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Introduction



DYNALON
LABWARE

Dynalon is a subsidiary of Bibby Laboratory Products Group, part of Barloworld. Bibby is one of the world's leading manufacturers of reusable and disposable plasticware, glassware and equipment for the laboratory. The company manufactures more than 10,000 product lines from facilities in England, Wales and now the United States. Bibby factories in England and Wales are ISO9002 accredited and have built an outstanding reputation for providing its customers with the highest quality products.

 **Bibby Sterilin**

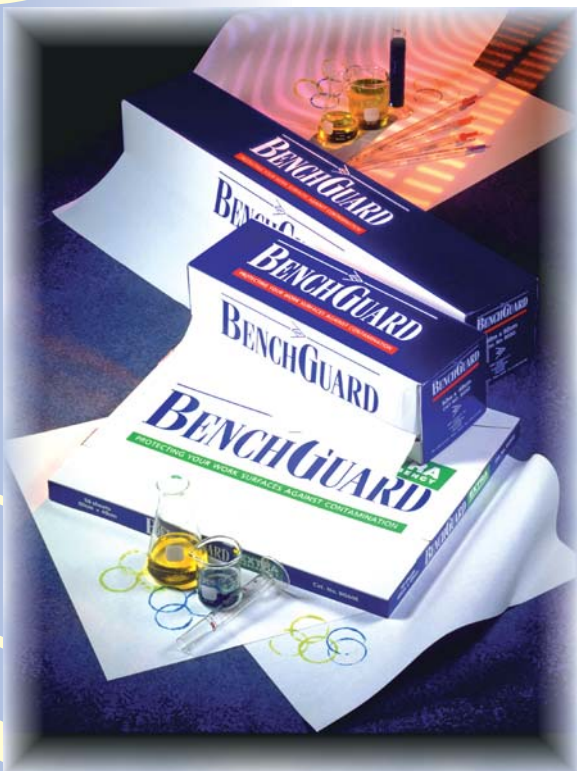
Some of the most famous names in Science - all part of the Bibby Laboratory Products Group. Bibby is one of the world's leading manufacturers of reusable and disposable labware in glass and plastics and sets standards of excellence for others to follow. Product excellence is paramount, but quality also means that the total service we offer our customers must be of the highest standard.

Manufacturing: Processes ranging from hand crafted glassware for special applications, to the very latest automated plastics production. Quality Assurance: Product excellence comes from strict quality standards and meticulous quality control, with Quality Systems employed in accordance with International Standards. Distribution: Centralized warehousing, together with a worldwide network of distributors, ensures fast, efficient service to customers. Customer Support: Customer service, and efficient order processing, together with technical support from qualified scientists and glass technologists, ensure a comprehensive service. Product Development: Bibby Laboratory Products Group is committed to product leadership through continuous product development and investment in manufacturing technology.

Azlon[®]

For more than forty years the Azlon name has been synonymous with high quality and excellent value plastic laboratory ware. Azlon is Bibby Laboratory Group's reusable plastic laboratory ware brand and plastic packaging arm. More recently Azlon has become established as a manufacturer of high quality plastic bottles for packaging. Specializing in the pharmaceutical, biotechnology and chemicals sector, Azlon produce a stock range of over 100 bottles from 30ml to 2000ml including: tamper evident packs, child resistant packs, media and diagnostic packs as well as UN approved pack. In addition, Azlon offer a custom molding and printing service for bottles up to four liters. Azlon now offers more than one thousand top quality products covering almost all the requirements of the busy modern laboratory.

Most Azlon products can be screened with custom information including company logos up to five colors. Minimum quantities apply, contact Dynalon customer service for details.



Introduction

ESCO

ESCO was founded in 1936 as a supplier of silicone rubber products to the healthcare industries. The company gained an outstanding reputation for quality and service of silicone rubber tubing and molding.

Now part of Bibby Sterilin Limited, ESCO continues to be a major supplier of silicone rubber products to hospitals, pharmaceutical companies and to an increasingly diverse range of industrial clients.

Flexible manufacture at the South Wales production facility coupled with years of experience ensures custom work can be undertaken quickly, expertly and within budget. Whether your requirement is for general laboratory items or a radical new device - trust ESCO to meet your requirements.

Sterilin

Since pioneering single use labware over thirty years ago, the Sterilin brand has continued to be synonymous with high quality and safety. Manufacture of products with the latest injection molding computer technology. Sterilin is ISO9002 accredited quality system. Products are of the highest possible standards. Sterilin Limited, founded in 1962, pioneered the introduction of disposable devices into medical laboratories. Since becoming part of Bibby Sterilin Limited, the Sterilin brand remains a significant player in the international markets.

As well as remaining committed to serving research and medical laboratories, this catalog introduces new products specifically designed for laboratories, in the food, dairy and water industries. The Sterilin range consists of more than 200 disposable plastic items. These products are made to the same high specifications scientists have come to expect from the Sterilin range over the years.



Stuart Scientific

Stuart Scientific, founded in 1975, has been committed to the design and manufacture of high quality laboratory equipment. The company's commitment to quality means that all equipment conforms to the latest international safety and quality directives.

With a policy of constant improvement, innovation and commitment to research and development, Stuart Scientific are amongst the leading manufacturers of laboratory equipment in the world.



Properties of Plastic



Introduction

The Dynalon catalog technical section aims to provide clear, concise information about the key polymers from which the Dynalon range is 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 Department will be pleased to answer any question relating to product usage.

Key to Summary Icons

These 'Summary Icons' are intended to give a quick guide to the chemical resistance of the polymers.



Exceptional resistance to almost all laboratory chemicals.



Good to excellent chemical resistance across a broad range of common laboratory chemicals.



Moderate to good resistance to common aqueous laboratory chemicals but avoid organic solvents and strong acids and bases.



Autoclavable.

Note: Where no icon is shown product is manufactured from several materials, refer to text for component's resistance.

Key to Summary Icons

Reference to methods of sterilization are based on the following standards:

Autoclaving 121°C, 15 psi for 30 minutes. When autoclaving always ensure caps are loosened or removed to prevent accidental implosion. Certain chemicals which have no appreciable effect on resins at room temperature may cause deterioration at autoclaving temperatures unless removed with distilled water before hand.

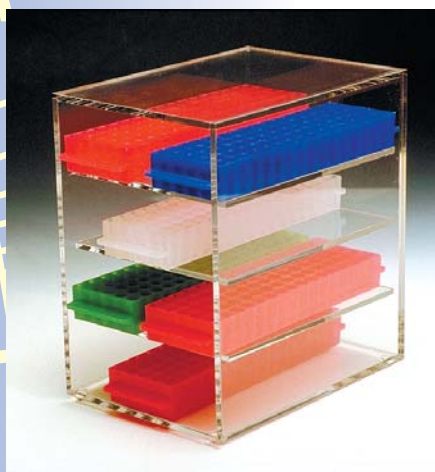
Gas-Ethylene oxide formaldehyde.

Dry heat 160°C, 120 minutes.

Disinfectants - Benzalkonium chloride, formalin, ethanol, etc.

Radiation - gamma irradiation at 2.5 (Mrad) with unstabilized plastic.

Note: Sterilizing reduces the mechanical strength of certain polymers.



Chemical Resistance and Physical Properties

These codes are used in the following charts.



Excellent resistance, no attack.



Good resistance, minor attack.



Limited resistance, moderate attack, suitable for short term use only.



Poor resistance, not recommended.



No information available.

Transparency



Clear



Translucent



Opaque

Flexibility



Excellent



Rigid

Properties of Plastic

	LDPE	HDPE	PP	PS	ACRY-LIC	PTFE	PMP	PVC	PC	PFA
Acids - dilute	✓✓	✓✓	✓✓	✓✓	✓	✓✓	✓✓	✓✓	✓✓	✓✓
Acids - concentrated	✓✓	✓✓	✓✓	✓	✗	✓✓	✓✓	✓✓	✗	✓✓
Alcohols	✓✓	✓✓	✓✓	✓✓	✗	✓✓	✓✓	✓✓	✓	✓✓
Aldehydes	✓	✓	✓	✗	✓	✓✓	✓	✗	✓	✓✓
Bases	✓✓	✓✓	✓✓	✓✓	✓	✓✓	✓✓	✓✓	✗	✓✓
Esters	✓✓	✓	✓	✗	✗	✓✓	✓	✗	✗	✓✓
Hydrocarbons Aliphatic	✓	✓	✓	✗	✓	✓✓	✓	✓✓	✗	✓✓
Hydrocarbons Aromatics	✓	✓	✓	✗	✗	✓✓	✓	✗	✗	✓✓
Hydrocarbons Halogenated	✗	✓	✓	✗	✗	✓✓	✗	✗	✗	✓✓
Ketones	✓	✓	✓	✗	✗	✓✓	✓	✗	✗	✓✓
Oils, Minerals	✓	✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓
Oil, Vegetable	✓	✓	✓	✓	✗	✓✓	✓	✓	✓	✓✓
Oxidizing Agents	✓	✓	✓	✗	✗	✓✓	✓	✓	✗	✓✓
Max Temp. °C	80	120	135	70	90	300	180	70	130	270
Min Temp. °C	-50	-100	0	-40	-60	-200	-180	-25	-135	-260
Autoclavable	NO	NO	YES	NO	NO	YES	YES	NO	YES	YES
Gas Sterilization	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Dry Heat Sterilization	NO	NO	NO	NO	NO	YES	YES	NO	NO	YES
Gamma Irradiation Sterilization	YES	YES	NO	YES	YES	NO	YES	NO	YES	YES
Chemical Disinfectant Sterilization	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES
Transparency	TL	TL	TL	C	C	O	C	C	C	TL
Flexibility	EX	R	R	R	R	R	R	R	R	F
Gas Permeability N ₂	20	3	4.4	3	-	-	65	0.4	3	-
Gas Permeability CO ₂	280	45	92	75	-	-	-	10.2	85	-
Gas Permeability O ₂	60	10	28	15	-	-	270	1.2	20	-
Water Absorption %	<0.01	<0.01	<0.02	0.05	0.3	0.3	<0.01	0.06	0.35	<0.03
Resistivity Ohm CM ²	>10 ¹⁵	>10 ¹⁵	>10 ¹⁶	>10 ¹⁶	>10 ¹⁴	>10 ¹⁸	>10 ¹⁶	<10 ¹⁶	2x10 ¹⁶	10 ¹⁸
Specific Gravity	0.92	0.95	0.90	1.05	1.18	2.2	0.83	1.34	1.20	2.16

Properties of Plastic

Low Density Polyethylene (LDPE)



The first of the polyolefins originally prepared some fifty years ago by the high pressure polymerization of ethylene. Its comparatively low density arises from the presence of a small amount of branching in the chain (on about 2% of the carbon atoms). This gives a more open structure. LDPE is a most useful and widely used plastic. It is translucent to opaque, robust enough to be virtually unbreakable and at the same time quite flexible. Chemically LDPE is unreactive at room temperature although it is slowly attacked by strong oxidizing agents and some solvents will cause softening or swelling. It may be used at temperatures up to 95°C for short periods and at 80°C continuously. LDPE is ideally suited for a wide range of laboratory apparatus including wash bottles, pipette washing equipment and tanks.

High Density Polyethylene (HDPE)



A linear polymer prepared from ethylene by a catalytic process. The absence of branching results in a more closely packed structure with a higher density and somewhat higher chemical resistance than LDPE. It is also somewhat harder and more opaque and it can withstand rather higher temperatures (120°C for short periods, 110°C continuously). It lends itself particularly well to blow molding, e.g. for bottles and containers.

Polypropylene (PP)



A

A polymer prepared catalytically from propylene which differs from HDPE by having an isostatic replacement of a hydrogen atom by a methyl group on alternate carbon atoms in the main chain. Although largely unreactive chemically the presence of the methyl groups makes it slightly more susceptible to attack by strong oxidizing agents than HDPE. A major advantage is its higher temperature resistance. It makes it particularly suitable for items such as trays and instrument jars that have to be sterilized frequently for use in a clinical environment. PP is a translucent material with excellent mechanical properties and it has gradually replaced the polyethylenes for many purposes

Polymethylpentene (PMP or 'TPX'*)



A

A polymer of 4-methylpentene-1 which is similar to PP but has an isobutyl group in place of methyl group on alternate C atoms. The important qualities of PMP ("TPX") as a laboratory plastic are its high transparency, its rigidity and resistance to impact and its ability to withstand temperatures of up to 200°C for short periods (180°C continuously). It is particularly suitable for volumetric apparatus such as flasks, measuring cylinders and beakers. Like other polyolefins PMP ("TPX") is susceptible to attack by strong oxidizing agents over a period of time and some chlorinated solvents (e.g. trichloroethylene) can cause some softening and swelling. *"TPX" is a trademark of Mitsui Petrochemicals Ltd.

Polyvinylchloride (PVC)



PVC has a linear structure similar to polyethylene but with a chlorine atom replacing a hydrogen atom on alternate carbon atoms. PVC itself is hard and rigid but the addition of phthalate esters as plasticizers makes it soft and pliable and ideal for tubing. The material is generally transparent with a bluish tint. It is attacked by many organic solvents but it has a very good resistance to oils and it has a low permeability to gases. In its rigid form PVC is available in sheets which can readily be welded to produce tanks, trays and troughs. It is not recommended for use above 70°C although it can be taken to 80°C for short periods.

Polycarbonate (PC)



A

PC is a linear polycarbonic acid ester prepared from a dihydric phenol. It possesses extraordinarily good dimensional stability with a high impact strength which is maintained over a wide temperature range. This makes it ideal for the manufacture of laboratory safety shields, vacuum desiccators and centrifuge tubes. PC may be autoclaved (maximum continuous working temperature 130°C, and 140°C for short periods), but some loss in mechanical strength occurs on repeated autoclaving and the equipment should not then be used for vacuum applications. The carbonate linkages in the chain make the material subject to reaction with a variety of concentrated acids and bases and it is soluble in various organic solvents.

Polystyrene (PS)



A hard rigid, transparent plastic with good dimensional stability. The material has good chemical resistance to many aqueous solutions but it is soluble in many aromatic and halogenated solvents. It cannot be used at elevated temperatures (maximum 60°C continuous, 70°C for short periods) and it tends to suffer from mechanical stress. It finds a wide use in disposable laboratory products. The chemical resistance to non-polar solvents and aromatics can be improved by co-polymerizing styrene with acrylonitrile ($\text{CH}_2 = \text{CH} \cdot \text{CN}$). The resultant product SAN usually contains 25-35% of acrylonitrile by weight. SAN also has an improved impact strength and rigidity and is much used for injection molded articles such as boxes and food containers. An acrylonitrile - butadiene - styrene (ABS) graft copolymer is obtained by polymerizing acrylonitrile and styrene in the presence of soluble polybutadiene ($[\text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_2]_n$). The physical properties of the product may be varied by changing the individual proportions. The polymer has a higher chemical resistance than PS and it will retain its stability of shape up to 100°C.

Properties of Plastic

Polymethylmethacrylate (ACRYLIC)



A rigid plastic with a high degree of transparency. It is resistant to inorganic acids and alkalis but is attacked by a wide range of organic solvents. Its clarity and stability make it very suitable for the manufacture of burets and in sheet form it may be cemented to produce tanks, trays, etc. ACRYLIC may be used at temperatures up to 70°C continuously and to 90°C for short periods. 10mm thick Acrylic provides an effective barrier to Beta radiation.

Polytetrafluoroethylene (PTFE)



PTFE shows a remarkable chemical resistance and it is insoluble in all known solvents. It is attacked only by molten alkali metals and by fluorine at high temperatures. PTFE is incombustible and may be used up to 260°C (300°C for short periods). Its coefficient of friction is extremely low and it shows the effect of self lubrication with constant mechanical properties which makes it particularly suitable for bearings, joints, O-rings, stirring bars, etc. It may be shaped by compression and sintering into bottles and beakers where its chemical stability and non-wettability make it suitable for use in extreme circumstances.

Perfluoroalkoxy PTFE (PFA)



PFA is a copolymer of tetrafluoroethylene ($\text{CF}_2 = \text{CF}_2$) with a perfluoroalkyl vinyl ether [$\text{F}(\text{CF}_2)_m \text{CF}_2\text{OCF} = \text{CF}_2$]. The resultant polymer contains the carbon-fluorine backbone chain typical of PTFE with perfluoroalkoxy side chains. The mechanical, chemical and physical properties are fundamentally attributable to the main chain and the chief effect of the side chains is to control the crystallinity of the polymer. Unlike PTFE the new polymer does not require special fabricating techniques. It has outstanding chemical and solvent resistance over a temperature range even greater than PTFE (p.e. - 270° to + 260°C). PFA has extremely low absorption and permeability levels even at 200°C which make it very suitable for trace element analysis, isotopic separations, sample digestions and the handling of sensitive biological solutions. The material is translucent but liquid levels can easily be seen. In short PFA approximates closely (and in some cases exceeds) the overall properties of PTFE while offering the flexibility of thermoplastic processing. FEP exhibits similar properties but is also susceptible to attack by concentrated perchloric acid.

Synthetic rubbers and other O-ring and gasket materials

Synthetic rubbers are based mainly on polymers and co-polymers of butadiene and its derivatives.

Neoprene

A polymer of chloroprene (2-chlorobutadiene) i.e. $\text{CH}_2 = \text{CH} - \text{CCl} = \text{CH}_2$. This material has a better oil resistance than natural rubber. The presence of chlorine deactivates the C-C bond and makes it less susceptible to oxidative attack as well as increasing its resistance to solvents. It has a higher temperature and fire resistance than natural rubber.

Nitrile Rubber

A co-polymer of acrylonitrile ($\text{CH}_2 = \text{CHCN}$) and butadiene, ($\text{CH}_2 = \text{CH} - \text{CH} = \text{CH}_2$). It has a good solvent resistance increasing with increasing acrylonitrile. Good for gaskets, oil and petrol hoses.

Viton A

A co-polymer of perfluoropropene ($\text{CF}_3\text{CF} = \text{CF}_2$) and vinylidene fluoride ($\text{CH}_2 = \text{CF}_2$). It is resistant to chemical and solvents up to 200°C and is used for O-rings, gaskets and hose linings.

The information contained within this catalog is offered for use by technically qualified personnel at their discretion and risk. All technical statements, information and recommendations contained herein are based on tests and data we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. We recommend that users satisfy themselves as to the compatibility between contents and containers or substances and apparatus before use. Dimensions given throughout this catalog are nominal unless otherwise stated. Shipping weights are provided when available. Please telephone customer service for any weights that are not printed in this book. Dynalon reserves the right to alter specifications without notice as part of the company's policy of ongoing product improvement.

Catalog Information

DYNALON®

Dynalon is the wholesale division of Dynalab Corp. which became a wholly owned subsidiary of J. Bibby & Sons PLC in 1996. Bibby is a world leading manufacturer of disposable and reusable labware and science equipment. Dynalon is currently expanding its product line to include more of the Bibby family of products. These products will accompany the range of products that have built Dynalon's reputation for quality and value over the past forty years.

All prices and specifications are subject to change without notice. Dynalon will as always use its best efforts

not to discontinue items during the life of its catalog. However, on occasion this will have to occur. Whenever possible, Dynalon will notify its distributors in advance of the discontinuation of any product.

Dynalon Labware is available from a wide variety of authorized distributors located throughout the United States, Canada and Mexico. Please contact us for ordering information. Fax: (585) 334-0241 • Phone: (800) 334 -7585 • Physical Address: 350 Commerce Drive Rochester, NY 14623 • Mailing Address: PO Box 30161 Rochester, NY 14603-3161



NEW PRODUCTS FOR 2002

We've added many new products to the Dynalon range. To help you find these new items a little faster, we've placed a "NEW" symbol next to the product photos. Look for it throughout this catalog to find the latest product additions in reusable and disposable plasticware, PTFE products and science equipment.



HELPFUL HINTS AND RELATED PRODUCTS

The "FYI" *for your information* graphic is to denote both related products to what you are currently viewing as well as any special information we feel you should be aware of.



DYNALON'S DIAMOND LABWARE

The diamond labware graphic is new to Dynalon this year. This logo denotes the product lines that truly demonstrate quality, ingenuity and value... in other words, what we feel are the most popular items we have to offer!



SHIPPING WEIGHTS

We have begun the huge task of compiling shipping weights for all of the products Dynalon carries. Regretably, not all products have been processed at the print time of this catalog, therefore any shipping weights not available can be acquired by telephoning our customer service department at 800-334-7585.

