped together to save shipping expense and reduce shelf space needed in storerooms.

	Color	Holds # Tubes	Size of Tubes mm	Case Qty	Case Price \$
225645-0002	Blue	90	13	5	79.31
225655-0002	Blue	60	16	5	79.31
225665-0002	Blue	40	20	5	79.31

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Scoop ~ Slide Dispenser



Scoops, Flat Bottom, HDPE

Heavy duty scoops with many industrial and laboratory applications. Suitable for liquids and powders.

Length	Bowl Length inches	Bowl Width inches	Liquid Capacity mL	Handle Length inches	Case Qty	Case Price \$
606055	2.5	1.25	15	1.75	12	19.34
607105	3	1.75	25	2	6	12.10
606065	4.25	2.75	65	2.75	6	15.25
606075	5.25	3	110	3	6	19.81
607115	5.75	3.25	150	3.75	6	32.68
607135	7.5	4.75	350	4.25	6	67.26
607175	9.5	6.25	750	4.5	6	126.71
607145	10.75	6.75	1250	5	6	242.27



Kartell

Volumetric Scoops, Flat Bottom, PP

Autoclavable Polypropylene scoops shaped conveniently for sampling solids or liquids. Flat bottom with beveled angles for easy cleaning. Marked in milliliters. Suitable for foodstuff.

Length	Width mm	Height mm	Liquid Capacity mL	Case Quantity	Case Price \$
208065	mm mm				
-0010	32 103	16	10.4		7.73
-0025	43.8	137	21	4	10.72
-0050	55.4	163	26	4	17.48
-0100	67	201	34	4	24.60
-0250	94	261.5	43.7	2	26.09
-0500	112 315	55	500.2		39.29
-1000	141	386.6	69.4	2	46.20



Kartell

Scoops, Economy Round Bottom, HDPE

Designed for heavy industrial and laboratory applications, the round shape design facilitates complete transfer of the sampling material. Suitable for food grade products.

	Liquid Capacity mL	Case Qty	Case Price \$
208075			
-0250	250	5	42.86
-0500	500	5	51.54
-1000	1000	5	71.52
-1500	1500	5	79.15



Additional slide accessories available www.dynalon.com



Kartell

Slide Dispenser, Automatic

Holds approximately 50 standard 3" x 1" (76 x 26mm) slides in transparent, dust-free container. By turning either side knob, the slides are ejected one at a time. Dimensions: 4 1/4" x 5" x 5 1/2" high.

	Description	Price Each \$
245605	Slide Dispenser, Automatic	49.44

Spatula, Polyamide - 2 in 1 design

These polyamide spatulas are glass fiber reinforced and are available in double spatula or a spatula spoon combination style. Polyamide is a very strong material with good chemical resistance against solvents; caution with acids and oxidizing agents.

391925	Description	Length mm	Case Qty	Case Price \$
-0001	Double spatula	150	50	101.01
-0002	Double spatula	180	50	104.67
-0003	Spatula / spoon	180	50	121.74

Spatulas/Stirrer Nylon

Molded of Nylon®. Handy stirrer or spatula has wide thin blade 3 1/2" long, 1 3/4" wide. Overall length is 10". Packed 24 per case.

	Description	Pack Qty	Pack Price \$
412575	Spatulas/Stirrer Nylon	24	96.19

Spatula, Stirring Rod, PP

These white, one-piece polypropylene rods may be used as stirring rods. Policemen have two types of flattened ends which form small spatulas. 245mm (approximately 9 1/4") long.

	Description	Case Qty	Case Price \$
212455	Spatula, Stirring Rod PP	70	146.50

Spot Plates, LDPE and PP

Kartell LDPE spot plates have three depressions 21mm x 7mm deep. Tray is 28mm x 85mm. Made of low density polyethylene and will withstand temperatures to 80° C. PP Spot Plates are comprised of 12 cavities, approximately 1 ml capacity. Is an economically priced, high quality, unbreakable spotting tile. Autoclavable.

	Description	Case Qty	Case Price \$
255225	Spot Plates 3 Place LDPE	40	71.22
555215	Spot Plates 12 Place PP	10	63.38

Octagonal Stirring Bars, PTFE

- Our stir bars feature... ALNICO V magnetic cores which are one of the most powerful permanent magnet alloys available.
- Stir bars should not... be stored in a random mass or dropped on a hard surface, especially steel.
- Stir bars should... be stored in pairs to maintain magnetic strength.
- In general... PTFE thickness accounts for 18% of stir bar diameter.