Bags

Bags LDPE/PP

BAGS LDPE .0015" THICK

626785	-0001	-0002	-0003	-0004	-0005	-0006	-0007	-0008	-0009	-0010
Length inches	1 1/2	4	4	6	6	6	6	8	10	10
Height inches	3	6	10	8 1/2	10	12	16	10 1/2	12	16
Shipping Wt lbs	0.1	0.2	0.4	0.4	0.6	0.8	1.0	1.2	1.0	1.4
Case Quantity	100	100	100	100	100	100	100	100	100	100
Case Price	6.45	6.77	6.77	7.65	8.20	9.07	10.05	9.29	11.26	14.64

BAGS LDPE .0015" THICK

626785	-0011	-0012	-0013	-0014	-0015
Length inches	12	14	16	18	22
Height inches	18	16	18	24	28
Shipping Wt lbs	1.8	2.0	2.6	3.8	5.6
Case Quantity	100	100	100	100	100
Case Price	15.19	17.27	19.23	24.37	31.69

BAGS EXTRA HEAVY WEIGHT LDPE .004" THICK

626755	-0001	-0002	-0003	-0004	-0005	-0006	-0007	-0008	-0009
Length inches	4	4	6	6	10	12	16	10	8
Height inches	6	10	10	12	16	18	18	12	12
Shipping Wt lbs	0.6	1.0	1.6	2.0	4.2	6.2	7.6	3.2	2.4
Case Quantity	100	100	100	100	100	100	100	100	100
Case Price	9.26	10.69	14.93	16.61	24.28	28.67	41.63	20.71	15.72

BAGS AUTOCLAVABLE POLYPROPYLENE .0015" THICK

	628505	628515	628525	628535	628545	628555	628565	628575	628585	628595
Length inches	4	4	6	6	10	12	12	16	18	22
Height inches	6	10	10	12	16	18	24	18	23	30
Shipping Wt lbs	0.24	0.4	0.6	0.8	2.6	3.2	3.2	2.4	4.4	6.6
Case Quantity	100	100	100	100	100	100	100	100	100	100
Case Price	12.24	16.17	16.39	20.32	26.77	35.40	39.23	41.63	54.96	80.97

Heavy Duty Sample Bags - Zipper Seal LDPE

These heavyweight (4 mil and 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 for easier labeling and marking.

HEAVY DUTY SAMPLE BAGS - ZIPPER SEAL LDPE - 4 MIL. THICK

	628405	628415	628425	628435	628445	628455
Length inches	4	5	6	9	9	9
Height inches	6	8	13	12	18	26
Shipping Wt lbs	0.8	1.2	2.0	3.2	2.4	3.4
Case Quantity	500	500	500	250	250	200
Case Price	91.46	109.93	89.71	106.43	120.86	167.52

ECONOMY SAMPLE BAGS - ZIPPER SEAL LDPE - 2 MIL. THICK

	628325	628335	628345	628355	628365
Length inches	2	3	4	5	9
Height inches	3	5	6	8	12
Shipping Wt lbs	1.2	2.8	4.0	8.2	19.4
Case Quantity	1000	1000	1000	1000	1000
Case Price	22.07	27.76	34.75	59.67	130.14



Bags... Beakers

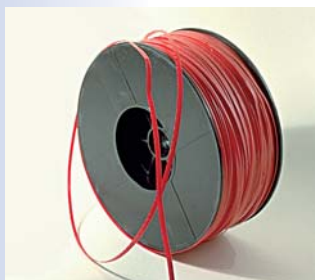


Biohazard Disposal Bags

Autoclavable HM HDPE (high molecular weight, high density polyethylene, 1.25ml thick) bags for safe disposal of hazardous waste materials which must be autoclaved. Bags printed for easy identification with biohazard symbol and disposal procedure. Includes 8" red twist ties.

BIOHAZARD DISPOSAL BAGS

	627824	627864
Length inches	12	24
Height inches	24	36
Shipping Wt lbs	3.2	9.2
Case Quantity	100	100
Case Price	26.67	75.07



Ties Coated LDPE

Ties are extruded of bright red LDPE bonded to an annealed steel wire. Can be cut to any size. Shipping weight is 4.4 lbs.

626814	3000ft Spool of LDPE Ties	77.81 each
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Innovative "Square Ratio" Design Polypropylene & Polymethylpentene Beakers



522085 series

- ✓ 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)

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 121°C; PMP is 180°C.

PRINTED POLYPROPYLENE "SQUARE RATIO" BEAKERS

522085	-0010	-0025	-0050	-0100	-0250	-0400	-0500	-0600	-1000	-2000
Capacity ml	10	25	50	100	250	400	500	600	1000	2000
Sub Div. ml	1	2.5	5	10	25	50	50	50	100	200
I.D. mm	30	40	49	60	80	92	96	101	123	154
O.D. mm	32	42	51	62	82	94	100	106	127	158
Height mm	32	40	51	62	82	95	101	107	126	160
Shipping Wt lbs	.07	0.14	0.22	0.4	0.4	1.0	1.3	0.6	0.8	0.33
Pack Qty.	10	10	10	10	10	10	10	5	5	1
Pack Price	11.69	12.13	13.56	16.39	25.13	25.89	31.58	14.32	20.87	6.45

PRINTED POLYMETHYLPENTENE "SQUARE RATIO" BEAKERS

522095	-0025	-0050	-0100	-0250	-0400	-0500	-0600	-1000	-2000
Capacity ml	25	50	100	250	400	500	600	1000	2000
Sub Div. ml	2.5	5	10	25	50	50	50	100	200
I.D. mm	40	49	60	80	92	96	101	123	154
O.D. mm	42	51	62	82	94	100	106	127	158
Height mm	40	51	62	82	95	101	107	126	160
Shipping Wt lbs	0.12	0.22	0.4	0.4	1.0	1.3	0.6	0.2	0.3
Pack Qty.	10	10	10	5	5	5	5	1	1
Pack Price	27.21	28.19	32.24	25.25	28.41	32.46	35.30	9.39	13.11



POLYPROPYLENE BEAKER SETS

	522125	522135-0001	522135-0002	522135-0003
Capacity	10 sizes above	50, 100, 250, 500 & 1000ml	50, 100, 250, 600 & 1000ml	250, 500 & 1000ml
Shipping Wt lbs	0.94	0.4	0.39	0.33
Set Price	26.99	13.56	13.56	10.38

Beakers



Tapered Low-Form Polypropylene & Polymethylpentene Beakers

Introducing the latest addition to the Azlon family of high quality durable plastic labware - smoothly tapered 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.

MOLDED POLYPROPYLENE LOW FORM BEAKERS

522055	-0025	-0050	-0100	-0250	-0400	-0500	-0600	-1000	-2000	-3000	-5000
Capacity ml	25	50	100	250	400	500	600	1000	2000	3000	5000
Sub Div. ml	5	10	20	50	50	50	50	100	200	200	500
Height mm	51	61	73	96	111	121	126	148	188	214	250
Base O.D. mm	32	39	48.5	65.5	74.5	84	84	99	125	143	164
Rim Diam. mm	41.5	50.5	61.5	80.5	92.5	102.5	104	120	163	172	230
Shipping Wt lbs		0.1	0.4	0.8	1.2	1.6	0.4	1	0.4	0.5	0.8
Pack Qty.	10	10	10	10	10	10	5	5	1	1	1
Pack Price	9.71	9.71	12.14	19.93	28.05	30.99	18.02	26.92	10.82	11.69	16.50

PRINTED POLYPROPYLENE LOW FORM BEAKERS

522655	-0025	-0050	-0100	-0250	-0400	-0500	-0600	-1000	-2000	-3000	-5000
Capacity ml	25	50	100	250	400	500	600	1000	2000	3000	5000
Sub Div. ml	5	10	20	50	50	50	50	100	200	200	500
Height mm	51	61	73	96	111	121	126	148	188	214	250
Base O.D. mm	32	39	48.5	65.5	74.5	84	84	99	125	143	164
Rim Diam. mm	41.5	50.5	61.5	80.5	92.5	102.5	104	120	163	172	230
Shipping Wt lbs	0.05	0.1	0.4	0.8	1.2	1.6	0.4	1	0.4	0.5	0.8
Pack Qty.	10	10	10	10	10	10	5	5	1	1	1
Pack Price	13.69	13.69	17.10	28.05	39.48	43.63	25.37	37.90	15.74	16.93	23.82

MOLDED POLYMETHYLPENTENE LOW FORM BEAKERS

522065	-0025	-0050	-0100	-0250	-0400	-0500	-0600	-1000	-2000	-3000	-5000
Capacity ml	25	50	100	250	400	500	600	1000	2000	3000	5000
Sub Div. ml	5	10	20	50	50	50	50	100	200	200	500
Height mm	51	61	73	96	111	121	126	148	188	214	250
Base O.D. mm	32	39	48.5	65.5	74.5	84	84	99	125	143	164
Rim Diam. mm	41.5	50.5	61.5	80.5	92.5	102.5	104	120	163	172	230
Shipping Wt lbs	0.05	0.1	0.4	0.8	1.2	1.6	0.4	1	0.4	0.5	0.8
Pack Qty.	10	10	10	5	5	5	5	1	1	1	1
Pack Price	15.09	15.09	18.86	15.47	21.78	24.07	28.00	8.42	17.38	18.68	26.34

PRINTED POLYMETHYLPENTENE LOW FORM BEAKERS

522765	-0025	-0050	-0100	-0250	-0400	-0500	-0600	-1000	-2000	-3000	-5000
Capacity ml	25	50	100	250	400	500	600	1000	2000	3000	5000
Sub Div. ml	5	10	20	50	50	50	50	100	200	200	500
Height mm	51	61	73	96	111	121	126	148	188	214	250
Base O.D. mm	32	39	48.5	65.5	74.5	84	84	99	125	143	164
Rim Diam. mm	41.5	50.5	61.5	80.5	92.5	102.5	104	120	163	172	230
Shipping Wt lbs	0.05	0.1	0.4	0.8	1.2	1.6	0.4	1	0.4	0.5	0.8
Pack Qty.	10	10	10	5	5	5	5	1	1	1	1
Pack Price	23.58	25.82	27.35	22.44	31.59	34.90	40.58	12.13	25.13	27.10	38.14



522055 series



522765 series

- ✓ 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)
- ✓ Beakers are not calibrated

Beakers

Griffin Style Beakers

For general laboratory use. Polypropylene beakers will withstand temperatures up to 121°C and polymethylpentene beakers can withstand temperatures up to 180°C. Graduations molded in milliliters.

MOLDED POLYPROPYLENE GRIFFIN STYLE BEAKERS

222075	-0050	-0100	-0250	-0500	-1000	-2000	-5000
Capacity ml	50	100	250	500	1000	2000	5000
Sub Div. ml	1	10	10	10	20	50	500
Diameter mm	42	52	70	90	110	135	190
Height mm	60	70	95	120	150	185	230
Shipping Wt lbs	.8	2.8	1.4	6.0	3.0	1.8	5.2
Pack Qty.	40	48	40	36	12	4	4
Pack Price	51.36	68.85	69.39	123.26	53.44	42.62	85.67

MOLDED POLYMETHYLPENTENE GRIFFIN STYLE BEAKERS

222045	-0050	-0100	-0250	-0500	-1000	-2000
Capacity ml	50	100	250	500	1000	2000
Sub Div. mm	1	10	10	10	20	50
Diameter mm	42	52	70	90	110	135
Height mm	60	70	95	120	150	185
Shipping Wt lbs	.8	2.8	1.4	5.4	3.0	1.8
Pack Qty.	40	48	40	36	12	4
Pack Price	93.43	114.30	159.65	224.78	96.27	59.01

BEAKER SETS

	222195	222205
Material	Polypropylene	Polymethylpentene
Capacity	50, 100, 250, 500, 1000ml	50, 100, 250, 500, 1000ml
Shipping Wt lbs	TBA	TBA
Set Price	13.02	25.46

Beakers PTFE

Isostatically molded from virgin PTFE and machine finished to give a smooth surface for ease of cleaning and to eliminate contamination. Supplied with pouring spout. Virtually immune to chemical attack, only attacked by some fluorine containing compounds at high temperature and molten alkalis metals. Working temperature range is from cryogenic to 260°C.

PTFE BEAKERS (1ML - 250ML)

	312284	312294	312024	312034	312044	312054	312064
Capacity ml	1	5	10	25	50	100	250
Height mm	18	26	33	47	58	70	95
Diameter mm	10	17	21	28	38	48	60
Shipping Wt lbs	0.004	0.011	0.022	0.066	0.088	0.154	0.264
Price Each	6.99	8.75	9.72	11.47	12.68	16.07	32.89

PTFE BEAKERS (400ML - 5000ML)

	312084	312074	312094	312174	312184	312244
Capacity ml	400	500	600	1000	2000	5000
Height mm	106	125	127	155	200	280
Diameter mm	73	73	80	92	114	170
Shipping Wt lbs	0.22	0.6	0.9	1.1	2.1	4.4
Price Each	49.06	42.51	62.18	108.29	167.41	607.23

PTFE WATCH GLASS COVERS

	315294	315304	315314	315324	315334	315384	315344	315354	315374
Fits Beaker ml	1	5-10	25	50	100	250	400-500	600	2000
Shipping Wt lbs	0.004	0.008	0.015	0.023	0.038	0.06	0.1	0.18	0.26
Price Each	3.94	4.26	5.36	5.69	7.54	8.20	10.27	14.20	26.67



222045

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



- ✓ Optional watch glass available
- ✓ Not graduated

Beakers... Beakers with Handle

Beakers HDPE

Molded of high density polyethylene. They are slightly tapered to allow nesting and have reinforced rims to facilitate holding and to prevent distortion under pressure. Properly formed spout assists in pouring and prevents dripping. * 600ml has two pouring spouts and is graduated.

HIGH DENSITY POLYETHYLENE BEAKERS

312004	-0050	-0100	-0250	-0400	-0600*	-1000
Capacity ml	50	100	250	400	600	1000
Diameter mm	47	57	76	92	101	126
Height mm	52	63	92	98	104	124
Shipping Wt lbs	2.4	4.0	9.36	5.8	TBA	6.4
Pack Qty.	48	48	36	36	24	12
Pack Price	216.58	252.64	214.50	241.49	188.82	120.75



✓ Extra heavy wall

✓ Low Form



Low Form Beaker with Handle PP

MOLDED POLYPROPYLENE BEAKERS WITH HANDLE

326495	-0250	-0500	-1000	-2000	-3000	-5000
Capacity ml	250	500	1000	2000	3000	5000
Sub Div. ml	50	25	50	50	100	250
Top Diameter mm	76	80	125	155	165	185
Height mm	76	120	140	180	188	230
Shipping Wt lbs	2.8	3.0	5.0	TBA	5.8	6.0
Pack Qty.	24	24	24	12	12	12
Pack Price	98.88	119.44	122.17	68.73	87.53	316.46



✓ Molded graduations - in liters

✓ Low form for added stability

✓ Autoclavable to 121°C



Beaker with Handle - Intermediate Form PP

PRINTED POLYPROPYLENE INTERMEDIATE FORM BEAKERS WITH HANDLE

526475	-0050	-0100	-0250	-0500	-1000	-2000	-3000	-5000
Capacity ml	50	100	250	500	1000	2000	3000	5000
Sub Div. ml	10	20	50	50	100	100	200	200
Top Diameter mm	50	61	80	102	122	151	172	199
Height mm	60	72	95	120	150	187	215	253
Shipping Wt lbs	0.15	0.22	0.09	0.18	0.27	0.4	0.55	0.8
Pack Qty.	5	5	1	1	1	1	1	1
Pack Price	18.74	19.43	5.69	6.23	7.32	9.07	10.49	30.38



✓ Easy to read blue printed graduations - in liters

✓ Autoclavable - maximum temperature 121°C

✓ Non-slide anti-suction bases

✓ Extensive range - from 50ml to 5 liters

✓ Ergonomic, comfortable to use handles

DYNALON'S DIAMOND LABWARE



This logo denotes the product lines that we feel truly demonstrate quality, ingenuity and value... the most popular items we have to offer!

Beta Protection



- ✓ Locking
- ✓ Leveling feet
- ✓ Four adjustable shelves
- ✓ Beta warning stickers

Beta Storage Cabinet

Locking beta storage cabinet is available with four adjustable shelves allowing for secure storage of your beta samples. Cabinet features space saver design to fit nicely on most bench tops. Shelves are sized to accommodate racks, bottles, boxes, etc... Unit has four adjustable leveling feet and safety lock. Supplied with radiation hazard stickers. Dimensions: 12" L x 30" W x 24" H. Additional sizes available upon request.

172034

Beta Storage Cabinet

402.81 each

BETA RADIATION PROTECTION CLAIMS

All Dynalon Beta protection products are manufactured using Acrylic sheet certified by an independent organization to be 100% effective in shielding against beta radiation. For more information please call, fax or write:

Dynalon Labware Technical Service
P.O. Box 30161 Rochester, NY 14603-30161
phone: 800-334-7585 fax: 585-334-0241



- ✓ Locking
- ✓ Non-skid feet
- ✓ Two handles for safe transport
- ✓ Beta warning stickers

Beta Storage Chest

Sturdy and rugged beta radiation chest stores a treasure of beta samples. Features front lock and is supplied with non-skid feet and radiation hazard stickers. Dimensions: 10" L x 24" W x 6" H. Shipping weight is 19.4 lbs. Additional sizes available upon request.

172154-0001

Beta Storage Chest

223.98 each



Beta Bottle Holder

Square Beta containers made from 9mm transparent acrylic protects personnel from beta emitting isotopes. Holder provides shielding without restricting view. The latching lid provides added security. Bottle Holders fit 32 oz. or 64 oz. bottles (see 301605 series page 21). Shipping weight for 176165 is 4.0 lbs and TBA for 176175. Additional sizes available upon request.

176165
176175

Holds 32 oz. / 1 Liter Bottle
Holds 64 oz. / 2 Liter Bottle

77.15 each
91.46 each

All Beta products protect against ^3H , ^{14}C and ^{35}S and are supplied with Beta warning sticker you apply.

Beta Protection



Beta Storage Box with Hinged Lid

Beta shielding box is for storage of a wide variety of laboratory products. Available in many sizes to suit almost every need. 100% shielding from ^{32}P emitters. Hinged lid for easy handling. All supplied with non-skid feet and radiation hazard labels. All dimensions are internal (ID). Additional sizes available upon request.

BETA STORAGE BOX WITH HINGED LID

	172105	172654	172664	172684
Description	Slim Model	Desktop Model	Bin Model	Mini Model
Length inches	4	6	8	2 1/2
Width inches	8	6	8	6 1/2
Height inches	15 1/2	6	10	3 3/8
Shipping Wt lbs	9.6	4.8	9.2	2.4
Price Each	160.20	76.39	96.59	58.46



172105 172654 172684 172664

RACKS FOR 172684 BETA STORAGE BOX

	172694	172704	172714
Description	Holds 0.5ml tubes	Holds 1.5ml tubes	Holds 2.0ml tubes
Height inches	2	2	2
Length inches	6 1/4	6 1/4	6 1/4
Width inches	3 1/4	3 1/4	3 1/4
Shipping Wt lbs	0.19	0.18	0.14
Price Each	21.41	21.41	21.41



172684



Let Dynalon surprise you with our abilities to meet your custom needs... see pages 124 and 125

CUSTOM PLASTIC FABRICATION



Mobile Floor Bin

Extra large capacity storage bins hold carboys, linens, bench liners, etc. Units come with four heavy duty casters for complete portability. Full shielding from Beta emitters keeps personnel safe during transports. Supplied complete with radiating warning labels. *172125-0002 supplied with one liner bag (626785-0015) page 9. Additional sizes available upon request.

MOBILE FLOOR BIN

	172125-0002*	172134	172624
Description	Box with removable lid	Box with hinged lid	Box with hinged lid
Depth inches	12	20	12
Width inches	12	20	12
Height inches	24	28	24
Shipping Wt lbs	27.0	TBA	28.2
Price Each	393.28	503.09	355.79



172134

All Beta products protect against ^3H , ^{14}C and ^{35}S and are supplied with Beta warning sticker you apply.

Beta Protection



Floor Bin

Extra large capacity storage bins hold carboys, linens, bench liners, etc. Unit comes supplied with acrylic carpet skids so it slides easily under work bench. Removable lid allows for use with liner bags. Supplied with one liner bag (626785-0015 page 9) and radiation warning labels. Dimensions: 12"D x 12"W x 24"H. Shipping weight is 24.8 lbs. Additional sizes available upon request.

172125-0001

Floor Bin

329.67 each



See liner bags for above bin on page 9
See 1 gallon jugs for below box on page 50
See funnel for below box on page 67

Liquid Waste Storage Box with Cover

Waste box designed to accommodate a 1 gallon jug. (See 608715 Jug page 50) The opening in the lid will accept a wide mouth funnel (see 241725 Funnel page 67) for easy disposal of liquid radioactive material. Excess residue can be rinsed from the funnel into jug to further reduce exposure. Supplied with non-skid feet. Internal dimensions: 6 1/2" L x 6 1/2" W x 12" H. Shipping weight is 7.6 lbs. Additional sizes available upon request.

172085

Liquid Waste Box with Cover

126.10 each



172085



172095

Liquid Waste Storage Box, Enclosed Model

Similar to Cat. No. 172085 above, but taller to hold bottle and funnel inside the unit. Hinged cover. Supplied with non-skid feet. Unit measures 6 1/2" L x 6 1/2" W x 18 1/2" H ID. Shipping weight is 11.8 lbs. Additional sizes available upon request.

172095

Liquid Waste Box, Enclosed Model

190.79 each

Beta Storage Box with Lid

Allows for safe storage of various racks, reagent bottles, and other vessels containing Beta-emitting isotopes. Safely guards against exposure to ³H, ¹⁴C, ³⁵S and ³²P. Cover has handle. Supplied with non-skid feet and radiation hazard labels. Additional sizes available upon request.

BETA STORAGE BOX WITH LID

	172005	172145
Description	Box with removable lid	Box with removable lid
Length inches	9	6
Width inches	6	6
Height inches	7	6
Shipping Wt lbs	6.2	4.8
Price Each	93.76	71.79



172005



172145

All Beta products protect against ³H, ¹⁴C and ³⁵S and are supplied with Beta warning sticker you apply.

Beta Protection

Beta Blocks

Heavy solid acrylic blocks hold four, twelve or twenty-four 1.5ml microcentrifuge tubes. Designed for both bench-top work as well as long term storage of beta-emitting radioactive isotope samples. Supplied with cover, non-skid feet and radiation hazard warning labels. Additional sizes available upon request.

BETA BLOCK WITH BASE AND COVER

	172334	172344	172644
Description	4 place	12 place	24 place
Fits Tubes ml	1.5	1.5	1.5
Length inches	4 3/4	7 1/2	7 1/2
Width inches	2 1/4	2 3/4	5 1/2
Height inches	2 3/4	3 1/2	3
Shipping Wt lbs	1.4	2.8	4.0
Price Each	63.71	75.18	95.50



172244



172644



See pipette tips for box below on page 80
See microcentrifuge tubes for box below on page 108

Tip and Tube Beta Storage Box

This storage box has a special opening in lid for disposal of contaminated pipette tips and/or tubes. Box is supplied with non-skid feet and radiation hazard warning labels. Dimensions: 6"H x 6"L x 6"W. Shipping weight is 5.2 lbs. Additional sizes available upon request.

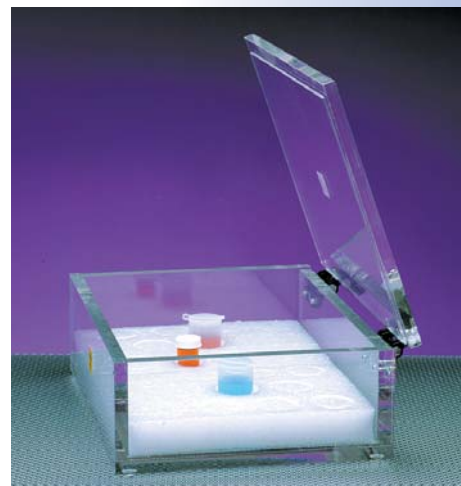
172674 Tip and Tube Beta Storage Box 58.46 each



Beta Storage Box with Foam Rack

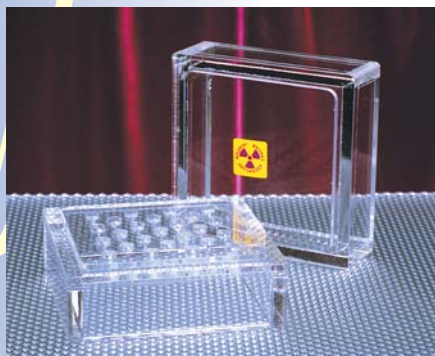
This box features a disposable foam insert to accommodate various small bottles. Box is supplied with non-skid feet and radiation hazard warning labels. Dimensions: 3 1/8"H x 11"L x 7 7/8"W. Shipping weight is 8.4 lbs. Additional sizes available upon request

172634 Beta Storage Box with Foam Rack 99.98 each



All Beta products protect against ^3H , ^{14}C and ^{35}S and are supplied with Beta warning sticker you apply.

Beta Protection



Tube Holders

Stackable tube racks shield against Beta emitters. Base and cover design allow for convenient storage. Open bottom allows for use in water bath when desired. Supplied complete with Beta radiation warning labels. Additional sizes available upon request.

TUBE HOLDERS

172215	-0001	-0002
Description	25 place	96 place
Holds tubes ml	1.5	0.5
Length inches	4 3/4	4 3/4
Width inches	4 3/4	4 3/4
Height inches	2 1/2	2 1/2
Shipping Wt lbs	1.8	1.8
Price Each	61.31	61.31



172185 series

Sample Storage Box

Allows for safe and easy storage and transport of samples. Removable shelves and racks are available in many sizes to accommodate different microcentrifuge tubes. Units are designed to allow icing of samples if desired. Supplied with non-skid feet and radiation hazards labels. Additional sizes available upon request.

SAMPLE BOX - 36 PLACE

172185	-0000	-0001	-0002	-0003	-0004	-0005	-0006	-0007
Description	Box & Shelf	Box & Shelf	Box & Shelf	Shelf	Shelf	Shelf	Shelf	Shelf
Fits Tubes ml	1.5	0.5	2.5	1.5	0.5	2.5	0.75	1.0
Length inches	8	8	8	8	8	8	8	8
Width inches	4	4	4	4	4	4	4	4
Height inches	2 1/4	2 1/4	2 1/4	N/A	N/A	N/A	N/A	N/A
Shipping Wt lbs.	3.0	3.0	3.0	.25	.25	.25	.25	.25
Price Each	91.79	91.79	91.79	22.29	22.29	22.29	22.29	22.29



172165 series

SAMPLE BOX - 48 PLACE

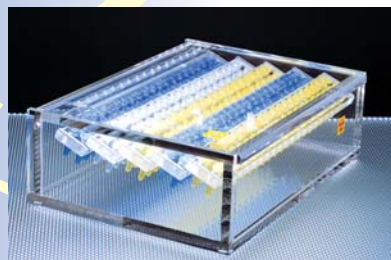
172165	-0000	-0001	-0002	-0003	-0004	-0005
Description	Box & Shelf	Shelf	Shelf	Shelf	Shelf	Shelf
Fits Tubes ml	1.5	0.5	0.75	1.0	1.5	2.5
Length inches	10	10	10	10	10	10
Width inches	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
Height inches	3	N/A	N/A	N/A	N/A	N/A
Shipping Wt. lbs	4.4	.35	.35	.35	.35	.35
Price Each	109.93	22.29	22.29	22.29	22.29	22.29



172324-0000

Enclosed Enzyme Freezer Box

Designed for storage of vials or microcentrifuge tubes in cold temperatures, the back of the box slides open to allow for insertion of Gel Ice packs. Specifically designed for safe storage. Dimensions for 100 place rack with 3/8" (1 cm) holes: ID 10 5/8" L x 8 5/8" W x 3 1/2" H. Dimensions for 200 place rack with 7/16" (1.1 cm) holes: ID 16" L x 11" W x 5" H. Shipping weight for 172324-0000 is TBA and 172324-0001 is 14.8 lbs. Additional sizes available upon request.



172324-0001

172324-0000	Enclosed Freezer Box - 100 Place	196.04 each
172324-0001	Enclosed Freezer Box - 200 Place	212.05 each

All Beta products protect against ^3H , ^{14}C and ^{35}S and are supplied with Beta warning sticker you apply.

Beta Protection... Beta Protection Shields

Locking Beta Drawer

Handy versatile unit fits nicely on most bench tops as well as many refrigerator shelves. The drawer locks for added security allowing for safe storage of beta samples. Drawer is removable for easy cleaning. Stackable units measure: 17 1/2" L x 16" W x 5" H. Drawer I.D. measures: 15" x 15" x 3 1/2". Shipping weight is 24.4 lbs. Additional sizes available upon request.

172154-0002

Locking Beta Drawer

313.07 each



- ✓ Locking
- ✓ Non-skid feet
- ✓ Beta warning stickers

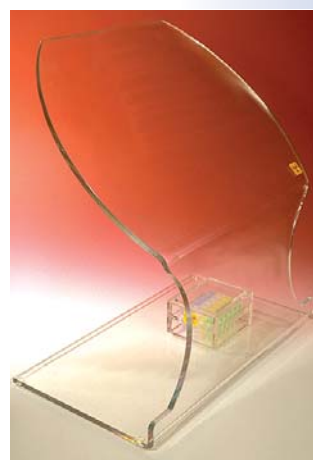


Bench Top Splash and Beta Shields

Lower bend and wider top gives greater visibility of work surface and assures greater protection from splashes to face and neck area. The Splash Shield has been designed to be used comfortably either from a standing or sitting position. The gentle bend from the base allows the technician to observe the working surface from a comfortable sitting position. The lower area of the Shield is just 12" wide, thus making it easy to reach behind the Shield to pipette, open vials or perform any number of functions, while protecting the operator from being accidentally splashed. Fabricated from 3/8" clear acrylic for excellent stability. Non-skid feet. Available in other sizes by special order. Measurements: base—20" W x 12" D; face area—20" W x 15" H; overall—20" W x 12" D x 20" H.*Not suitable for radiation protection. Additional sizes available upon request.

ACRYLIC SHIELDS

Description	172274	172284*
Thickness inches	3/8	1/4
Width inches	20	20
Height inches	20	20
Depth inches	12	12
Shipping Weight lb	13.6	9.6
Price Each	84.90	66.55



- ✓ No eye-level distortion
- ✓ Non-skid feet
- ✓ Extra wide top
- ✓ Beta warning stickers



IMPORTANT - PLEASE NOTE:

Should the acrylic surfaces of acrylic products need cleaning,
DO NOT USE ANY SOLVENTS OR ABRASIVES (alcohol, acetone, etc...)

**USE OF THESE MATERIALS WILL CAUSE CRACKING OR
CRAZING OF THE ACRYLIC.**

For general cleaning wash the surface with a mild detergent
and soft cloth, then rinse thoroughly with clean water.

Hinged Beta Shield

Versatile 3/8" full gauge acrylic Beta shield provides enclosed three sided stand alone protection as well as convenient fold-away storage. May also be used as U-shaped shield. Combine with our Cat. No. 172304 on page 20 to create a full four sided enclosure. Dimensions: 16 1/2"H with 14" front and 12" sides. Additional sizes available upon request.

172384

Hinged Beta Shield

187.40 each



**All Beta products protect against ^3H , ^{14}C and ^{35}S and
are supplied with Beta warning sticker you apply.**

Beta Protection Shields

Bench Top Beta Shields

- ✓ High quality shields in 3/8 inch Acrylic protect against beta radiation
- ✓ Angles allow comfortable ergonomic working position when examining or handling samples
- ✓ Excellent demonstration shield
- ✓ Biohazard shield for blood-born pathogens

Bench top shields are designed with the safety of the user in mind. The top is angled and wide to protect the face and body. Like our popular Splash Shield, the user can easily place his/her arms around the shields to perform any number of procedures while still protecting the operator. Additional sizes available upon request.

ACRYLIC SHIELDS

	172254	-0000	-0001	172604	172614	172294	172304	172314
Description	Single	Single	Single	Single	Dual	Dual	Dual	Dual
Width inches	12	12	12	12	9	12	16	16
Height inches	12	16	18	18	15	20	25	25
Depth inches	4	4	6	6	8	10	12	12
Shipping Weight lbs	TBA	6.2	6.2	7.8	4.8	TBA	12.4	12.4
Price Each	98.34	109.93	88.18	96.59	87.09	111.67	145.77	145.77

Beta Shield with Storage Compartment

This shield is manufactured from true 3/8" thick clear acrylic for protection from beta emitting radioactive isotopes. Shield with attached beta storage compartment box comes with a 36 place removable rack for 1.5ml microcentrifuge tubes. The lid for the storage compartment can be used as a work area when placed on its non-skid feet directly behind the shield. Optional shelves available for use with .5 ml and 2.5ml tubes. Additional sizes available upon request.

ACRYLIC SHIELD WITH STORAGE COMPARTMENT

	172195
Description	Beta shield complete with one sample box for 1.5ml tubes
Width inches	12
Height inches	20
Depth inches	10
Shipping Weight lbs	7.6
Price Each	120.31

REMOVABLE SHELF-RACK FOR ABOVE

	172185	-0003	-0004	-0005	-0006	-0007
Fits Tubes ml	1.5	0.5	2.5	0.75	1.0	1.0
Length inches	8	8	8	8	8	8
Width inches	4	4	4	4	4	4
Height inches	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
Shipping Weight lbs	0.25	0.25	0.25	0.25	0.25	0.25
Price Each	22.29	22.29	22.29	22.29	22.29	22.29

U-Form Radiation Shields

These U-Form Radiation Safety Shields are made of 3/8" full gauge acrylic. Shields protect against P³², C¹⁴, and S³⁵. Additional sizes available upon request.

ACRYLIC SHIELDS

	172355	172365
Description	Large U-Form Shield	Small U-Form Shield
Width inches	20	14
Height inches	24	18
Depth inches	9	7
Shipping Weight lbs	TBA	11.8
Price Each	141.18	118.02

All Beta products protect against ³H, ¹⁴C and ³⁵S and are supplied with Beta warning sticker you apply.

Bottles, Laboratory



Polyethylene Wide Mouth Bottles

LDPE WIDE MOUTH BOTTLES

301665	-0002	-0004	-0008	-0016	-0032	-0064
Capacity ml	60	125	250	500	1000	2000
Height mm	82	99	145	165	209	245
Bottle O.D. mm	40	50	60	75	90	120
Neck I.D. mm	26	33	35	35	35	35
Cap Size mm	33	38	45	45	45	45
Pack Quantity	12	12	12	12	6	1
Shipping Weight lbs	2.1	3.5	7.4	9.6	4.3	1.6
Case Quantity	72	72	72	48	24	6
Case Price	67.31	78.46	119.44	106.00	95.83	43.82

LDPE WIDE MOUTH BULK BOTTLES

301675	-0001	-0002	-0004	-0008	-0016	-0032	-0064
Capacity ml	30	60	125	250	500	1000	2000
Shipping Weight lbs	TBA	17.3	18.0	21.4	14.4	13.2	8.0
Bulk Quantity	1200	720	300	180	100	55	28
Bulk Price	506.76	373.06	189.26	190.90	148.39	130.69	123.04

HDPE WIDE MOUTH BOTTLES

301605	-0001	-0002	-0004	-0008	-0016	-0032	-0064
Capacity ml	30	60	125	250	500	1000	2000
Height mm	70	82	99	145	165	209	245
Bottle O.D. mm	32	40	50	60	75	90	120
Neck I.D. mm	22	26	33	35	45	54	54
Cap Size mm	28	33	38	45	55	65	65
Pack Quantity	12	12	12	12	12	6	1
Shipping Weight lbs	1.6	2.2	2.4	7.2	7.1	6.4	2.0
Case Quantity	72	72	72	72	48	24	6
Case Price	68.19	70.15	79.88	122.17	110.58	101.85	51.36

HDPE WIDE MOUTH BULK BOTTLES

301615	-0001	-0002	-0004	-0008	-0016	-0032	-0064
Capacity ml	30	60	125	250	500	1000	2000
Shipping Weight lbs	28.0	22.3	25.0	17.5	17.0	12.1	8.2
Bulk Quantity	1200	720	350	180	100	55	28
Bulk Price	510.09	335.47	212.54	158.45	126.10	113.64	131.23

HDPE WIDE MOUTH AMBER BOTTLES

301645	-0002	-0005	-0008	-0016	-0032	-0064
Capacity ml	60	150	250	500	1000	2000
Height mm	82	105	145	165	209	245
Bottle O.D. mm	40	50	60	75	90	120
Neck I.D. mm	26	26	35	45	54	54
Cap Size mm	33	33	45	55	65	65
Pack Quantity	12	12	12	12	6	1
Shipping Weight lbs	2.4	2.7	7.4	7.1	5.3	2.0
Case Quantity	72	72	72	48	24	6
Case Price	101.40	105.55	158.99	139.76	122.17	59.01

HDPE WIDE MOUTH AMBER BULK BOTTLES

301655	-0002	-0005	-0008	-0016	-0032	-0064
Capacity ml	60	150	250	500	1000	2000
Shipping Weight lbs	24.0	15.0	21.0	17.0	9.9	11.8
Bulk Quantity	720	350	180	100	55	28
Bulk Price	582.86	295.48	233.18	176.25	176.25	176.91



LDPE Bottles

- ✓ Leakproof
- ✓ Translucent
- ✓ FDA approved resin
- ✓ Flexible
- ✓ Polypropylene closure

HDPE Bottles

- ✓ Leakproof
- ✓ Translucent
- ✓ FDA approved resin
- ✓ Rigid
- ✓ Polypropylene closure

HDPE Amber Bottles

- ✓ Leakproof
- ✓ For light sensitive materials
- ✓ FDA approved resin
- ✓ Rigid
- ✓ Black polypropylene closure



Please Note: Remove or make sure closure threads are completely disengaged before autoclaving or sterilizing by gas or by heat.

Bulk Azlon bottles can be fluorinated upon request.
Note: Not stock items, lead times and minimums apply.

Bottles, Laboratory



PP Bottles

- ✓ Leakproof
- ✓ Translucent
- ✓ Autoclavable
- ✓ FDA approved resin
- ✓ Rigid
- ✓ Polypropylene closure

PP Amber Bottles

- ✓ Leakproof
- ✓ Autoclavable
- ✓ For light sensitive materials
- ✓ FDA Approved Resin
- ✓ Rigid
- ✓ Black polypropylene closure

Polypropylene Wide Mouth Bottles

PP WIDE MOUTH BOTTLES

301625	-0001	-0002	-0004	-0008	-0016	-0032	-0064
Capacity ml	30	60	125	250	500	1000	2000
Height mm	70	82	99	145	165	209	245
Bottle O.D. mm	32	40	50	60	75	90	120
Neck I.D. mm	22	26	33	35	45	54	54
Cap Size mm	28	33	38	45	55	65	65
Pack Quantity	12	12	12	12	12	6	1
Shipping Weight lbs	1.6	2.3	3.4	4.6	8.2	2.0	2.8
Case Quantity	72	72	72	72	48	24	6
Case Price	67.31	68.73	88.84	139.65	132.32	107.85	54.60

PP WIDE MOUTH BULK BOTTLES

301635	-0001	-0002	-0004	-0008	-0016	-0032	-0064
Capacity ml	30	60	125	250	500	1000	2000
Shipping Weight lbs	26.4	22.0	16.5	16.0	17.0	11.9	13.2
Bulk Quantity	1200	700	350	180	100	55	28
Bulk Price	680.01	442.00	274.17	219.85	171.56	153.42	157.68

PP WIDE MOUTH AMBER BOTTLES

301825	-0060	-0150	-0250	-0500	-1000	-2000
Capacity ml	60	125	250	500	1000	2000
Height mm	82	99	145	165	209	245
Bottle O.D. mm	40	50	60	75	90	120
Neck I.D. mm	26	33	35	45	54	54
Cap Size mm	33	38	45	55	65	65
Pack Quantity	12	12	12	12	6	1
Shipping Weight lbs	2.1	2.6	8.0	5.3	5.8	2.2
Case Quantity	72	72	72	48	24	6
Case Price	99.33	103.48	166.53	148.06	124.02	62.50



See bottle carriers on pages 39-40



Polypropylene Narrow Mouth Bottles

PP NARROW MOUTH BOTTLES

301725	-0001	-0002	-0004	-0008	-0016	-0032	-0064
Capacity ml	30	60	125	250	500	1000	2000
Height mm	66	79	103	143	165	202	235
Bottle O.D. mm	32	40	50	60	75	90	120
Neck I.D. mm	16	16	22	21	21	21	32
Cap Size mm	22	22	28	28	28	28	38
Pack Quantity	12	12	12	12	12	6	1
Shipping Weight lbs	1.1	2.2	3.2	5.3	5.9	2.4	1.8
Case Quantity	72	72	72	72	48	24	6
Case Price	59.77	61.08	76.39	108.61	114.73	89.83	54.20

PP NARROW MOUTH BULK BOTTLES

301735	-0001	-0002	-0004	-0008	-0016	-0032	-0064
Capacity ml	30	60	125	250	500	1000	2000
Shipping Weight lbs	21.6	15.8	17.8	16.0	9.9	11.2	8.0
Bulk Quantity	1200	720	350	180	100	55	28
Bulk Price	696.29	428.79	294.93	205.55	167.29	148.83	151.57

Bulk Azlon bottles can be fluorinated upon request.
Note: Not stock items, lead times and minimums apply.