Length	Length	O.D.	O.D.	Case	Case
303275	mm inches	mm	inches	Qty	Price \$
-0001	22	7/8	8	5/16	12 47.12
-0002	13	1/2	3	1/8	12 42.50
-0003	13	1/2	8	5/16	12 43.59
-0004	15	5/8	8	5/16	12 44.01
-0005	25	1	8	5/16	12 46.79
-0006	28	1 1/8	8	5/16	12 50.55
-0007	38	1 1/2	8	5/16	12 52.85
-0008	41	1 5/8	8	5/16	12 62.23
-0009	51	2	8	5/16	12 65.98
-0010	64	2 1/2	8	5/16	12 111.16
-0011	13	1/2	10	3/8	12 50.55
-0012	15	5/8	10	3/8	12 56.64
-0013	22	7/8	10	3/8	12 59.78
-0014	25	1	10	3/8	12 59.26
-0015	35	1 3/8	10	3/8	12 69.10
-0016	38	1 1/2	10	3/8	12 69.10
-0017	48	1 7/8	10	3/8	12 88.88
-0018	51	2	10	3/8	12 93.75
-0019	64	2 1/2	10	3/8	12 105.15
-0020	38	1 1/2	13	1/2	12 144.57
-0021	75	3	13	1/2	12 192.55

**Kartell**

255225

555215

Kartell



Octagonal Stirring Bar Kit, PTFE

Contains 16 octagonal stirring bars. Designed to meet your requirements for a variety of sizes, each kit contains 16 stirring bars packed in a reusable box.

Kit contains:

- (2) each 5/16x1/2" (8x13mm)
- (2) each 5/16x5/8" (8x16mm)
- (2) each 3/8x1" (9.5x25mm)
- (2) each 3/8x1 1/2" (9.5x38mm)
- (2) each 3/8x2" (9.5x51mm)
- (2) each 3/8x2 1/2" (9.5x64mm)
- (2) each 2x7mm Micro Bars
- (2) each 3x10mm Micro Bars

	Description	Kit Price \$
303595	Octagonal Stirring Bar Kit PTFE	93.37



FREE Sample Pack Available
e-mail Dynaloninfo@dyna-labware.com

Stirring Bars PTFE at Disposable Prices

	Length mm	Length inches	O.D. mm	O.D. inches	Case Qty	Case Price \$
303644	12	1/2	4	3/16	100	206.16
303664	25	1	5.5	3/16	100	278.86
303684	35	1 3/8	6	1/4	100	312.67
303694	50	2	7.5	1/4	100	421.14



Magnetic Stirrer, Non-Electric

Unique stirrer, operated by water pressure between 15 and 40 psi, will work on air pressure as well. Stirs 500ml of water at 800 rpm with air at 8 psi or with water at 12 psi. Connects to pressure line with fitting supplied. No electric supply needed. All-plastic construction is corrosion-proof. No danger of explosion or shock. Can be used on a table or clamped to a stand with 1/2" diameter. Supplied complete with 6 ft. of vinyl tubing for inlet and outlet. Dimensions are 5" x 2 5/8" high.

	Description	Price Each \$
204015	Magnetic Stirrer, Non-Electric	117.48



Autoclave and Dry Heat Sterilization Tapes,

Use these tapes to enhance confidence that sterilization has occurred. #202065 is used with autoclave sterilization (20 min. at +121°C or 10 min. at +125°C or 5 min. at +135°C). #202075 is for use with Dry Heat Sterilization. Color changes from white to brown for both products. These tapes conform with ISO 11140/2005.

	Description	Price Each \$
202065	Autoclave Sterility Tape	24.59
202075	Dry Heat Sterility Tape	53.38



Round Bowl 10L, PP

This autoclavable white bowl is a sturdy product. The rim helps contain contents. Two grips in the lower part of the rim aid carriage.

	Description	Price Each \$
208135	Round Bowl 10L PP	15.09

Deep Tray, HDPE

- Low form and stackable, with handles for transporting and managing spills

Capacity	Length	Width	Height	Price		
208154 Liters	inches	inches	inches	Each \$		
-0010	10	12.2	16.3	3.8	28.85	
-0016	16	13.8	21.3	4.5	50.72	
-0020	20	16.1		18	5.6	54.36

Deep Draining Tray, Low Form

- HDPE
- Draining ports on all sides

Rectangular tank with draining ports on all sides. Stackable with recessed rim to allow ventilation. Useful for holding defrosting samples, plant cultures etc. Product Dimensions (l x w x h): 13.8" x 21.3" x 4.5"

Description	Price Each \$
209154 Deep Draining Tray, Low Form	57.70

Sterilizing Tote Boxes, PP

Molded of natural polypropylene. Suitable for food use. These tote boxes are chemically resistant to acids, alkalis, oils and detergents and will not rust or corrode. Can be nested when stored.