Bottles, Laboratory



Polyethylene Narrow Mouth Bottles

LDPE NARROW MOUTH BOTTLES

301685	-0001	-0002	-0004	-0008	-0016	-0032	-0064
Capacity ml	30	60	125	250	500	1000	2000
Height mm	66	79	103	143	165	202	235
Bottle O.D. mm	32	40	50	60	75	90	120
Neck I.D. mm	16	16	22	21	21	21	32
Cap Size mm	22	22	28	28	28	28	38
Pack Quantity	12	12	12	12	12	6	1
Shipping Weight lbs	1.3	1.8	3.0	5.9	6.7	5.2	2.2
Case Quantity	72	72	72	72	48	24	6
Case Price	46.55	48.63	62.50	90.26	82.83	69.39	48.63

LDPE NARROW MOUTH BULK BOTTLES

301695	-0001	-0002	-0004	-0008	-0016	-0032	-0064
Capacity ml	30	60	125	250	500	1000	2000
Shipping Weight lbs	21.3	19.5	15.5	16.4	14.0	11.8	10.4
Bulk Quantity	1200	720	350	180	100	55	28
Bulk Price	655.75	457.08	247.287	161.83	120.09	112.33	158.78

HDPE NARROW MOUTH BOTTLES

301705	-0001	-0002	-0004	-0008	-0016	-0032	-0064
Capacity ml	30	60	125	250	500	1000	2000
Height mm	66	79	103	143	165	202	235
Bottle O.D. mm	32	40	50	60	75	90	120
Neck I.D. mm	16	16	22	21	21	21	32
Cap Size mm	22	22	28	28	28	28	45
Pack Quantity	12	12	12	12	12	6	1
Shipping Weight lbs	4.2	1.9	2.8	5.3	4.8	1.8	1.8
Case Quantity	72	72	72	72	48	24	6
Case Price	46.55	47.97	61.85	88.84	83.81	74.09	48.63

HDPE NARROW MOUTH BULK BOTTLES

301715	-0001	-0002	-0004	-0008	-0016	-0032	-0064
Capacity ml	30	60	125	250	500	1000	2000
Shipping Weight lbs	23.2	20.2	15.4	15.0	13.0	6.7	10.8
Bulk Quantity	1200	720	350	180	100	55	28
Bulk Price	570.19	364.31	201.50	148.61	122.06	100.53	158.78

HDPE NARROW MOUTH AMBER BOTTLES

301745	-0005	-0008	-0016	-0032	-0064
Capacity ml	150	250	500	1000	2000
Height mm	116	143	165	202	235
Bottle O.D. mm	50	60	75	90	120
Neck I.D. mm	22	21	21	21	32
Cap Size mm	28	28	28	28	45
Pack Quantity	12	12	12	6	1
Shipping Weight lbs	2.9	6.3	4.7	3	1.8
Case Quantity	72	72	48	24	6
Case Price	99.98	122.17	118.89	100.64	47.93



LDPE Bottles

- ✓ Leakproof
- ✓ Translucent
- ✓ FDA approved resin
- ✓ Flexible
- ✓ Polypropylene closure

HDPE Bottles

- ✓ Leakproof
- ✓ Translucent
- ✓ FDA approved resin
- ✓ Rigid
- ✓ Polypropylene closure

HDPE Amber Bottles

- ✓ Leakproof
- ✓ For light sensitive materials
- ✓ FDA approved resin
- ✓ Rigid
- ✓ Black polypropylene closure



Please Note: Remove or make sure closure threads are completely disengaged before autoclaving or sterilizing by gas or by heat.

Bulk Azlon bottles can be fluorinated upon request.
Note: Not stock items, lead times and minimums apply.

Bottles, Laboratory



NEW

Polypropylene Graduated Bottles

- ✓ New range of 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
- ✓ 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

GRADUATED BOTTLES, PP

501505	-0060	-0125	-0250	-0500	-1000
Capacity ml	60	125	250	500	1000
Neck I.D. mm	26	33	35	45	54
Cap size nom. mm	33	38	45	55	65
Height nom. mm	82	99	145	165	209
Bottle O.D. mm	40	50	60	75	90
Shipping Weight lbs	0.35	1.2	2	2.8	2.2
Pack Quantity	12	12	12	12	6
Pack Price	24.84	26.08	37.08	43.38	24.91



Buttress Closure Bottles LDPE

Polyethylene bottles, narrow mouth with a polyethylene buttress closures. Maximum temperature of LDPE is 80°C.

LDPE BOTTLES

605015	-16	-32
Capacity ml	500	1000
Height mm	185	225
Bottle O.D. mm	180	220
Neck I.D. mm	25	25
Cap Size mm	38	38
Pack Quantity	12	12
Shipping Weight lbs	5.2	TBA
Case Quantity	48	24
Case Price	119.87	87.53



Wide Mouth Graduated Bottles

Economical, low density polyethylene bottles are flexible, translucent and have wide mouths for ease in filling. Translucent, rigid polypropylene bottles are autoclavable, leakproof and can withstand temperatures up to 121°C. Maximum temperature for LDPE is 80°C. Specially designed polypropylene closure provides leakproof seal and has hole for tagging.

LDPE GRADUATED BOTTLES

202415	-0050	-0100	-0250	-0500	-1000	-2000
Capacity ml	50	105	250	500	1000	2000
Height mm	88	103	140	168	206	249
Bottle O.D. mm	38	48	60	75	95	120
Cap Size mm	32	32	45	45	63	63
Pack Quantity	10	10	10	5	5	1
Shipping Weight lbs	TBA	5.6	8.8	6.8	7.0	3.0
Case Quantity	100	100	100	50	25	5
Case Price	150.36	193.20	268.81	193.74	167.74	48.63

PP GRADUATED BOTTLES

202445	-0050	-0100	-0250	-0500	-1000	-2000
Capacity ml	50	105	250	500	1000	2000
Height mm	88	103	140	168	206	249
Bottle O.D. mm	38	48	60	75	95	120
Cap Size mm	32	32	45	45	63	63
Pack Quantity	10	10	10	5	5	1
Shipping Weight lbs	4.8	6.4	8.8	6.4	10.8	3.2
Case Quantity	100	100	100	50	25	5
Case Price	177.03	212.86	300.06	205.87	173.52	56.71



Narrow Mouth Bottle LDPE

This bottle is supplied with polypropylene screw closures. Unbreakable, convenient design. For storage, packaging and other uses. Maximum temperature for LDPE is 80°C.

LDPE BOTTLES

605005	-05	-01	-02	-04	-06	-08	-16
Capacity ml	15	30	60	125	180	250	500
Height mm	68	78	88	124	129	141	158
Diameter mm	24	30	36	47	55	60	79
Cap Size mm	15	18	18	24	24	24	28
Pack Quantity	12	12	12	12	12	12	12
Shipping Weight lbs	TBA	TBA	TBA	3.1	4.5	6.0	6.1
Case Quantity	72	72	72	72	72	72	48
Case Price	53.44	61.85	70.81	86.11	93.76	91.68	81.51



Large Bottles LDPE

Large narrow mouth bottle made of low density polyethylene. Excellent chemical resistance. Heavy wall thickness for durability, yet a fraction of the weight of glass. Maximum temperature of LDPE is 80°C.

LDPE BOTTLES

608573	-0010	-0020
Capacity Liters	4	8
Cap Size mm	38	53
Shipping Weight lbs	6.6	TBA
Case Quantity	6	6
Case Price	136.70	235.92



Bottles



- ✓ Lightweight rectangular bottles with plug seal and blue screw cap
- ✓ Molded in graduations for approximate volume measurement
- ✓ Ideal for powders and granules
- ✓ Economical on shelf space
- ✓ Supplied capped in shrink-wrapped packs
- ✓ Maximum temperature 110°C

Graduated Rectangular Bottles HDPE

HDPE RECTANGULAR WIDE NECK GRADUATED BOTTLES

501305	-0500	-1000	-2000
Capacity ml	500	1000	2000
Height mm	120	180	235
Width mm	75	75	92
Length mm	75	94	108
Neck ID mm	58	58	58
Shipping Weight lbs	1.2	0.8	1.1
Pack Quantity	10	5	5
Pack Price	33.98	19.56	26.99



See bottle carriers on page 39-40

Graduated Rectangular Bottles HDPE

Convenient square design saves space. The integrity of the seal is insured by the additional internal plug. Hole in closure for attachment of tag. Maximum temperature for HDPE is 110°C.

HDPE RECTANGULAR GRADUATED BOTTLES

226295	-0025	-0050	-0100	-0250	-0500	-1000	-2000
Capacity ml	25	50	100	250	500	1000	2000
Length mm	50	71	87	111	135	176	211
Width mm	30	36	49	59	76	99	135
Neck Size mm	20	24	36	36	50	60	60
Pack Quantity	10	10	10	10	6	6	6
Shipping Weight lbs	2.2	4.6	5.7	8.9	5.2	6.7	5.4
Case Quantity	100	100	100	100	36	24	12
Case Price	104.13	115.72	163.14	187.40	91.68	99.55	92.11



Economy Bottles HDPE

These general purpose bottles are leakproof, and very economical. Closure is made of LDPE. Maximum temperature for HDPE 110°C and 80°C for LDPE.

ECONOMY BOTTLES HDPE

606215	-0008	-0016	-0032
Capacity ml	250	500	1000
Closure mm	53	53	63
Pack Quantity	12	12	6
Shipping Weight lbs	TBA	TBA	TBA
Case Quantity	72	48	24
Case Price	109.71	87.96	62.07





Bottles, Water Sampling PET

- ✓ Unique octagonal shape allows for rapid cooling of media
- ✓ Gamma irradiation assures sterility
- ✓ Leak and drop tested
- ✓ Tamper evident HDPE closures
- ✓ Graduated in milliliters

WATER SAMPLING CONTAINER PET

	501784	501794
Capacity ml	500	500
Description	Dosed with NaS ₂ O ₄	Undosed
Height w/ cap mm	175	175
Bottle Diameter mm	84	84
Cap Diameter mm	40	40
Shipping Weight	13.6	13.6
Case Quantity	70	70
Case Price	329.68	299.63



Bottles PVC

Clear as glass, these PVC bottles have good chemical resistance and are lightweight. Screw closures are pulp and vinyl lined bakelite. Temperature range is from -20°C to 80°C.

PVC BOTTLES

	301925	301935	301945	301954	301964	301974	301984
Capacity ml	50	100	200	300	500	1000	2000
Height mm	60	73	87	95	110	145	190
Width mm	38	46	59	80	94	110	143
Neck I.D. mm	25	33	43	42	57	70	70
Pack Quantity	12	12	12	12	12	12	12
Shipping Weight lbs	1.7	3.6	3.2	4.0	4.8	7.6	5.6
Case Quantity	72	72	72	48	48	36	24
Case Price	124.90	152.66	225.54	174.95	205.87	214.50	208.16



- ✓ Leakproof screw closure
- ✓ Clear as glass
- ✓ Wide mouth

Bottles PET

Transparent PET bottles with tight fitting snap-on caps which offer the advantages of excellent clarity and good chemical resistance. Temperature range is from -20°C to 80°C.

PET BOTTLES

	301855	301875	301895
Capacity ml	30	50	100
Height mm	48	60	75
Bottle O.D. mm	36	42	50
Neck I.D. mm	25	36	34
Pack Quantity	10	10	10
Shipping Weight lbs	0.52	0.84	2.0
Case Quantity	50	50	50
Case Price	95.95	109.60	130.04



- ✓ Lightweight
- ✓ Wide mouth

Bottles



Bottles PTFE

Heavy wall, wide mouth air tight PTFE bottles with screw closure have machine finish for ease in cleaning. Virtually immune to chemical attack, only attacked by some fluorine containing compounds at high temperature and molten alkalis metals. Working temperature range is from cryogenic to 260°C. Non-sticking.

PTFE BOTTLES (1ML to 50ML)

	314804	314814	314824	314834	314844
Capacity ml	1	5	10	25	50
Height mm	27	35	50	61	76
Diameter mm	16	22	26	33	43
Wall Thickness mm	2	2	2	2-3	2.5-3
Shipping Weight lbs	0.02	0.03	0.07	0.1	0.2
Price Each	20.11	23.17	26.34	32.46	41.63

PTFE BOTTLES (100ML to 2000ML)

	314854	314864	314874	314884	314894
Capacity ml	100	250	500	1000	2000
Height mm	88	115	150	185	240
Diameter mm	52	67	80	100	120
Wall Thickness mm	2.5-3	3-4	3-4	3-4	3-4
Shipping Weight lbs	0.3	0.5	0.9	1.2	1.6
Price Each	56.50	76.93	138.77	181.83	278.98



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

Round Concertina Bottle HDPE

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.

HDPE CONCERTINA BOTTLES

	501835
Capacity ml	1000
Height mm	201
Diameter mm	100
Neck I.D. mm	32
Shipping Weight lbs	1.69
Case Quantity	5
Case Price	21.20



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



Let Dynalox surprise you with our
abilities to meet your custom needs...
see pages 124 and 125

CUSTOM PLASTIC FABRICATION

Bottles, Dispensing

Dispensing Bottles with Nozzle LDPE

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. Maximum temperature for LDPE is 80°C.

LDPE NATURAL DISPENSING BOTTLES

524165	-0030	-0060	-0150	-0250	-0500
Capacity ml	30	60	1510	250	500
Height mm	84	97	120	150	170
Bottle O.D. mm	31	39	59	59	74
Shipping Weight lbs	0.28	0.38	.58	0.73	1.12
Case Quantity	10	10	10	10	10
Case Price	12.78	13.56	14.20	16.61	20.32

LDPE AMBER DISPENSING BOTTLES

524175	-0001	-0002	-0003	-0004	-0005
Capacity ml	30	60	150	250	500
Height mm	84	97	120	150	170
Bottle O.D. mm	31	39	59	59	74
Shipping Weight lbs	0.28	0.38	.58	0.73	1.12
Case Quantity	10	10	10	10	10
Case Price	14.10	14.86	15.41	16.83	20.87



- ✓ Leakproof screw closure
- ✓ Flexible

Round Dispensing Bottles LDPE

A low density bottle with polyethylene dropper closure with captive cap. Supplied capped in shrink-wrapped packs of ten. Maximum temperature for LDPE is 80°C.

LDPE ROUND DISPENSING BOTTLES

524185	-0030	-0060	-0125	-0250	-0500
Capacity ml	30	60	150	250	500
Diameter mm	31	39	50	59	74
Height mm	115	128	144	176	196
Shipping Weight lbs	0.27	0.33	0.5	0.67	1.1
Case Quantity	10	10	10	10	10
Case Price	7.65	8.20	8.75	10.38	13.87



- ✓ Attached cap

Dispensing Bottle LDPE

Tall-style one liter cylindrical bottle supplied with spout and sealer caps. Sealer snaps on easily for tight seal. Spout openings are standard .030" and can be enlarged by cutting tip. Maximum temperature for LDPE is 80°C. Shipping weight is 1.6 lbs.

605124

Dispensing Bottle

27.76 pack of 12



Bottles, Dispensing



Quick Mist™ Dispenser Bottle HDPE

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.

QUICK MIST™ DISPENSER BOTTLE

	605144	605154
Capacity ml	500	1000
Height inches	7 7/8	9 25/64
Diameter inches	2 27/64	3 7/16
Shipping Weight lbs	3.8	4.8
Pack Quantity	24	24
Pack Price	101.40	124.90



Plunger Dispensing Bottle HDPE

Standard plunger dispenses 1 fluid ounce per stroke. Dispenser can be taken apart for cleaning. Excellent for use with food products, cleaners, waxes and hand soaps. Can be used with inorganic salt solutions, alkalis, low K.B. solvents, and mineral, vegetable or animal oils. Supplied with 1 gallon HDPE jug.

PLUNGER DISPENSING BOTTLE

	605074
Capacity gallons	1
Height mm	300
Diameter mm	155
Shipping Weight lbs	4.7
Pack Quantity	12
Pack Price	83.27



Dispenser Bottle w/ Adjustable Volume LDPE/PMP

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.

LDPE/PMP DISPENSING BOTTLES

	206305	206315	206325	206335	206345	206355
Bottle Size ml	250	500	1000	250	500	1000
Bottle Diameter mm	60	75	94	60	75	94
Cup Size ml	5-25	5-25	5-25	5-50	5-50	5-50
Height mm	282	324	354	298	340	370
Shipping Weight	0.84	0.52	1.94	0.94	1.36	2.27
Case Quantity	10	10	10	10	10	10
Case Price	95.50	104.13	133.10	120.31	127.30	159.65

- ✓ LDPE bottle
- ✓ PMP dispenser

DYNALON'S DIAMOND LABWARE



This logo denotes the product lines that we feel truly demonstrate quality, ingenuity and value... the most popular items we have to offer!

Bottles, Dispensing



Dispensing Bottles LDPE

These low density polyethylene bottles are supplied with a variety of closures to suit any dispensing application.

LDPE SEALER CAP BOTTLES

605085	-0005	-0010	-0020	-0040	-0060	-0080	-0160
Capacity ml	15	30	60	125	180	250	500
Height w/ cap mm	36	98	108	144	162	174	195
Bottle Diameter mm	24	30	36	47	55	60	79
Cap Size mm	15	18	18	24	24	24	28
Pack Quantity	12	12	12	12	12	12	12
Shipping Weight lbs	0.7	1.1	1.2	1.7	2.4	2.9	3.1
Case Quantity	48	48	48	36	36	36	24
Case Price	32.89	34.75	40.33	40.33	51.36	60.10	51.36



605085 series

LDPE DROPPING BOTTLES

605065	-0005	-0010	-0020	-0040	-0060	-0080	-0160
Capacity ml	15	30	60	125	180	250	500
Height w/ cap mm	77	81	91	115	132	144	167
Bottle Diameter mm	24	30	36	47	55	60	79
Cap Size mm	15	18	18	24	24	24	28
Pack Quantity	12	12	12	12	12	12	12
Shipping Weight lbs	1.2	1.25	1.4	1.9	2.7	3.3	3.4
Case Quantity	48	48	24	36	36	24	24
Case Price	58.79	74.96	67.31	72.55	83.27	67.64	90.26



605065 series

LDPE RIBBON SPREAD BOTTLES

604085	-04	-06	-08	-16
Capacity ml	125	180	250	500
Height w/ cap mm	147	164	176	195
Bottle Diameter mm	47	55	60	79
Cap Size mm	24	24	24	28
Pack Quantity	12	12	12	12
Shipping Weight lbs	1.8	2.4	3.1	3.2
Case Quantity	36	36	36	24
Case Price	44.15	48.96	55.95	50.92



604085 series

LDPE BELLOWS DROPPING BOTTLES

224155	-02	-04	-08
Capacity ml	60	125	250
Height w/ cap mm	86	108	136
Bottle Diameter mm	38	48	35
Cap Size mm	18	24	24
Pack Quantity	12	12	12
Shipping Weight lbs	1.5	2.2	3.5
Case Quantity	48	48	36
Case Price	104.13	167.52	140.97



224155 series

Bottles, Dispensing... Bottles, Dropping

Bottles, Dispensing LDPE

Low-cost wash bottles, narrow mouth supplied with dispensing unit. The fine bore dispenser tubing through the closure can be cut back to increase flow. Dispense controlled stream, quick squirt or drop by drop. Maximum temperature of LDPE is 80°C.

LDPE WASH OR DISPENSING BOTTLES - NEEDLE SPRAY

106105	-01	-02	-04	-06	-08	-16	-32
Capacity ml	15	30	60	125	180	250	500
Height w/o cap mm	74	84	108	125	137	154	220
Bottle Diameter mm	30	36	47	55	60	79	94
Cap Size mm	15	18	18	24	24	24	28
Pack Quantity	12	12	12	12	12	12	6
Shipping Weight lbs	TBA	TBA	1.8	TBA	3.2	3.0	TBA
Case Quantity	48	48	48	36	36	24	12
Case Price	102.06	100.43	120.71	102.71	100.64	80.09	54.64

LDPE WASH OR DISPENSING BOTTLES - LARGE TUBING

106155	-04	-08	-16	-32
Capacity ml	125	250	500	1000
Height w/o cap mm	108	137	154	220
Bottle Diameter mm	47	60	79	94
Cap Size mm	24	24	28	28
Pack Quantity	12	12	12	6
Shipping Weight lbs	2.1	3.5	3.1	TBA
Case Quantity	48	36	24	12
Case Price	97.14	79.55	67.86	44.69



106105 series



106155 series

Bottles, Dropping PTFE

Heavy wall, wide mouth PTFE screw closure with machine finish for ease in cleaning. Virtually immune to chemical attack, only attacked by some fluorine containing compounds at high temperature and molten alkalis metals. Working temperature range is from cryogenic to 260°C. Non-sticking.