Length	Width	Height	Case	Case		
inches	inches	inches	Qty	Price \$		
410535 12	7.75	5.125	6	92.29		
410535-1	Cover for 410535		6	82.98		
410545	19	10.25	5.125	6	161.02	
410555	20.25	15.25	5	6	221.01	
410565	15.25	13		7.875	6	211.99

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410535 with
410535-1
cover

**NEW Autoclavable Deep Tote, PP**

Tough 12 liter autoclavable polypropylene tray for a variety of uses. Can hold 18 x 500 ml or 12 x 1 liter bottles. Tapered and stackable to save storage space. Product Dimensions (l x w x h): 20 x 13.8 x 4.1"

Description	Price Each \$
210505 Autoclavable Deep Tote, PP	31.50

Kartell

Custom Spill Containment Trays
made in our Rochester, NY facility
FREE Quotes and design assistance!
e-mail custom@dyna-labware.com

**Utility Pan, LDPE**

Molded of low density polyethylene. Extra sturdy with carrying handles on both ends. Product Dimensions: 14 1/2" x 12" x 6 1/4" deep.

Description	Pack Qty	Pack Price \$
409144 Utility Pan LDPE	4	68.13



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Storage and Transport Trays, PVC

Useful for Lab and Desk Items. Very sturdy. Use for carrying items such as stir bars, connectors etc. Useful for knick knacks - rulers, erasers, pencils etc, in desk drawers. Central compartment of five cavity tray can be used for pipettes.

	Cavity	Cavity Dim. mm	Length mm	Width mm	Height mm	Price Each \$
209304-0005	5	100 x 185 (4) 100 x 385 (1)	304	404	64	53.85
-0012	12	90 x 90	303	403	63	58.25

Kaddy Carrier HDPE

Utility carrier useful for carrying lab items, bottles, samples, cleaning aids, tools, etc. Molded-in center division and carrying handle. Product Dimensions: 17 5/8" x 12 5/8" x 9 1/4" high.

	Description	Price Each \$
408164	Kaddy Carrier HDPE	13.96

Kartell Tray, Pipette 4 Place, PVC

Designed to hold ~30 pipettes. 4 compartments accommodate pipettes of 1-2-5-10 ml capacities. Dimensions: 510 x 350 x 105mm.

	Description	Price Each \$
211004	Tray, Pipette 4 Place, PVC	35.96

Section Trays

Both sizes below interlock to help you organize supplies. Use separately or make an endless number of sections or combinations. Can be fitted in drawers, on shelves or benchtops. Each section hooks to the adjoining one so that they are never disarranged. Nestable to stack when not in use. White color.

Length	Width	Height	Case	Case Price \$
inches	inches	inches	Qty	
408095	9 6 2 12			93.79
408105	12	3 2 12		75.12

DCL DyNACycler Thermal Cycler

- Education or personal cycler
- Flexible block format
- Fast ramp times
- 120V/230V
- 4 year warranty

The Afon DCL 20, 25, 30 and 48 are designed with today's lab in mind. Its small footprint and easy programming make it a perfect choice for any lab. The user friendly programming can perform virtually any protocol and the light weight and small footprint provide the lab with a high performing yet compact unit. All this and a 4 year warranty.

Temperature range.....	4°C to 99°C
Block uniformity.....	± 0.5°C
Temperature accuracy	± 0.5°C
End of program cooling below ambient	YES
Maximum heating rate.....	3.5°C/sec
Maximum cooling rate.....	2.8°C/sec
Heated lid temperature	100°C to 115°C
Heated lid enable/disable	YES
Program naming using alpha keys.....	YES
Program password protection	YES
Number of programs (3 step).....	37
Height x Width x Length mm	185 x 185 x 330
Weight	6.8 Kg
AC INPUT.....	120V or 230V with Switch

	Description	Price Each \$
DCL20	DyNACycler DCL, 20 x 0.5ml microtubes	2,576.99
DCL25	DyNACycler DCL, 25 x 0.2ml microtubes	2,576.99
DCL30	DyNACycler DCL, 30 x 0.5ml microtubes	2,835.83
DCL48	DyNACycler DCL, 48 x 0.2ml microtubes	2,835.83



Microcentrifuge Tubes, PP - now available in packs of 500!