PTFE DROPPING BOTTLES

305034	-0025	-0050
Capacity ml	25	50
Height mm	80	100
Diameter mm	33	43
Shipping Weight lbs	0.08	0.14
Price Each	48.63	54.42



Round Eye Dropper LDPE

A 15 ml dropper bottle with a fine bore neck insert and specially shaped polyethylene cap. Available in natural or amber polyethylene. Supplied capped in shrink-wrapped packs. Maximum temperature for LDPE is 80°C.

LDPE DROPPER BOTTLES

524195	-0001	-0002
Capacity ml	15	15
Description	Natural	Amber
Diameter mm	24	24
Height mm	74	74
Shipping Weight lbs	0.13	0.13
Case Quantity	10	10
Case Price	11.59	11.59



Azlon



UN Tested and Certified Combination Packs

- ✓ Both narrow and wide neck bottles are able to carry either solids, powders or liquids which are compatible with HDPE and have a specific gravity of up to 2.0. This range is UN certified to Packing Group 1 standard.
- ✓ You will find full instructions for the assembly and use of this pack in each purchased product. Failure to follow the instructions will render the certificate of packaging invalid.
- ✓ It is the responsibility of the consignor of dangerous goods to determine whether this packaging and its proposed contents comply with the relevant paragraphs of the "recommendations on the Transport of Dangerous Goods" and with the relevant modal regulations.
- ✓ It is also the responsibility of the consignor to ensure that the dangerous goods that they are offering for transport are chemically compatible with this package and that each package and its contents are free from damage and in good condition.
- ✓ Modification, addition, deletion or substitution of any of the pack components will render the certificate of packaging invalid.
- ✓ This range of combination packaging comprises single-use packs. DO NOT RE-USE!
- ✓ Labelling of the pack is to be in accordance with the relevant paragraphs of the "Recommendations on the Transport of Dangerous Goods" and with the relevant modal regulations.
- ✓ THE UN MARK MUST NOT BE OBSCURED!
- ✓ Large quantities of flat packed combination packs are available.

NEW



Single Packs Contain:

- 1 corrugated outer carton
- 1 set of corrugated dividers (slotted together)
- 1 Azlon HDPE bottle with HDPE closure (narrow or wide neck)
- 1 plastic bag with tie
- 2 corrugated insert pads (1 top and 1 bottom)*

*only in UN1/1000N and UN1/1000W

Four Packs Contain:

- 1 corrugated outer carton
- 1 set of corrugated dividers (slotted together)
- 4 Azlon HDPE bottles with HDPE closures (narrow or wide neck)
- 4 plastic bags with tie
- 2 corrugated insert pads (1 top and 1 bottom)**

**only in UN4/500N, UN4/500W, UN4/1000N, UN4/1000W

SINGLE BOTTLE PACKS - NARROW NECK

	UN1/250N	UN1/500N	UN1/1000N
UN Mark	4G/X1/S/98 GB/3772	4G/X2/S/98 GB/3774	4G/X3/S/98 GB/3775
Bottle Capacity ml	250	500	1000
Bottle Capacity oz	8	16	32
Bottle Neck Size mm	28 R4	28 R4	28 R4
Closure Torque in-lb/Nm	1.86/16.5	1.86/16.5	1.86/16.5
Max Gross Mass of Pack kg	1	2	3
Shipping Weight lbs	1.9	2.7	4.7
Case Quantity	4 packs of 1	4 packs of 1	4 packs of 1
Case Price	17.49	19.09	22.28

SINGLE BOTTLE PACKS - WIDE NECK

	UN1/250W	UN1/500W	UN1/1000W
UN Mark	4G/X1/S/98 GB/3772	4G/X2/S/98 GB/3774	4G/X3/S/98 GB/3775
Bottle Capacity ml	250	500	1000
Bottle Capacity oz	8	16	32
Bottle Neck Size mm	45	55	65
Closure Torque in-lb/Nm	2.49/22	3.45/30.5	3.95/35
Max Gross Mass of Pack kg	1	2	3
Shipping Weight lbs	2.0	2.8	5.2
Case Quantity	4 packs of 1	4 packs of 1	4 packs of 1
Case Price	18.29	19.88	23.08

FOUR BOTTLE PACKS - NARROW NECK

	UN4/250N	UN4/500N	UN4/1000N
UN Mark	4G/X3/S/98 GB/3776	4G/X6/S/98 GB/3777	4G/X10/S/98 GB/3778
Bottle Capacity ml	250	500	1000
Bottle Capacity oz	8	16	32
Bottle Neck Size mm	28 R4	28 R4	28 R4
Closure Torque in-lb/Nm	1.86/16.5	1.86/16.5	1.86/16.5
Max Gross Mass of Pack kg	3	6	10
Shipping Weight lbs	3.9	6.5	12.2
Case Quantity	4 packs of 4	4 packs of 4	4 packs of 4
Case Price	27.87	35.05	43.04

FOUR BOTTLE PACKS - WIDE NECK

	UN4/250W	UN4/500W	UN4/1000W
UN Mark	4G/X3/S/98 GB/3776	4G/X6/S/98 GB/3777	4G/X10/S/98 GB/3778
Bottle Capacity ml	250	500	1000
Bottle Capacity oz	8	16	32
Bottle Neck Size mm	45	55	65
Closure Torque in-lb/Nm	2.49/22	3.45/30.5	3.95/35
Max Gross Mass of Pack kg	1	2	3
Shipping Weight lbs	4.3	7.2	14.0
Case Quantity	4 packs of 4	4 packs of 4	4 packs of 4
Case Price	33.45	41.44	51.08

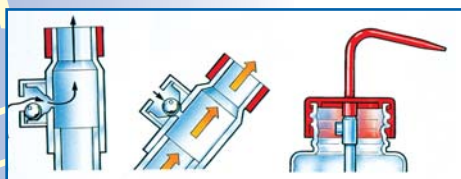
Bottles, Wash



Solvent Venting Wash Bottles

- ✓ Wide mouth for easy filling
- ✓ Eliminates unwanted jets of solvent
- ✓ Eliminates solvent dripping
- ✓ Dispenses solvents efficiently

These LDPE Driplok Wash Bottles feature the only venting system that dispenses solvent as efficiently as a standard wash bottle. This venting system consists of a valve specifically designed to allow volatile solvent vapors to escape, but seals completely when in use to dispense a powerful, spatter-free jet of solvent. These easy to fill bottles are available labeled with hazard information, or blank with write on areas so that you can customize the bottle to suit your particular needs.



LDPE PRINTED SOLVENT VENTING WASH BOTTLES - 250ML

	-0001	-0002	-0004	-0005	-0006
Capacity ml	250	250	250	250	250
Height mm	145	145	145	145	145
Diameter mm	60	60	60	60	60
Printed	Acetone	Ethanol	Isopropanol	Methanol	Set of all 250ml
Shipping Weight lbs	0.58	0.58	0.58	0.58	0.58
Pack Quantity	5	5	5	5	1
Pack Price	26.55	26.55	26.55	26.55	27.86

LDPE PRINTED SOLVENT VENTING WASH BOTTLES - 500ML

	-0001	-0002	-0004	-0005	-0006
Capacity ml	500	500	500	500	500
Height mm	165	165	165	165	165
Diameter mm	75	75	75	75	75
Printed	Acetone	Ethanol	Isopropanol	Methanol	Set of all 500ml
Shipping Weight lbs	0.69	0.69	0.69	0.69	0.69
Pack Quantity	5	5	5	5	1
Pack Price	27.76	27.76	27.76	27.76	27.76

LDPE CUSTOM SOLVENT VENTING WASH BOTTLES

	-0001	-0002
Capacity ml	250	500
Height mm	145	165
Diameter mm	60	75
Printed	Write-on label	Write-on label
Shipping Weight lbs	0.58	0.69
Pack Quantity	5	5
Pack Price	26.55	27.76

Biological Stain Bottle Kit



Stain series driplok venting wash bottles preprinted for five popular biological stains. Printed for Lugol's Iodine Solution, Crystal Violet, Gram Color De-coloring Solution, Gram Iodine Solution and Safranin Solution. Printed information includes hazard warning symbols where relevant and instructions for use. Dark colored stain bottles are printed in light colors for easy recognition of contents. The set consists of five assorted 250ml bottles labeled as above. Shipping weight is 0.58 lbs.

507005

Pack of Five Biological Stain Bottles

26.55 each



The Azlon®

Driplok system is the **ONLY** solvent vapor venting bottle that dispenses as efficiently as a normal wash bottle due to the patented ball valve system. No spit...no sputter!

Wide Mouth Wash Bottle, Autoclavable PP

Based on Azlon's leading wide mouth wash bottle design, this graduated 500ml bottle features an easy fill wide mouth precision spout and is autoclavable. The polypropylene material used in its manufacture has excellent chemical resistance, allows for easy squeezing and can be autoclaved at 121°C, making it ideal for use in sterile and clean room areas. The bottle is printed with label areas for you to write your own contents, hazard information, etc. and features printed graduations for approximate volume indication. Supplied shrink wrapped in packs of five. Shipping weight is 0.69lbs.

506985

Autoclavable Wash Bottle

24.37 pack of 5



Economy Integral Style Wash Bottle LDPE

These wash bottles have an integrally molded tube with removable jet tip and a separate plain cap. The shape is a squared-oval for easy grip and improved stability. Available in five different colors for color coding of contents, all with natural PP closures. Can also be supplied with the tube end sealed for transportation when filled. Maximum temperature of LDPE is 80°C.

LDPE INTEGRAL STYLE WASH BOTTLES - 250ML

	506535-0250	506545-0250	506555-0250	506565-0250	506575-0250
Capacity ml	250	250	250	250	250
Color	Natural	Blue	Yellow	Red	Green
Shipping Weight lbs	0.4	0.4	0.4	0.4	0.4
Pack Quantity	5	5	5	5	5
Pack Price	10.93	10.93	10.93	10.93	10.93

LDPE INTEGRAL STYLE WASH BOTTLES - 500ML

	506535-0500	506545-0500	506555-0500	506565-0500	506575-0500
Capacity ml	500	500	500	500	500
Color	Natural	Blue	Yellow	Red	Green
Shipping Weight lbs	0.56	0.56	0.56	0.56	0.56
Pack Quantity	5	5	5	5	5
Pack Price	12.24	12.24	12.24	12.24	12.24



Easy Squeeze Wash Bottles LDPE

Easy-squeeze wash bottles with integrally molded tube. Requires only gentle pressure to eject and accurately direct the liquid. The dispensing tip can be cut back to increase the flow rate. Maximum temperature of LDPE is 80°C.

LDPE WASH BOTTLES

	224085	224115
Capacity ml	250	500
Height mm	144	180
Diameter mm	60	65
Shipping Weight lbs	4.9	4.8
Pack Quantity	36	24
Pack Price	114.52	97.14



Bottles, Wash



Round Wide Neck Wash Bottle LDPE

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.

LDPE WASH BOTTLES - 250ML

506925	-0001	-0002	-0003	-0004	-0005
Capacity ml	250	250	250	250	250
Height mm	145	145	145	145	145
Diameter mm	60	60	60	60	60
Cap Color	Natural	Red	Yellow	Green	Blue
Shipping Weight lbs	0.61	0.61	0.61	0.61	0.61
Pack Quantity	5	5	5	5	5
Pack Price	17.26	17.26	17.26	17.26	17.26

LDPE WASH BOTTLES - 500ML

506935	-0001	-0002	-0003	-0004	-0005
Capacity ml	500	500	500	500	500
Height mm	165	165	165	165	165
Diameter mm	75	75	75	75	75
Cap Color	Natural	Red	Yellow	Green	Blue
Shipping Weight lbs	0.69	0.69	0.69	0.69	0.69
Pack Quantity	5	5	5	5	5
Pack Price	19.67	19.67	19.67	19.67	19.67

LDPE WASH BOTTLES - 1000ML

506945	-0001	-0002	-0003	-0004	-0005
Capacity ml	1000	1000	1000	1000	1000
Height mm	209	209	209	209	209
Diameter mm	90	90	90	90	90
Cap Color	Natural	Red	Yellow	Green	Blue
Shipping Weight lbs	1.03	1.03	1.03	1.03	1.03
Pack Quantity	5	5	5	5	5
Pack Price	21.41	21.41	21.41	21.41	21.41

LDPE PRINTED WATER WASH BOTTLES

506955-0001	-0002	-0003	506965-0001	-0002	-0003
Capacity ml	250	250	500	500	500
Height mm	145	145	165	165	165
Diameter mm	60	60	75	75	75
Printed	Water	Distilled	Deionized	Water	Distilled
Cap Color	White	White	White	White	White
Shipping Weight lbs	0.61	0.61	0.69	0.69	0.69
Pack Quantity	5	5	5	5	5
Pack Price	22.73	22.73	22.73	22.73	22.73

DYNALON'S DIAMOND LABWARE



This logo denotes the product lines that we feel truly demonstrate quality, ingenuity and value... the most popular items we have to offer!

Bottles, Wash

Round Narrow Neck Wash Bottles LDPE

Four sizes of traditional style wash bottles fitted with color coded, polypropylene swivel/leak-proof closures. Supplied capped in shrink-wrapped packs of five. Maximum temperature of LDPE is 80°C.

LDPE WASH BOTTLES - WHITE CAP

506705	-0060	-0150	-0250	-0500
Capacity ml	60	150	250	500
Height mm	79	110	143	165
Diameter mm	40	50	60	75
Shipping Weight lbs	0.21	0.29	0.41	0.59
Pack Quantity	5	5	5	5
Pack Price	9.29	10.49	12.78	13.56

LDPE WASH BOTTLES - RED CAP

506715	-0060	-0150	-0250	-0500
Capacity ml	60	150	250	500
Height mm	79	110	143	165
Diameter mm	40	50	60	75
Shipping Weight lbs	0.21	0.29	0.41	0.59
Pack Quantity	5	5	5	5
Pack Price	9.29	10.49	12.78	13.56

LDPE WASH BOTTLES - YELLOW CAP

506725	-0060	-0150	-0250	-0500
Capacity ml	60	150	250	500
Height mm	79	110	143	165
Diameter mm	40	50	60	75
Shipping Weight lbs	0.21	0.29	0.41	0.59
Pack Quantity	5	5	5	5
Pack Price	9.29	10.49	12.78	13.56

LDPE WASH BOTTLES - GREEN CAP

506735	-0060	-0150	-0250	-0500
Capacity ml	60	150	250	500
Height mm	79	110	143	165
Diameter mm	40	50	60	75
Shipping Weight lbs	0.21	0.29	0.41	0.59
Pack Quantity	5	5	5	5
Pack Price	9.29	10.49	12.78	13.56

LDPE WASH BOTTLES - BLUE CAP

506745	-0060	-0150	-0250	-0500
Capacity ml	60	150	250	500
Height mm	79	110	143	165
Diameter mm	40	50	60	75
Shipping Weight lbs	0.21	0.29	0.41	0.59
Pack Quantity	5	5	5	5
Pack Price	9.29	10.49	12.78	13.56



Let Dynalon surprise you with our
abilities to meet your custom needs...
see pages 124 and 125

CUSTOM PLASTIC FABRICATION

Bottles, Wash



Colored Narrow Neck Wash Bottles LDPE

Two sizes of traditional style wash bottles in four colors with matching closures. Supplied capped in shrink-wrapped packs of five. Maximum temperature of LDPE is 80°C.

LDPE WASH BOTTLES - 250ML

	506755-0250	506785-0250	506765-0250	506775-0250
Capacity ml	250	250	250	250
Color	Red	Yellow	Green	Blue
Height mm	143	143	143	143
Diameter mm	60	60	60	60
Shipping Weight lbs	0.42	0.42	0.42	0.42
Pack Quantity	5	5	5	5
Pack Price	12.35	12.35	12.35	12.35

LDPE WASH BOTTLES - 500ML

	506755-0500	506785-0500	506765-0500	506775-0500
Capacity ml	500	500	500	500
Color	Red	Yellow	Green	Blue
Height mm	165	165	165	165
Diameter mm	75	75	75	75
Shipping Weight lbs	0.59	0.59	0.59	0.59
Pack Quantity	5	5	5	5
Pack Price	13.87	13.87	13.87	13.87



Printed Sloping Shoulder Wash Bottles LDPE

These stylish sloped shoulder wash bottles are available with seven different printed labels. All are fitted with color coded polypropylene swivel/leak proof closures featuring an acute angled "swan neck" dispensing spout. Maximum temperature of LDPE is 80°C.

LDPE PRINTED SLOPING SHOULDER WASH BOTTLES - 250ML

	-0001	-0002	-0003	-0004	-0005	-0006	-0008
Capacity ml	250	250	250	250	250	250	250
Color	White	White	White	Red	Green	Blue	Orange
Printed	Water	Distilled	Deionized	Acetone	Methanol	Isopropanol	Ethanol
Height mm	150	150	150	150	150	150	150
Diameter mm	50	50	50	50	50	50	50
Shipping Weight lbs	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Pack Quantity	5	5	5	5	5	5	5
Pack Price	14.32	16.17	16.17	16.17	16.17	16.17	16.17

LDPE PRINTED SLOPING SHOULDER WASH BOTTLES - 500ML

	-0001	-0002	-0003	-0004	-0005	-0006	-0008
Capacity ml	500	500	500	500	500	500	500
Color	White	White	White	Red	Green	Blue	Orange
Printed	Water	Distilled	Deionized	Acetone	Methanol	Isopropanol	Ethanol
Height mm	185	185	185	185	185	185	185
Diameter mm	64	64	64	64	64	64	64
Shipping Weight lbs	0.64	0.64	0.64	0.64	0.64	0.64	0.64
Pack Quantity	5	5	5	5	5	5	5
Pack Price	16.17	17.26	17.26	17.26	17.26	17.26	17.26

Bottles, Wash... Bottle Carriers

Sloping Shoulder Wash Bottles LDPE

These stylish sloped shoulder wash bottles are available in four popular sizes. All are fitted with color coded polypropylene swivel/leak proof closures featuring an acute angled "swan neck" dispensing spout.

LDPE SLOPING SHOULDER WASH BOTTLES - WHITE CAP

506805	-0125	-0250	-0500	-750	-1000
Capacity ml	125	250	500	750	1000
Height mm	105	150	185	212	240
Diameter mm	30	50	64	52	80
Shipping Weight lbs	0.96	0.4	0.64	0.72	0.96
Pack Quantity	5	5	5	5	5
Pack Price	9.87	11.36	12.57	12.83	14.86

LDPE SLOPING SHOULDER WASH BOTTLES - RED CAP

506815	-0125	-0250	-0500	-0750	-1000
Capacity ml	125	250	500	750	1000
Height mm	105	150	185	212	240
Diameter mm	30	50	64	52	80
Shipping Weight lbs	0.96	0.4	0.64	0.72	0.96
Pack Quantity	5	5	5	5	5
Pack Price	9.87	11.36	12.57	12.83	14.86

LDPE SLOPING SHOULDER WASH BOTTLES - YELLOW CAP

506825	-0125	-0250	-0500	-0750	-1000
Capacity ml	125	250	500	750	1000
Height mm	105	150	185	212	240
Diameter mm	30	50	64	52	80
Shipping Weight lbs	0.96	0.4	0.64	0.72	0.96
Pack Quantity	5	5	5	5	5
Pack Price	9.87	11.36	12.57	12.83	14.86

LDPE SLOPING SHOULDER WASH BOTTLES - GREEN CAP

506835	-0125	-0250	-0500	-0750	-1000
Capacity ml	125	250	500	750	1000
Height mm	105	150	185	212	240
Diameter mm	30	50	64	52	80
Shipping Weight lbs	0.96	0.4	0.64	0.72	0.96
Pack Quantity	5	5	5	5	5
Pack Price	9.87	11.36	12.57	12.83	14.86

LDPE SLOPING SHOULDER WASH BOTTLES - BLUE CAP

506845	-0125	-0250	-0500	-0750	-1000
Capacity ml	125	250	500	750	1000
Height mm	105	150	185	212	240
Diameter mm	30	50	64	52	80
Shipping Weight lbs	0.96	0.4	0.64	0.72	0.96
Pack Quantity	5	5	5	5	5
Pack Price	9.87	11.36	12.57	12.83	14.86



Economy Bottle Carrier HDPE

Lightweight, sturdy bottle carrier provides economical means to transport up to six (3 1/2" diam.) bottles. Overall dimensions approx. 13" x 9 3/4" x 4 1/4" deep compartments. Handle is approximately 6" high. Shipping weight is 3.6 lbs.