- Leak tested to 20,000 RCF for 20 minutes at 20°C with an aqueous solution
- Attached lid provides a tight, leakproof seal, yet can be easily opened
- Lid membrane is uniformly thick to ensure trouble free piercing
- Available in a rainbow of colors for easy identification
- Supplied 1000 per case, 2 bags 500 each, except for Rainbow Pack
- All these premium tubes feature frosted writing area and graduations

Pack	Color	Quantity	Pack Price \$	Case Qty	Case Price \$
399325	Natural	500	18.06	1000	36.12
-0001	Yellow	500	21.67	1000	43.34
-0002	Blue	500	21.18	1000	42.36
-0003	Green	500	21.18	1000	42.36
-0004	Orange	500	20.98	1000	41.95
-0005	Amber	500	21.60	1000	43.20
-0006	Rainbow	600			26.96
299265	0.5mL Economy Natural with Cap			1000	38.86



299265



FREE Sample Pack Available
e-mail Dynaloninfo@dyna-labware.com

Test Tube Stoppers, LDPE

Single-position, tight-fitting, low density polyethylene plug-type stoppers to fit disposable test tubes.

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276145	Size	mm	Color	Case Qty	Case Price \$
-0000	11-13	Natural		1000	46.39
-000B	11-13	Blue		1000	46.39
-000G	11-13	Green		1000	46.39
-000R	11-13	Red		1000	46.39
-000Y	11-13	Yellow		1000	46.39

276155	Size	mm	Color	Case Qty	Case Price \$
-0000	15-17	Natural		1000	52.13
-000B	15-17	Blue		1000	52.13
-000G	15-17	Green		1000	52.13
-000R	15-17	Red		1000	52.13
-000Y	15-17	Yellow		1000	52.13



See plastic tube racks on page 31

**Test Tubes, PP w/ LDPE Screw Caps**

16mm test tubes with quick closure screw caps; leakproof, and suitable for centrifugation 4000xg. Graduated in 2mL increments to 12mL. The design of the cap avoids any contamination due to drops of liquid on the inner surface.

Kartell

Cap	Color	Height x Diam mm	Capacity mL	Pack Qty	Pack Price \$
299334	White	100 x 16	15	100	22.58
-000W	White	100 x 16	15	100	22.58
-000B	Blue	100 x 16	15	100	22.58
-000R	Red	100 x 16	15	100	22.58
-000Y	Yellow	100 x 16	15	100	22.58





Vinyl Laboratory Tubing Physical Properties

Specific Gravity 1.20
 Color Clear
 Tensile Strength 2000 psi
 Toxicity..... Non-toxic
 Elongation%..... 400%
 Aging Characteristics Excellent
 Durometer Hardness, Shore A 68
 Temperature Resistance..... 212°F
 Brittle Temperature °C..... -40°C



LOOK
 FREE Sample Pack Available
 e-mail Dynaloninfo@dyna-labware.com

Vinyl Laboratory Tubing

- Non-toxic
- Smooth & flexible
- Transparent & inert
- Chemical resistant

Technical data provided is based on individual laboratory and test reports and is accurate to the best of our knowledge. No guarantees are expressed or implied. Dynalon® Vinyl Food Grade Tubing is designed for use in the laboratory. Glass-like transparency; smooth, dense bore will not harbor bacteria or provide a surface receptive to sediment build-up. Conforms to all FDA, USDA and 3-A milk handling standards. May be steam sterilized.

I.D.	O.D.	Wall Thick	Feet	Case	Case Price \$
610855	inches inches inches Per				
-02	1/8 1/4 1/16			50	21.42
-03	3/16 5/16 1/16 50				26.98
-04	3/16 3/8	3/32	100		75.66
-05	3/16 7/16 1/8			100	122.64
-06	1/4 3/8 1/16			50	33.32
-07	1/4	7/16 3/32	50		49.50
-08	1/4 1/2 1/8 50				71.11
-09	5/16 7/16 1/16 50				44.98
-10	5/16 1/2	3/32	100		129.65
-11	5/16 9/16 1/8			100	149.29
-12	3/8 1/2 1/16			50	47.71
-13	3/8	9/16 3/32	50		68.38
-14	3/8 5/8 1/8 50				94.48
-15	7/16 9/16 1/16 100				113.42
-16	7/16 5/8	3/32	100		144.01
-18	1/2 5/8 1/16			50	57.58
-19 1/2		11/16	3/32	50	85.53
-20	1/2 3/4 1/8 50				115.21
-25 5/8		13/16	3/32	50	113.42
-26	5/8 7/8 1/8 50				151.23
-31	3/4 1		1/8	50	171.00
-33	7/8 1	1/8	1/8	50	252.00
-35 1		1 1/4	1/8	50	260.11
-37 1		1 3/8	3/16	50	324.00
-38	1 1/4	1 3/4	1/4	50	522.00