408175

Economy Bottle Carrier

91.46 pack of 5



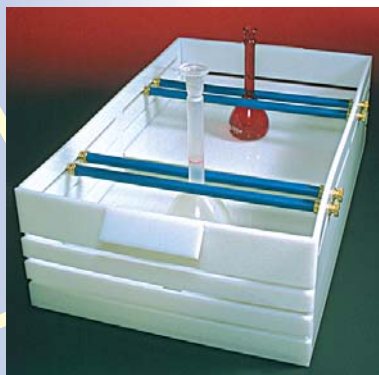
Bottle Carriers... Bottle Pourer, Chemical



165024



165044



Bottle Carriers HDPE

Fabricated of high density polyethylene. A safe and easy method of carrying bottles. External dimensions are 14 1/2" x 7 1/2" x 6 1/4" deep. Single, six and eight compartment carriers supplied with 1" diameter carrying handle. Two compartment carrier supplied with center mounted divider handle.

BOTTLE CARRIERS HDPE

	165024	165034	165044	165054
Compartments	1	6	2	8
Length inches	13 3/4	4 1/2	7	3 1/4
Width inches	6 3/4	3 3/8	6 7/8	3 1/4
Depth inches	6	6	6	6
Shipping Weight lbs	4.6	6	4	6
Price Each	117.69	155.06	153.64	173.97

Safety Carrier

This patented safety carrier is fully adjustable for height and diameter. Locking rods prevent accidental tipping of vessels being carried or transported. The body of this carrier is manufactured from chemical resistant high density polyethylene. The adjustable stainless steel rods are covered with soft latex to cushion the items being transported. Safety Carrier is available in two practical sizes.

SAFETY CARRIER

	165204	165224	165244	165264
Description	Safety Carrier-4 rods	Safety Carrier-3 rods	Holding Rod	Holding Rod
Length inches	20	12	10	12
Width inches	12	10	N/A	N/A
Depth inches	6	5	N/A	N/A
Shipping Weight lbs	11.8	6.4	0.18	0.23
Price Each	179.31	157.35	6.99	7.65



Hazardous Chemical Bottle Pourer



The NEW hazardous and corrosive chemical pourer is manufactured fully from PTFE and has totally inert pouring surfaces, even the neck-sealing ring is encapsulated in PTFE. The unique design allows direct and controlled pouring due to the incorporated breather vent. The pourer comes in four sizes to fit standard reagent bottles with neck sizes of GL45, 38, 32 and 30. A captured PTFE closure ensures contaminant free contents when not in use. (Bottle not included)

HAZARDOUS CHEMICAL BOTTLE POURER

	310374	-0001	-0002	-0003	-0004
Neck Size mm	45	32	30	38	
Shipping Weight lbs	0.18	0.17	0.17	TBA	
Price Each	38.89	38.89	38.89	38.89	

Bucket, Ice... Burettes



Ice Bucket

- ✓ 4.5 Liter capacity
- ✓ Will not sweat or leak
- ✓ Resistant to acetone
- ✓ Unbreakable in normal use
- ✓ Maximum temperature 95°C
- ✓ Can be chemically disinfected
- ✓ Molded handles for safe handling



Efficient
Octagonal
Design

Durable rigid polyurethane skinned-foam construction. Excellent insulating properties, suitable for use with dry ice, water ice and salt solutions. Octagonal design will not deform and is very stable when full. Flush lid with recessed handle means buckets can be stacked for storage.

Dimensions:

Internal Base Ø	.....155mm
External Base Ø	.....185mm
Internal Rim Ø	.....245mm
External Rim Ø	.....275mm (325mm with handles)
Shipping Weight	..... 2.8 lbs

501864

Ice Bucket

56.17 each



Glass Burette with PTFE Stopcocks

The ultimate laboratory burette. Straight through burettes are supplied in Class B, clear and Schellbach. Wetted parts are glass and PTFE only. Super smooth - ALL PTFE DEDICATED BURETTE STOPCOCK totally inert, grease free and unbreakable. Tip is push-lock polypropylene for easy cleaning. Please specify glass or polypropylene tip when ordering.

SHELLBACH BURETTES

302694	-P010	-P025	-P050
Capacity ml	10	25	50
Description	Class B	Class B	Class B
Shipping Weight lbs	TBA	0.7	TBA
Price Each	41.63	41.63	44.03

REPLACEMENT GLASS TUBES FOR ABOVE BURETTES

302714	-0010	-0025	-0050
Capacity ml	10	25	50
Pack Quantity	6	6	6
Shipping Weight lbs	TBA	TBA	TBA
Pack Price	107.64	107.64	107.64

CLEAR GLASS BURETTES

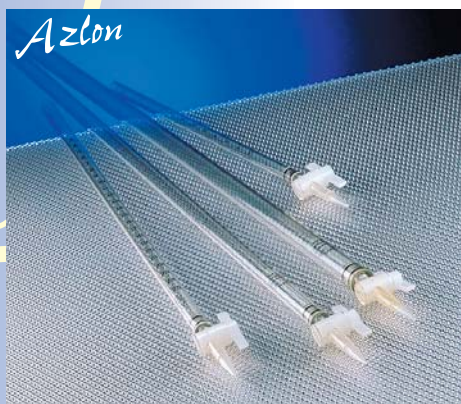
302774	-P010	-P025	-P050
Capacity ml	10	25	50
Description	Class B	Class B	Class B
Shipping Weight lbs	0.52	TBA	TBA
Price Each	39.34	39.34	39.34

REPLACEMENT GLASS TUBES FOR ABOVE BURETTES

302794	-0010	-0025	-0050
Capacity ml	10	25	50
Shipping Weight lbs	TBA	0.15	TBA
Pack Quantity	6	6	6
Pack Price	82.17	82.17	82.17



Burettes... Burette Accessories



Acrylic Burette

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 break-ages often occur. This series is unaffected by most dilute aqueous solutions (except ammonia and HF) but unsuitable for ethanol or organic solvents. Lengths and internal dimensions can vary as all are individually calibrated.

ACRYLIC BURETTE

564715	-0010	-0025	-0050	-0100
Capacity ml	10	25	50	100
Tolerance +/- ml	.05	.1	.1	.2
Nom. Tube Length mm	320	480	680	735
Nom I.D. mm	8.0	9.5	10.8	14.6
Nom Overall Length mm	390	550	750	805
Shipping Weight lbs	0.08	0.1	0.14	0.18
Price Each	40.33	46.88	59.01	70.04

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



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. Burette clamps available below. Shipping weight is 5.0 lbs for either product.

502655	Center Rod Stand	70.59 each
502665	Edge Rod Stand	70.59 each

- ✓ Corrosion resistant
- ✓ Weighted for stability



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.

BURETTE CLAMPS PP

	562415	562425
Model	Single	Double
Shipping Weight lbs	0.55	0.86
Pack Quantity	5	5
Pack Price	35.95	52.12



Carboys and Large Bottles

- ✓ Range of high performance large bottles and carboys in a choice of three sizes
- ✓ Autoclavable PP, heavy-duty construction
- ✓ 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 stopcock with boss fitting for extra strength
- ✓ Stopcock features removable tube fitting for added convenience
- ✓ Graduations are molded into the front of the products allowing easy reading even when several carboys are used in a row



CARBOY WITH STOPCOCK

505634	-1	-2	-3
Capacity Liters	5	10	20
Cap size nom. mm	45	90	90
Height nom. mm	270.5	359	419
Width nom. mm	190	238	300
Length nom. mm	190	238	300
Shipping Weight lbs	1.2	2.6	4.6
Price Each	32.74	47.00	56.30

BOTTLE (NO STOPCOCK)

505634	-4	-5	-6
Capacity Liters	5	10	20
Cap size nom. mm	45	90	90
Height nom. mm	270.5	359	419
Width nom. mm	190	238	300
Length nom. mm	190	238	300
Shipping Weight lbs	1.0	2.2	4.2
Price Each	20.89	35.14	43.70

505634-7 Replacement stopcock for above carboy (0.1 lbs) 11.54 each

Carboy, With Outlet LDPE

Heavy-duty carboy with outlet tube firmly welded near bottom for attaching plastic or rubber tubing. Up to 1 gallon size outlet takes 1/4" to 3/8" I.D. tubing*. Larger sizes take 1/2" to 5/8" I.D. tubing. Five gallon size supplied with one handle, molded on shoulder.

CARBOY, WITH OUTLET LDPE

104814	-2	-4	-8	-20	-25
Capacity gallon(s)	1/2	1	2	5	6 1/2
Shipping Weight lbs	0.55	TBA	2.2	3.8	6.4
Pack Quantity	6	6	6	4	1
Pack Price	156.15	190.90	294.27	356.67	101.85



Carboys



Carboy, With Tubing and Clamp LDPE

Heavy duty LDPE carboys (same as 104814 on page 43) with 5 ft. of Dynalon vinyl food grade tubing (610855 page 113). Sizes up to 1 gal. supplied with 1/4" I.D., 3/8" O.D. tubing, and use standard 15 position Dura-Clamp (670755 on page 46). Sizes 2 gal. and over take 1/4" I.D. x 5/8" O.D. tubing, with a 12 position Dura-Clamp™ (670725 on page 46) attached. Supplied with vented closures. Hose tubing can be clamped out of the way when not in use. Maximum temperature for LDPE is 80°C.

CARBOY, WITH TUBING AND CLAMP LDPE

	105674	-0001	-0002	-0005	-0006
Capacity gallon(s)	1	2	5	6 1/2	
Shipping Weight lbs	8.4	22.8	TBA	TBA	
Pack Quantity	6	6	4	1	
Pack Price	215.16	296.35	384.97	104.58	



Carboy With Outlet HDPE

Molded of high density polyethylene. 5 gallon (19 liter) square style saves space. Large handle on top and handgrip on bottom for convenient pouring. 63mm closure molded of low density polyethylene. The serrated tubing outlet is made for 3/8" through 1/2" I.D. tubing. Maximum temperature for HDPE is 110°C.

105775

5 Gallon Carboy with Outlet HDPE

30.16 each



Dynalon Food Grade Tubing 610855 series page 113
Dura-Clamp see page 46



Square Carboy with Tubing and Clamp HDPE

High density polyethylene square shaped carboy (same as 405604 above) with 60" of Dynalon vinyl food grade tubing (#610855-12 on page 113) 3/8" I.D., 1/2" O.D. and supplied with a standard 15 position (670755 on page 46) Dura-Clamp.™ 5 gallon capacity. Supplied with vented closures. Hose tubing can be clamped out of the way when not in use. Maximum temperature for HDPE is 110°C. Shipping weight is 2.55 lbs.

105665

Square Carboy with Tubing and Clamp HDPE

35.63 each

Carboy Lightweight 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 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.

CARBOY, LIGHTWEIGHT HDPE

	405604	405614	405624	612935
Description	Carboy, Lightweight	Carboy, Lightweight	Carboy, Heavyweight	PE Faucet: fits all
Capacity gallon(s)	5	2 1/2	5	N/A
Length mm	245	245	245	N/A
Height mm	342	185	342	N/A
Width mm	248	187	248	N/A
Shipping Weight lbs	8.0	4.3	10.6	0.97
Pack Quantity	4	4	4	12
Pack Price	52.78	45.14	75.51	28.95



Carboy, Aspirator with Stopcock HDPE

These general purpose, heavy duty bottles are not to be confused with the lightweight containers. All sizes have handles. The 5 and 10 liter sizes are hexagonal while the 25 liter is round. Maximum temperature of HDPE is 110°C.

CARBOY, ASPIRATOR WITH STOPCOCK HDPE

508655	-0005	-0010	-0025
Capacity gallon(s)	5	10	25
Neck I.D. mm	49	49	64
Shipping Price lbs	0.8	1.2	2.4
Price Each	34.75	48.63	93.10



Carboy with Spigot LDPE

Heavy-duty carboy is molded of low density polyethylene. Spigot is 3/4" and has serrated tip to securely hold 1/2" to 5/8" I.D. tubing. Five gallon size is supplied with one molded carrying handle. Maximum temperature for LDPE is 80°C.

CARBOY, WITH SPIGOT LDPE

	105414	105424	105434	105444
Capacity gallon(s)	1	2	5	6 1/2
Shipping Weight lbs	7.4	17.4	22.4	4.6
Pack Quantity	6	6	4	1
Pack Price	284.55	402.45	353.94	98.23



Safety Jug, Dispensing LDPE

Jugs, with pour spouts and handles made of low density polyethylene. Spouts are fitted with plugs and permanently attached to jug. Five gallon size has a top and bottom handle and two gallon size has a side handle for safe and easy handling. Supplied with leakproof buttress closure. Maximum temperature for LDPE is 80°C.

SAFETY JUG, DISPENSING LDPE

	123404-0002	123414-0005
Capacity gallon(s)	2	5
Closure Size mm	53	83
Shipping Weight lbs	TBA	TBA
Price Each	97.14	107.64



Jug LDPE

This one gallon jug is molded of low density polyethylene with convenient, finger ring for easy handling. Supplied with a 38 mm buttress screw closure. Heavy weight for long service. Maximum temperature for LDPE is 80°C. Shipping weight is 8.6 lbs.

608704	Jug LDPE	208.93 pack of 6
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Cell Culture... Clamps



Cell Culture Plates PTFE

Manufactured from pure PTFE with U or L distortion-free cavities. Totally inert and may be sterilized by all usual means. Special interest in PTFE 96 well culture plates arises from the non-stick nature of PTFE, such plates eliminate adherence of cells to the cavity wall and facilitate sample harvesting.

CELL CULTURE PLATES

	339204	339214
Description	U Well	L Well
Cavity Diameter mm	6.4	6.4
Length mm	127	127
Width mm	14	14
Height mm	85	85
Shipping Weight	0.54	TBA
Price Each	105.34	105.34



Chromatography Columns PTFE

Pure PTFE chromatography columns are totally inert and suitable for use with all reagents. PTFE tube with push-in PTFE stopcock and with PTFE perforated support disc.

CHROMATOGRAPHY COLUMNS

	364654	364664
Columns Length mm	300	500
Column Bore mm	11	11
Shipping Weight lbs	TBA	TBA
Price Each	49.17	58.13



Dura-Clamp® Tubing Flow Valve PP



- ✓ Easily operated with one hand
- ✓ One piece plastic construction – will not rust or corrode

DURA-CLAMP®

	670715	670755	670725
Accepts Tubing OD	up to 1/4"	1/8" to 1/2"	up to 3/4"
Description	Mini	Standard	Maxi
Shipping Weight lbs	0.3	0.21	0.22
Case Quantity	100	25	6
Case Price	10.27	11.59	9.72



See Dynalon Vinyl Laboratory Tubing on page 113
See ESCO Medical Grade Tubing on page 114

Containers

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.

CONTAINERS, HINGED LID PE

226254	-0025	-0050	-1000	-1500	-2000	-4000
Capacity oz	.25	.5	1 flat	1	2	4
Shipping Weight lbs	24.4	23.4	17.5	17.0	17.5	12.3
Case Quantity	1000	1000	1000	1000	1000	1000
Pack Price	238.96	267.80	350.20	360.50	427.45	552.08



Polystyrene Containers - Sterile

POLYSTYRENE CONTAINERS - STERILE

526374	-01	-02	-03	-04	-05
Capacity ml	60	30	30	30	30
Label	Plain	No	Printed	Plain	No
Type	Universal	Universal	Universal	Universal	Universal
Spoon	No	No	No	No	Yes
Cap Material	PE	PP	PP	PP	PP
Height mm	61.1	93.1	93.1	93.1	93.1
Diameter mm	44.6	30.1	30.1	30.1	30.1
Shipping Weight lbs	11.0	13.9	13.9	14.6	14.2
Case Quantity	300	400	400	400	400
Case Price	89.05	76.16	79.55	79.55	135.06

POLYSTYRENE CONTAINERS - STERILE

526374	-06	-07	-08	-09	-10
Capacity ml	30	7	7	150	100
Label	Plain	No	Plain	Plain	Plain
Type	Universal	Bijou	Bijou	Plain	Plain
Spoon	Yes	No	No	No	No
Cap Material	PP	PE	PE	Metal	PE
Height mm	93.1	50.2	50.2	107.5	76.4
Diameter mm	30.1	22.5	22.5	54.9	50.5
Shipping Weight lbs	14.4	7.9	7.9	10.12	11.4
Case Quantity	400	700	700	120	200
Case Price	138.77	127.63	155.72	102.71	129.16

POLYSTYRENE CONTAINERS - STERILE

526374	-11	-12	-13
Capacity ml	30	60	60
Label	Printed	No	Printed
Type	Universal	Plain	Plain
Spoon	Yes	No	No
Cap Material	PE	PE	PE
Height mm	93.1	61.1	61.1
Diameter mm	30.1	44.6	44.6
Shipping Weight lbs	13.9	11.66	11.66
Case Quantity	400	300	300
Case Price	138.77	80.95	83.15



- ✓ **Sterile...**
All containers are manufactured aseptically within a state of the art clean room
- ✓ **Various closures...**
The 30ml universal uniquely relies on flow seal technology. Other sizes employ liners or crab claw closures to facilitate sample containment.
- ✓ **Various Labels...**
Labeling options include unlabeled printed or plain.
- ✓ **Some sizes available with spoons.**

Containers



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.

POLYSTYRENE CONTAINERS

426364	-03	-05	-07	-10	-13	-15	-20	-30	-40
Capacity drams	3	5	7	10	13	15	20	30	40
I.D. mm	19	22	26	27	30	32	38	45	45
Height mm	48	48	51	50	56	64	64	76	102
Shipping Weight lbs	1.8	2.4	3.4	4.6	5.6	6.4	7.2	3.8	5.4
Case Quantity	144	144	144	144	144	144	144	72	72
Case Price	32.13	32.79	35.63	46.11	52.02	53.44	65.01	45.45	52.67



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.

STRAIGHT-SIDE POLYSTYRENE CONTAINERS

	421205	421215	421195	421225	421235	421245
Capacity ml	60	120	180	240	480	1000
Diameter mm	53	70	70	89	89	120
Height w/ cap mm	47	60	72	66	97	100
Shipping Weight lbs	TBA	TBA	TBA	TBA	TBA	TBA
Case Quantity	48	36	36	36	24	24
Case Price	48.63	56.60	65.24	72.88	68.95	105.55



✓ Polypropylene screw closure

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.

STRAIGHT-SIDE POLYPROPYLENE CONTAINERS

	421115	421125	421135	421145	421155	421165	421185
Capacity ml	30	60	120	250	500	950	1200
Diameter mm	43	53	70	89	89	120	120
Height w/ cap mm	43	47	60	66	97	100	132
Shipping Weight lbs	2.4	2.2	2.9	4.8	3.4	7.0	8.0
Case Quantity	72	48	36	36	24	24	24
Case Price	69.39	49.50	59.34	76.39	76.71	113.87	145.33



Containers PP

Molded of white opaque polypropylene, lightweight containers are not considered leak-proof. Many laboratory and industrial uses. Supplied with polypropylene screw closures. Maximum temperature polypropylene is 121°C.

POLYPROPYLENE CONTAINERS

426325	-0025	-0050	-0100	-0200	-0400	-0800	-1600
Capacity ml	7.5	15	30	60	125	250	500
Diameter mm	27	25	35	47	50	63	80
Height mm	26	37	37	41	65	86	97
Closure mm	33	33	43	53	58	70	89
Shipping Weight lbs	2.0	TBA	TBA	TBA	TBA	TBA	TBA
Case Quantity	144	144	144	72	72	48	36
Case Price	59.77	68.07	84.69	47.97	54.86	68.52	74.96

Containers



Disposable Specimen Containers HDPE

Lightweight containers with tight-fitting lids. Molded of high density polyethylene, non-breakable, and translucent. 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.

WHITE OPAQUE DISPOSABLE SPECIMEN CONTAINERS HDPE

	454395	454405	454415	454425	454435	454445
Capacity ml	120	240	480	960	2000	4800
Capacity oz.	4	8	16	32	68	163
Diameter mm	79	79	92	114	149	202
Height mm	38	82	92	133	158	196
Shipping Weight lbs	9.25	11.0	7.3	12.3	11.0	12.6
Case Quantity	250	250	100	100	50	25
Case Price	74.85	76.49	43.60	73.54	70.37	64.91

ASSORTED DISPOSABLE SPECIMEN CONTAINER KIT

454455 Contains:	454395	454405	454415	454425	454435	454445
Quantity	25	20	20	20	10	5
Shipping Weight lbs	10.5					
Kit Price 100 Containers	64.25					

DISPOSABLE SPECIMEN CONTAINERS HDPE

	453565	453595	453605	453615	453625	453555	453635
Capacity ml	120	240	480	960	2000	2200	4800
Capacity oz.	4	8	16	32	68	86	163
Diameter mm	79	79	92	114	149	162	202
Height mm	38	82	92	133	158	171	196
Shipping Weight lbs	9.25	11.0	7.3	12.3	11.0	6.55	12.6
Case Quantity	250	250	100	100	50	25	25
Case Price	72.12	79.77	47.54	75.61	65.13	41.96	72.34



- ✓ Choose either translucent or opaque containers
- ✓ Maximum temperature HDPE 110°C



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.