Tubing Connector Kit

Kit consists of 55-piece assortment of connectors and clamps needed in daily lab routine or for industrial application. Supplied in handy plastic compartment tray. Kit includes:

- 14 Y Connectors, 2 each size
- 12 Quick Disconnects, 2 each size
- 12 Straight Connectors, 2 each size
- 3 Dura Clamps, 1 each size
- 14 T Connectors, 2 each size

Individual connectors available in small packs!

Description	Price Each \$
680505 Tubing Connector Kit	108.09



Forceps - Tweezers, PMP

These strongly readjusting tweezers are available with sharp or rounded ends with fine tooth grips. Supplied in packages of six.

Length	Color	Ends	mm	Case Qty	Case Price \$
516555	White	Sharp	115	6	25.66
-0001	White	Sharp	145	6	34.69
-0002	Yellow	Round	180	6	62.66
-0003	Yellow	Round	250	6	90.18
-0004	Yellow	Round	250	6	90.18

Tuff Vials

Highly break resistant tough polycarbonate vials with polypropylene leakproof closures. Glass clear allows viewing of valuable contents, liquid or solid. Reusable and autoclavable. 180mL, sold as each, pack of 6 or tray of 12, can also be used as an outer protective container. 5mL and 10mL are also ideal for leakproof shipping of reagents and buffer solutions, for packaging of serum, veterinary, pharmaceuticals, cosmeceutical and nutraceutical extracts. Use with most aromatic compounds and essential oils. Available in packs of 20 or shrink wrap trays of 100.

Size	Closure	Pack	Pack	Case	Case	
626434	mL	mm	Qty	Price \$	Qty	Price \$
-0005	5	20-415	20	16.00	100	80.00
-0010	10	20-415	20	17.60	100	88.00
-0180	180	54	6	30.96	12	63.00



LOOK
Additional vials and accessories
available www.dynalon.com

**Merit Water Still**

- Economical Price
- Glass construction with long life metal heating element
- Two independent safety thermostats
- Wall mountable

The Merit is the ideal choice for budget conscious laboratories that can't afford to compromise on quality. It combines economy and high performance with a host of other features which comparable stills cannot match. Built in acid addition funnel and drain stopcock allow easy descaling without dismantling the glassware.

The unique condenser design ensures that the droplets of distilled water remain in contact with the cooling coil for the longest possible time producing cold distilled water and pre-heating the boiler feed to increase efficiency. Screw threads are incorporated on all water connections so hoses can be fitted and removed easily and safely without risk of breakage. Safety features include two independent safety thermostats to prevent over heating in the event of failure of the water supply. The stand is pre-drilled to facilitate wall mounting.

Output	4 liters/hr, single distilled
pH	5.0 – 6.5
Conductivity, μScm^{-1}	3.0 – 4.0
Resistivity, $\text{m}\Omega\text{-cm}$	0.25 – 0.3
Temperature	25 - 35°C
Pyrogen content *	Pyrogen free
Water supply	1 liter/min
	3 – 100psi (20-700kPa)
Electricity supply (single phase).....	220/240V, 50-60Hz
Power requirement	3kW
Net weight.....	25lbs
Dimensions, (w x d x h), mm	500 x 150 x 450
	19.7" x 5.9" x 17.7"

* Care is required to produce pyrogen free water and the output should be tested before use.

	Description	Price Each \$
540004-0000	Merit Water Still, 220/240V	1,857.17
540014-0001	Replacement 220V Heater element 3kw	974.61
540014-0002	Replacement boiler	697.50
540014-0003	Replacement condenser	1001.57
540014-0005	Gasket Kit For Water Stills	199.86



**Installation Video
Available Online**
<http://youtu.be/DYagI2JqNZU>



**Transparent -
students can see
distillation process.**



The results at left confirm that the distilled water from our Merit Water Still conforms to Grade 3 water as detailed in ISO 1696: 1987.

*pH, conductivity and sensitivity are affected by temperature and the presence of absorbed carbon dioxide. The basis of the tests is 20°C on distilled water free of carbon dioxide.

**Care is needed to obtain Pyrogen-free water, and the distillate must be tested before use.

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\$50
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Containing items such as bottles,
cylinders, funnels & stir bars!



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