SPACE SAVER BOTTLE

	405644	405654
Description	Bottle	Faucet
Capacity liter(s)	5	NA
Shipping Weight lbs	TBA	0.35
Pack Quantity	12	12
Pack Price	95.83	34.75



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.

CONTAINERS, WIDE MOUTH HDPE

	626335	600335
Capacity gallons	1/2	1
Screw Cap mm	120	110
Height mm	160	254
Diameter mm	149	152
Closure mm	Polypropylene	Metal
Shipping Weight lbs	6.7	TBA
Case Quantity	24	24
Case Price	63.71	113.87



Containers



Container, Dispensing 5 Quart

✓ Fast-Flow Removable Spigot

Translucent polypropylene container enables easy identification of contents. Fast-flow removable spigot cleans easily. Spill-proof, tight seal lid. 5 quart capacity. Narrow design allows for convenient shelf storage. OD dimensions: 11 1/2" H x 3 1/2" W x 9" D. Shipping weight is 6.0 lbs.

408444

Dispensing Container 5 Quart

109.71 pack of 6



See additional faucets/spigots pages 93



Containers, Lightweight HDPE

Molded of high density polyethylene with handle for convenient carrying. Supplied with 38 mm polypropylene closure for tight seal.

CONTAINERS, LIGHTWEIGHT HDPE

	608695	608715
Capacity gallon(s)	1/2	1
Shipping Weight lbs	TBA	8.6
Pack Quantity	24	12
Pack Price	55.51	26.67



Container, Wide Mouth Lightweight HDPE

Wide mouth jar, molded of high density polyethylene. Light in weight but strong and durable. Supplied in 1 gallon size only. Shipping weight is 3.8 lbs.

608735

Wide Mouth Jar HDPE

72.88 pack of 12



Containers PTFE

Isostatically molded of pure PTFE with extra heavy wall construction. Smooth internal finish and screw cap. Totally inert and can withstand temperatures up to 260°C. Stackable.

CONTAINERS PTFE

326214	-0015	-0030	-0060	-0120	-0240	-0480	-1000
Capacity ml	15	30	60	120	240	480	1000
Diameter mm	34	34	60	72	72	90	110
Height mm	34	62	46	52	100	125	160
Shipping Weight lbs	0.07	0.14	0.2	0.35	0.45	0.73	TBA
Price Each	19.45	22.62	27.76	39.55	52.89	86.65	156.15

Crucibles... Cuvette Accessories

Crucibles PTFE

Chemically inert and useable to 280°C. Machine finished surfaces for ease of cleaning and to eliminate contamination.

CRUCIBLES PTFE

	355004	355014	355024	355034
Capacity ml	5	25	75	100
Diameter mm	16	26	41	46
Height mm	27	44	56	71
Shipping Weight lbs	0.014	0.035	0.11	0.11
Price Each	8.30	12.13	19.45	22.95

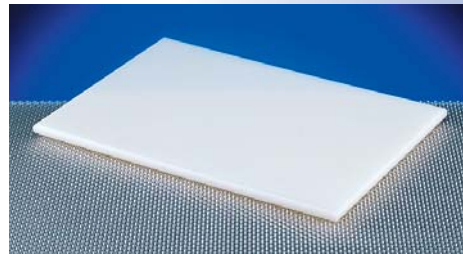


Cutting Board HDPE

White, easy-to-clean surface. Provides excellent surface for examining specimens, cutting, dissecting, etc. NSF, FDA and USDA approved material.

CUTTING BOARD HDPE

	116405	116415	116425	116435
Length inches	12	15	18	18
Width inches	18	20	24	24
Height inches	0.5	0.5	0.5	0.75
Shipping Weight lbs	3.8	5.0	8.8	11.6
Price Each	22.19	31.47	43.82	61.96



Cuvette Stirring Spatulas

Polystyrene disposable Cuvette Stirring Spatulas measure 120mm long by 3mm diameter. Packed 500 stirrers in a polyethylene bag, 2 bags (1000 stirrers) per case. Shipping weight is 1.54 lbs.

375985

Disposable Cuvette Stirrers

31.03 per case



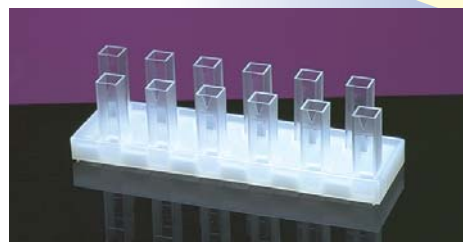
Cuvette Holder LDPE

Holds 12 glass, silica, or plastic disposable cuvettes (external dimensions 12.5 x 12.5 mm). Permits easy viewing of the solution color to be measured and helps prevent breakage. The cuvettes can also be fitted horizontally in the base after usage for storing purposes. Dimensions: 170mmL x 70mmW x 15mmH (6 11/16" x 2 3/4" x 3/8"). Shipping weight is 0.39 lbs.

202215

Cuvette Holder

14.86 pack of 5



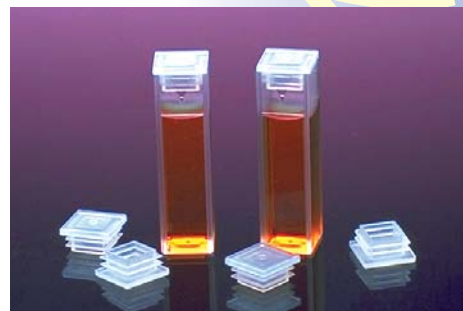
Cuvette Caps LDPE

Polyethylene dust covers fit most standard cuvettes. Flexible fins on cap allow for tight fit that will not damage the cuvette. Caps are 19mm in depth. Supplied in cases of 1000 caps. Shipping weight is 0.77 lbs.

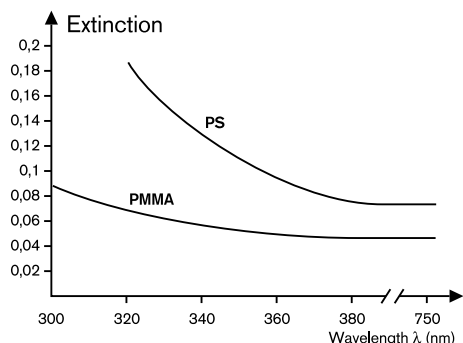
402364

Cuvette Caps

61.19 per case



CUVETTE SPECIFICATIONS



Typical values for macro and semi-micro cuvettes. Measured with water at 20°C, against air ($E=0$).

Material

Polystyrene (PS)
Polymethyl methacrylate (PMMA)

Filling Volume

Macro cuvette: minimum 2.5ml; maximum 4.5ml
Semi-micro cuvette: minimum 1.5ml; maximum 3.0ml

Dimensions

Cuvette: 12.5 x 12.5 x 45mm, light path 10mm
Windows: Macro 10 x 35mm
Semi-Micro 5 x 23mm

PS cuvettes have a typical range of application from 340nm. Standard deviation at 360nm $\leq \pm 0.005$ extinction units.
PMMA cuvettes have a typical range of application from 300nm. Standard deviation at 320nm $\leq \pm 0.004$ extinction units.



Cuvettes, Visible Range Semi-Micro, 1.5ml



These exceptionally fine quality polystyrene cuvettes are designed for assays throughout the 340nm to 750nm visible spectral range. A standard 1cm light path and recessed windows provide maximum light transmission. Scale down your assay volumes to save on costly reagents using these specially designed cuvettes that have a minimum filling volume of 1.2ml. Packaged 100 per covered tray, with 500 per case. Dimensions: 12.5 x 12.5 x 45mm. Windows: 5 x 23mm. Light Path: 10mm. Shipping weight is 3.3 lbs.

302205-0002

VIS Semi-Micro Cuvettes

64.80 per case

Cuvettes, UV-VIS Range Semi-Micro, 1.5ml



Injection molded from a superior grade of methacrylate designed for accuracy throughout the VIS-UV spectral range from 285nm to 750nm. Excellent optical qualities throughout the spectral range make these cuvettes perfect for scanning small volumes, enzyme rate reactions, and standard curve determinations. Packaged 100 per covered tray, with 500 per case. Shipping weight is 3.1 lbs.

302225-0002

UV-VIS Semi-Micro Cuvettes

66.11 per case

Highest Quality

Extra advantages only from Dynalab... The extra advantage from Dynalab cuvettes is superior optical and surface qualities at economical prices. Affording your laboratory the convenience of disposable cuvettes, without sacrificing accuracy or precision of standard cuvettes. Disposable means you save time with no cleaning required, plus the extra safety advantage of preventing cross contamination. Dynalab uses the most technologically advanced toolmaking process. This means reduced dimensional tolerances to ensure the lowest variation of extinc-

Cuvettes...



Cuvettes, 4 Clear Sides Macro 4.5ml

Designed specifically for fluorometry, this is an excellent choice for nephelometry and spectrophotometry. A negligible variation in absorbance between the 4 optical sides allows readings from any side. The polystyrene cuvettes are accurate in the 340nm to 750nm visible spectral range. The methacrylate cuvettes are accurate throughout the 285nm to 750nm VIS-UV spectral range. Standard 1cm light path. Packaged 100 per covered tray, with 500 per case. Note: 4 Clear-Sided Cuvettes not sorted by nest numbers. Shipping weight for 202295 is 3.2 lbs and 3.4 lbs for 200285.

202295
202285

VIS Macro Cuvettes
UV-VIS Macro Cuvettes

56.71 per case
76.39 per case



Cuvettes, Visible Range Macro, 4.5ml

These exceptionally fine quality polystyrene cuvettes are designed for assays throughout the 340nm to 750nm visible spectral range. These specially designed cuvettes handle up to 4.5ml total volume with minimum filling volume of 2.5ml and a maximum of 4.5ml. Molded arrow indicates the direction of transmission for optimal signal and reproducibility. Packaged 100 per covered tray, with 500 per case. Dimensions: 12.5 x 12.5 x 45mm. Window: 10 x 35mm. Light Path: 10mm. Shipping weight is 4.4 lbs.

302195-0002

VIS Macro Cuvettes

52.02 per case



Cuvettes, UV-VIS Range Macro, 4.5ml

A superior grade of methacrylate provides an excellent degree of light transmission throughout the VIS-UV spectral range from 285nm to 750nm. These cuvettes are ideal for scanning, enzyme rate reactions (with small delta absorbances), and standard curve determinations. These cuvettes have a minimum filling volume of 2.5ml and a maximum of 4.5ml. Packaged 100 per covered tray, with 500 per case. Shipping weight is 4.2 lbs.

302235-0002

UV-VIS Macro Cuvettes

84.69 per case



Disposable Cuvettes Available

tion coefficient within the package. Each cuvette features an impression number, use cuvettes with the same impression number for optimal precision between samples. Each case consists of cuvettes with the same impression number. Dust-Proof Scratch Resistant Packaging...All cuvettes feature stackable trays with covers of expanded polystyrene (CFC-free) to meet today's manufacturing pollution standards. Unique tray packaging is easy to store and protects optical surfaces from scratches.

Cylinders



237735 - 237915

- ✓ 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)



239005 - 239075

Economy Molded Cylinders PP & PMP

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

ECONOMY MOLDED CYLINDERS POLYMETHYLPENTENE

	237735	237745	237755	237765	237775	237885	237895	237915
Capacity ml	10	25	50	100	250	500	1000	2000
Sub Divisions ml	0.2	0.5	1	1	2	5	10	20
Diameter mm	14	20	26	31	42	55	66	83
Height mm	140	170	200	250	315	360	440	535
Tolerance +/- ml	0.2	0.5	1	1	2	5	10	20
Shipping Weight lbs	0.58	0.84	1.18	1.0	1.5	2.4	1.9	3.3
Case Quantity	20	20	20	10	8	6	4	4
Case Price	71.90	84.03	106.76	63.92	63.82	63.38	52.56	129.38

ECONOMY MOLDED CYLINDERS POLYPROPYLENE

	239005	239015	239025	239035	239045	239055	239065	239075
Capacity ml	10	25	50	100	250	500	1000	2000
Sub Divisions ml	0.2	0.5	1	1	2	5	10	20
Diameter mm	14	20	26	31	42	55	66	83
Height mm	140	170	200	250	315	360	440	535
Tolerance +/- ml	0.2	0.5	1	1	2	5	10	20
Shipping Weight lbs	0.58	0.66	1.18	1.0	1.5	2.4	2.9	3.5
Case Quantity	20	20	20	10	10	8	6	4
Case Price	67.75	74.75	104.03	57.26	66.00	73.43	70.15	92.56

ECONOMY MOLDED POLYPROPYLENE CYLINDER SETS

	239085	-0000	-0001	-0002
Consists of Capacities ml	10, 25, 50, 100, 250, 500, 1000	10, 50, 100, 250, 500, 1000	10, 50, 100, 250, 500, 1000	10, 50, 100, 500, 1000
Shipping Weight lbs	1.3	1.27		1.0
Price Each	47.86	43.93		36.94



See Cylinder Drying Racks on pages 61-62

Conical Graduate PP

- ✓ Withstand temperatures to 121°C

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

CONICAL GRADUATE PP

	212205	212215	212225	212235
Capacity ml	100	250	500	1000
Height mm	120	160	180	270
Tolerance +/- ml	0.2	0.5	1	1
Shipping Weight lbs	1.8	2.0	2.4	3.0
Case Quantity	6	6	6	6
Case Price	33.00	52.12	53.44	111.02



Cylinders



Printed Cylinders PP & PMP

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

ECONOMY MOLDED CYLINDERS POLYMETHYLPENTENE

537805	-0010	-0025	-0050	-0100	-0250	-0500	-1000	-2000
Capacity ml	10	25	50	100	250	500	1000	2000
Sub Divisions ml	0.2	0.5	1	1	2	5	10	20
Diameter mm	14	20	26	31	42	55	66	83
Height mm	140	170	200	250	315	360	440	535
Tolerance +/- ml	0.2	0.5	1	1	2	5	10	20
Shipping Weight lbs	0.4	0.74	1.16	0.95	1.65	2.2	1.9	3.4
Case Quantity	20	20	20	10	8	6	4	4
Case Price	86.32	100.86	128.07	76.71	76.60	76.06	63.16	155.39

ECONOMY MOLDED CYLINDERS POLYPROPYLENE

537815	-0010	-0025	-0050	-0100	-0250	-0500	-1000	-2000
Capacity ml	10	25	50	100	250	500	1000	2000
Sub Divisions ml	0.2	0.5	1	1	2	5	10	20
Diameter mm	14	20	26	31	42	55	66	83
Height mm	140	170	200	250	315	360	440	535
Tolerance +/- ml	0.2	0.5	1	1	2	5	10	20
Shipping Weight lbs	0.4	0.74	1.16	0.95	1.65	2.2	1.9	3.4
Case Quantity	20	20	20	10	10	8	6	4
Case Price	81.41	89.71	124.79	68.73	79.23	88.18	84.14	111.13



537815 series

- ✓ 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)

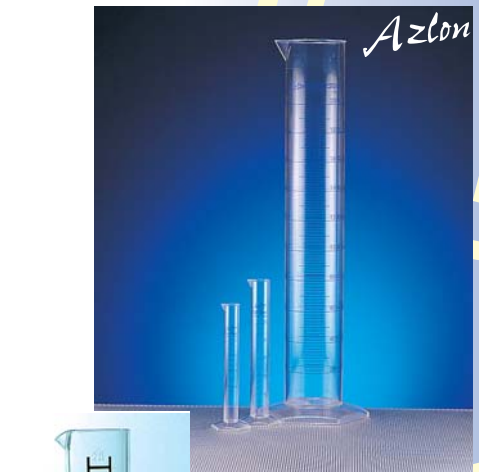
ISO 9001 Certified Graduated Cylinders PMP

- ✓ Accuracy is individually checked
- ✓ Complete with Certificate of Accuracy
- ✓ Safer, more economical than glass
- ✓ Shatter resistant - reduce breakage & incidence of injury!
- ✓ Chemically resistant to most acids, bases and many common solvents

Dynalon®, plastic, premium graduated cylinders are manufactured under strict control. Each cylinder is manually checked and marked with an "H" to confirm premium tolerance has been achieved. These cylinders are manufactured from virgin PMP (polymethylpentene) to provide window-clear transparency and outstanding chemical compatibility. PMP can be sterilized using all common methods including autoclaving*. Safety first...Plastic cylinders will not shatter like glass. They are the ideal replacement for glass cylinders in production environments where broken glass would contaminate production, i.e. food and beverage production, pharmaceutical, chemical and semiconductor industries. Replacement costs due to breakage are also greatly reduced. Each cylinder complete with certificate. *Repeated autoclaving will affect accuracy.

CERTIFIED GRADUATED CYLINDERS PMP

338005	-0010	-0025	-0050	-0100	-0250	-0500	-1000	-2000
Capacity ml	10	25	50	100	250	500	1000	2000
Sub Divisions ml	0.2	0.5	1	1	2	5	10	20
Diameter mm	16	21	28	34	47	61	76	97
Height mm	140	169	199	260	315	350	415	482
Tolerance +/- ml	0.2	0.5	1	1	2	5	10	20
Shipping Weight lbs	0.54	0.99	0.2	1.16	0.4	0.62	0.9	1.5
Case Quantity	12	8	8	6	6	4	4	2
Case Price	116.05	87.75	92.99	82.94	114.52	108.73	165.77	137.03



537805 series



Desiccators



143105



Hygrometer

Desiccator Cabinets Acrylic

For dry, dust-free storage at temperatures up to 120°F for use in incubators, freezers, refrigerators, or at room temperature. Cabinets have air-tight doors that need no lubrication. Sliding perforated shelves for easy access; transparent acrylic walls, for see-thru storage. A third bottom shelf accommodates desiccants. Cabinets also available with locks and Hygrometer. Hygrometer has a temperature range of -58° to 158°F with +/-1.8°F accuracy up to 104°F. Humidity range is 20 to 95% with +/-5% accuracy. LCD display. Includes 2 AAA batteries. Additional sizes available upon request.

DESICCATOR CABINETS ACRYLIC

	143105	143115	143105-0001	143115-0001
Description	Regular	Regular	With Hygrometer	With Hygrometer
Length inches	10	16	10	16
Width inches	7	9	7	9
Height inches	8 1/2	10 1/2	8 1/2	10 1/2
Shipping Weight lbs	8.75	14.5	9.0	14.8
Price Each	220.95	282.80	340.69	388.60

LOCKING DESICCATOR CABINETS ACRYLIC

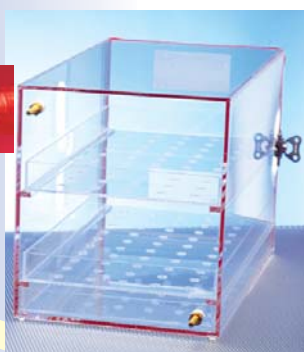
	143084	143094	143084-0001	143094-0001
Description	Regular	Regular	With Hygrometer	With Hygrometer
Length inches	10	16	10	16
Width inches	7	9	7	9
Height inches	8 1/2	10 1/2	8 1/2	10 1/2
Shipping Weight lbs	9.0	14.8	9.5	15.3
Price Each	268.67	316.55	386.12	434.01

Nitrogen Purge Cabinet Acrylic

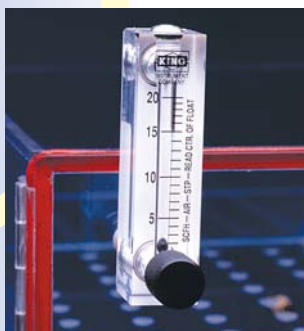
Simple, easy to use at temperatures up to 120°F for use in freezers, refrigerators, or at room temperature. Cabinets have air-tight doors that need no lubrication. Sliding perforated shelves for easy access; transparent acrylic walls, for see-thru storage. Cabinets also available with Flow Meters. Direct reading scale flow meters with control valve let you not only measure flow through the meter, but also make flow adjustments in the line. Acrylic, ethylene polypropylene and Type 316 stainless steel wetted parts. Flow range: 2-20 scfh with accuracy of +/-6%. Flow meter dimensions: 2" scale height x 4 1/8" overall height with mounting centers of 3". Additional sizes available upon request.

NITROGEN PURGE CABINETS ACRYLIC

	143134	143144	143134-0001	143144-0001
Description	Regular	Regular	With Flow Meter	With Flow Meter
Length inches	10	16	10	16
Width inches	7	9	7	9
Height inches	8 1/2	10 1/2	8 1/2	10 1/2
Shipping Weight lbs	9.25	15.0	9.75	15.5
Price Each	256.64	364.15	304.53	412.03



143134



Flow Meter

DYNALON'S DIAMOND LABWARE



This logo denotes the product lines that we feel truly demonstrate quality, ingenuity and value... the most popular items we have to offer!

Desiccators... Dippers

Desiccator and Desiccator Plates

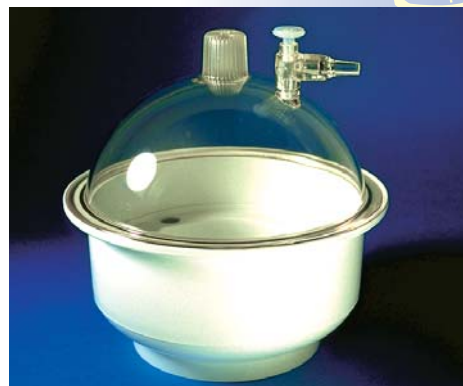
Unbreakable vacuum-desiccator holds a vacuum of 740 mm of mercury (29") for 24 hours. A neoprene "O" ring in groove of bottom section gives an excellent seal with upper section. The vacuum retention valve (not barbed) allows air to enter slowly to prevent damage to the samples inside. Removable pan holds calcium chloride or other drying agents and is non-corrosive.

DESICCATOR

	243025	243045	243065
Flange O.D. mm	171	234	285
Flange O/D/ inches	6 3/4	9 1/4	11 1/4
Inside Diameter mm	149	198	147
Inside Diameter inches	5 7/8	7 3/4	9 3/4
Overall Height mm	190	241	292
Overall Height inches	7 1/2	9 1/2	11 1/2
Takes Plate	256025	256045	256065
Shipping Weight lbs	3.6	TBA	12.0
Case Quantity	4	4	4
Case Price	58.23	205.43	284.55

DESICCATOR PLATES

	256025	256045	256065
Plate Diameter mm	141	190	239
Fits Desiccator Above	243025	243045	243065
Shipping Weight lbs	1.1	TBA	3.8
Case Quantity	10	10	10
Case Price	120.31	130.14	151.57



- ✓ Polycarbonate cover takes 8-10mm tubing
- ✓ Polypropylene base and plates



"Dippas™" Sterile PS

Sterile dippas enable samples of liquid or powder to be taken and sent for testing in the same container, eliminating risk of cross contamination. Once the sample has been taken the handle can be neatly snapped off. Available in clear polystyrene, in 30ml, 100ml and 250ml sizes. All dippas come individually wrapped and are guaranteed sterile by gamma irradiation. Blue polystyrene available on special order.

"DIPPAS™" STERILE PS

	-0030	-0100	-0250
507054			
Handle Length mm	200	385	330
Capacity ml	30	100	250
Cap Material	PP	METAL	METAL
Height mm	93.1	76.4	120.6
Diameter	30.1	50.5	65.1
Shipping Weight lbs	3.4	8.8	8.8
Case Quantity	50	100	50
Case Price	71.79	214.61	136.49



See Drum and Liquid Samplers on page 87

Dippers PTFE

Totally inert and non-contaminating. Extendible screw-in shafts have a steel core for rigidity and are fully encapsulated in PTFE. The basic unit consists of a beaker with a single 24" (600mm) shaft. Shipping weight for 307024-HAND is

DIPPERS PTFE

	-0100	-0250	-0500	-1000
307024				
Capacity ml	100	250	500	1000
Shipping Weight lbs	0.9	1.1	1.4	1.72
Price Each	92.56	102.94	124.35	161.39

307024-HAND

Replacement screw-on handle/extension for above dipper

58.80 each



Dippers... Dipping Baskets



Dippers HDPE

- ✓ Graduated
- ✓ 2 Pour spouts
- ✓ PVC hand grip
- ✓ 500ml & 1000ml beaker

High density polyethylene dipper for removing samples from large tanks. Lightweight but durable. Available in six popular sizes. *12-foot size supplied with 2-piece handle for economy in shipping and storage. Additional sizes available upon request.

DIPPERS HDPE

	107075	107085	107095	106505	106515	106525
Handle Length feet	3	6	12*	3	6	12*
Capacity ml	500	500	500	1000	1000	1000
Shipping Weight lbs	2	3.4	5	2.4	4.8	7.0
Price Each	26.01	37.59	75.84	38.24	46.23	77.58



Dipping Baskets with Tanks

Low density polyethylene tanks with covers and specially fabricated polypropylene dipping baskets with perforated bottom and sides to fit in tanks. Dipping baskets have strap handle.

DIPPING BASKETS WITH TANKS

	126164	126174	126184	126194
Tank Capacity gallons	3	4 1/2	6	10
Tank Top Diameter inches	11 1/2	12 1/2	13	15 1/2
Tank Bottom Diameter inches	9 1/2	10 1/2	11	13 1/2
Tank Height inches	11	10 1/2	16	18
Basket Diameter inches	8	9	9	11 1/2
Basket Height inches	8	10	13	17
Shipping Weight lbs	4.4	6.5	8.6	11.6
Price Each	164.25	187.30	198.01	254.72



Round Dipping Baskets HDPE/PP

HDPE fabricated dipping baskets are made with 1/8" thick walls, 3/16" diameter perforations on 5/16" centers. Made from high density polyethylene. Takes 140°F on a continuous basis or more for shorter periods (up to 160°F). Supplied with sturdy swinging handle—a unique feature allowing easy storage and loading. All have perforated bottoms. Polypropylene fabricated dipping baskets withstands 180°F on a continuous basis or up to 200°F for shorter periods. Excellent chemical resistance. Supplied with swinging handle. Perforations 1/8" diameter on 21/64" center.

ROUND DIPPING BASKETS HDPE

	146554	146564	146574	146584	146594
Diameter inches	6	8	8	10	12
Height inches	6	8	10	10	12
Shipping Weight lbs	1.2	2	2.8	3.5	4.2
Price Each	89.05	102.39	120.31	130.58	139.98

ROUND DIPPING BASKETS PP

	146604	146614	146624	146634	146644
Diameter inches	6	8	8	10	12
Height inches	6	8	10	10	12
Shipping Weight lbs	1.2	2	2.8	3.5	4.2
Price Each	99.44	106.21	120.31	122.50	147.08



- ✓ Sturdy swivel handle

Dipping Baskets

Mini Dipping Baskets PP

Autoclavable polypropylene basket is perfect for dipping very small parts. Excellent chemical resistance allows for use with acids. Continuous use temperature up to 180°C. Openings in mesh are .090" x .040" with 24% open area. Ring around top acts as a handle and works as a rest when used with tongs. Additional sizes available upon request.

MINI DIPPING BASKETS PP

	146534	146534
Diameter inches	4	4
Height inches	16	7
Shipping Weight lbs	1.5	0.6
Price Each	73.58	69.83



Rectangular Dipping Baskets HDPE

Fabricated of high density polyethylene with 1/8" thick walls, 3/16" diameter perforations on 5/16" centers. Convenient rectangular shape easily fits into standard tanks. Excellent for washing, pickling or dipping into corrosive liquids. Supplied with perforated bottoms and sides and solid ends. Additional sizes and/or solid bottoms available upon request.

RECTANGULAR DIPPING BASKETS HDPE

	146814	146824
Length inches	12	18
Width inches	8	12
Height inches	6	9
Shipping Weight lbs	3.6	7.2
Price Each	105.88	152.66



Rectangular Dipping Baskets PP & HDPE

Fabricated of either heat resistant polypropylene with 1/8" thick walls, 1/8" diameter perforations on 21/64" centers with 1/4" top and bottom support flange or fabricated of high density polyethylene with 1/8" thick walls, 3/16" diameter perforations on 5/16" centers. Convenient rectangular shape easily fits into standard tanks. Excellent for washing, pickling or dipping into corrosive liquids. Supplied with perforated bottoms and sides and solid ends. Polypropylene will withstand continuous use at 135°C; HDPE at 120°C. Additional sizes and/or solid bottoms available upon request.

RECTANGULAR DIPPING BASKETS PP

	146744	146764	146784	146804
Length inches	5	8	12	12
Width inches	8	10	12	18
Height inches	8	10	12	18
Shipping Weight lbs	3.8	4.2	5.4	8.8
Price Each	115.18	139.98	161.83	174.73

RECTANGULAR DIPPING BASKETS HDPE

	146664	146684	146704	146724
Length inches	8	8	12	12
Width inches	8	10	12	18
Height inches	8	10	12	18
Shipping Weight lbs	3.8	4.2	5.4	8.8
Price Each	105.67	113.97	150.36	158.33



- ✓ Sturdy swivel handle
- ✓ Perforated sides and bottoms

Dishes... Disposal Boxes



Dishes, Photographic White PVC

- ✓ Do not chip and are easily cleaned
- ✓ Accept standard photographic paper
- ✓ Ribbed with pouring lip

PHOTOGRAPHIC DISHES PVC

508145	-0001	-0002	-0003	-0004	-0005	-0006	-0007
Base Internal Length mm	185	230	260	300	420	510	650
Base Internal Width mm	127	170	200	250	320	425	520
Height mm	50	65	65	62	75	75	90
Shipping Weight lbs	0.27	0.34	0.47	0.7	1.0	1.1	2.8
Price Each	3.89	5.31	6.37	11.18	13.44	19.81	38.90



There are no replacement bags for Burn-Up™ Bin.
These boxes should be incinerated after use.

Disposal Boxes



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



GLASS DISPOSAL BOX

	797005	797015	797035
Description	Floor model	Bench model	Intermediate model
Length inches	12	8	12
Width inches	12	8	12
Height inches	27	10	20
Opening diameter inches	7	5	7
Shipping Weight lbs	15.4	5.4	12.2
Case Quantity	6	6	6
Case Price	43.27	28.95	43.27

BURN-UP™ BIN

	797025	797045	797065
Description	Floor model	Bench model	Intermediate model
Length inches	12	8	12
Width inches	12	8	12
Height inches	27	10	20
Opening diameter inches	7	5	7
Shipping Weight lbs	15.4	5.4	12.2
Case Quantity	6	6	6
Case Price	43.27	28.95	43.27

PLASTIC DISPOSAL BOX

	798015
Description	Floor model
Length inches	12
Width inches	12
Height inches	27
Opening diameter inches	7
Shipping Weight lbs	14.2
Case Quantity	6
Case Price	43.27



Draining Baskets... Drying Racks

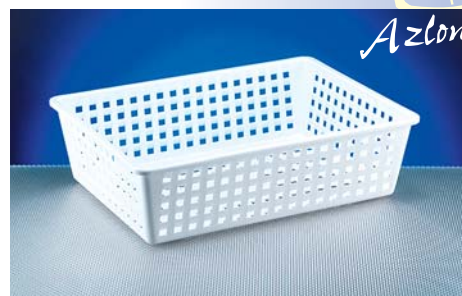
Draining/Cleaning Basket PP

- ✓ 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°
- ✓ Shipping weight is 3.12 lbs

546904

Draining Basket

63.92 pack of 4



Drying Stack-up Baskets PP

These functional baskets are molded and their uses are limited only by your imagination. Build a tower or use individually. May be stacked in the same or opposite direction. Each drying stack-up basket measures 12"D x 20 1/2"W x 7"H.

DRYING BASKETS

	470094	470114
Description	Stack-up Basket	Set of Four Casters
Pack Quantity	12	1
Shipping Weight lbs	10.4	0.5
Pack Price	180.41	13.44

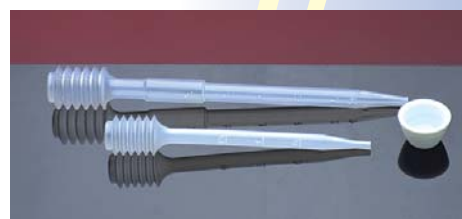


Droppers, Bellow-Type Bulb LDPE

One piece droppers are particularly useful for all applications where the risk of infection or toxicity prohibits mouth pipetting. Graduated to give an indication of the amount of liquid being drawn. Extremely easy-to-use bellows-shaped leakproof bulb provides excellent drop formation.

DROPPERS, BELLOWS-TYPE BULB LDPE

	262175	262185
Length mm	132.5	194
Stem Diameter mm	7	7
Capacity Draw ml	1.5	5.0
Case Quantity	100	100
Shipping Weight lbs	TBA	TBA
Case Price	19.05	18.03



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 eight pegs 110mm long and twenty four pegs 80mm in length
- ✓ Overall dimensions of the rack are 410 x 300mm
- ✓ Available in various options, plain with fixtures for screw fitting; with a polystyrene backboard; or with a polystyrene backboard and draining trough
- ✓ A free-standing version if the rack is available for bench top use

DRYING RACK EPOXY COATED

	-0000	-0001
Description	Rack only	Back board only
Shipping Weight lbs	2.28	1.9
Price Each	48.84	25.02

DRYING RACK EPOXY COATED

	-0003	-0005
Description	Rack with back board and trough	Rack with integral free-standing support
Shipping Weight lbs	4.0	2.21
Price Each	116.93	71.03



559165-0005

Drying Racks... Evaporating Dishes



"MEGA PEG" Drying Boards PP

Fabricated of 1/2" polypropylene, these drying racks are perfect for the high volume laboratory. Supplied in two standard sizes but can be fabricated to fit any space requirement. Each board is supplied with the appropriate number of 5" removable pegs with 8" and 12" pegs available as optional accessories. Handy tube drying basket (12"L x 8"W x 2"D) also available. Shelves, holders and bins available on a custom basis. Mounting holes drilled upon request. Please call our customer service department for a free quotation.



"MEGA PEG" DRYING BOARDS AND ACCESSORIES

	159104-0000	159114-0000
Description	72 place board	36 place board
Length inches	60	30
Height inches	36	36
Width w/out pegs inches	3	3
Shipping Weight lbs	40.00	TBA
Price Each	558.00	278.00

- ✓ Autoclavable Polypropylene
- ✓ Perfect for drying larger labware
- ✓ Drip tray with drain tube
- ✓ Optional draining basket
- ✓ Supplied with 5" removable pegs with longer pegs available
- ✓ Additional sizes and configurations available upon request

"MEGA PEG" DRYING BOARDS AND ACCESSORIES

159124	-0001	-0002	-0003	-0004
Description	5" pegs	8" pegs	12" pegs	tube drying basket
Shipping Weight lbs	0.4	TBA	TBA	0.7
Pack Quantity	12	12	12	1
Pack Price	14.00	15.50	17.00	54.60



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". Shipping weight approximately 9 lbs. per each rack.



DRYING RACK

	259184	259194
Description	Drying Rack	Bag of 11 Test Tube Pegs
Width inches	17	N/A
Height inches	24	N/A
Shipping Weight lbs	9.0	0.16
Price Each	177.03	14.42

Evaporating Dishes PTFE

Manufactured from pure PTFE with heavy wall. Supplied in either tall form or low form with pouring spouts. Inert and useable to 260°C. Smooth internal finish.



EVAPORATING DISHES - LOW FORM

355314	-0025	-0050	-0100	-0180	-0350	-0400
Height mm	10	13	16	19	34	36
Diameter mm	63	79	100	121	130	130
Capacity mm	25	50	100	180	350	400
Shipping Weight lbs	0.07	0.08	0.2	0.28	0.35	0.42
Price Each	10.82	13.56	20.32	25.13	35.95	41.63

EVAPORATING DISHES - TALL FORM

355304	-0025	-0050	-0100	-0150	-0180	-0250	-0350
Height mm	34	50	50	43	50	50	60
Diameter mm	38	40	64	78	80	97	100
Capacity mm	25	50	100	150	180	250	350
Shipping Weight lbs	0.05	0.07	0.18	TBA	0.4	TBA	0.34
Price Each	14.53	18.03	25.46	29.73	34.75	41.63	46.33



Examination Table... Flasks, Erlenmeyer



Examination Table HDPE

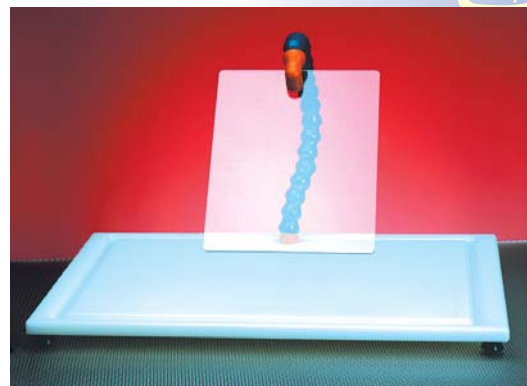
- ✓ Thick 3/4" HDPE construction
- ✓ Perimeter channel to contain liquids
- ✓ Includes BOTH splash shield as well as magnifier

Featuring an 18" swing arm attaching either a splash shield or magnifier which can swing out of the way not in use. Channel around perimeter of table helps contain liquids. Includes splash shield and magnifier as well as four easily adjustable leveling feet. Base dimensions: 16" W x 24" L x 3/4" H. Shipping weight is 13.0 lbs. Additional sizes available upon request.

116344

Examination Table

160.65 each



First EYD Station

- ✓ Emergency eye wash station with integral eye wash bottle

This station is molded of high-impact green polystyrene complete with polyethylene eye wash bottle. The unique bottle is designed to allow quick and immediate flushing to remove foreign matters and help prevent serious eye damage. The head has an air-vent valve to assure air refill of free space in the bottle thus preventing drawback of contaminated wash into the bottle. A perforated spray plate in the eye-cup breaks up the stream to give the eye a gentle wash. A drain tube releases used fluid. Maximum comfort and ease of use. Capacity of bottle is 500 ml (16 oz.).

FIRST EYD STATION

Description	205165 Eye Wash Station Complete	206175 Eye Wash Bottle Only 500ml (16 oz.)
Shipping Weight lbs	1.4	0.8
Case Quantity	5	5
Case Price	141.18	42.29



Erlenmeyer Flasks with Screw Closure PP

Translucent, wide mouth, flasks with polypropylene screw closures. Excellent chemical resistance. Flasks can also take stoppers.

ERLENMEYER FLASKS WITH SCREW CLOSURE PP

	341465	341475	341485	341495	341505
Capacity ml	50	100	250	500	1000
Cap Size mm	40	40	52	52	52
Stopper Size	34/35	34/35	45/50	45/50	45/40
Shipping Weight lbs	0.5	0.65	1.2	1.6	1.6
Case Quantity	6	6	6	6	4
Case Price	28.52	32.34	42.07	53.87	50.92



Erlenmeyer Flasks PP

Molded of chemically resistant, autoclavable polypropylene. Graduations are permanently molded into flask.

ERLENMEYER FLASKS PP

	241305	241325	241345	241365	241385
Capacity ml	50	125	250	500	1000
Shipping Weight lbs	0.35	0.87	0.58	0.66	0.54
Case Quantity	12	12	6	4	2
Case Price	50.05	54.20	35.40	33.88	23.17



Flasks, Erlenmeyer... Flasks, Volumetric

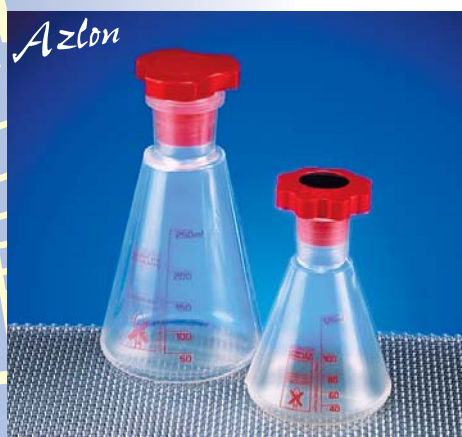


Erlenmeyer Flasks PP

- ✓ 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

ERLENMEYER FLASKS PP

541905	-0025	-0050	-0125	-0250	-0500	-1000
Capacity ml	25	50	125	250	500	1000
Cap Size mm	14/23	19/26	24/29	29/32	34/35	34/35
Base O.D. mm	42	56	72	84	107	130
Height w/out Stopper mm	67	90	101	140	158	198
Shipping Weight lbs	0.04	0.06	0.1	0.17	0.27	0.36
Price Each	8.09	8.75	9.29	9.62	11.47	14.65



Erlenmeyer Flasks PMP

- ✓ High clarity PMP Erlenmeyer flasks with tooled necks complete with Polypropylene stoppers
- ✓ Flask can withstand up to 180°C, stopper is autoclavable to 135°C
- ✓ Good chemical resistance
- ✓ Temperature characteristics and approximate graduations are indelibly printed in red

ERLENMEYER FLASKS PMP

541925	-0050	-0125	-0250	-0500
Capacity ml	50	125	250	500
Cap Size mm	19/29	24/29	29/32	34/35
Base O.D. mm	56	72	84	107
Height w/out Stopper mm	90	101	140	158
Shipping Weight lbs	0.06	0.08	0.15	0.25
Price Each	10.60	11.59	12.45	14.00



Volumetric Flasks PP

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

VOLUMETRIC FLASKS PP

541595	-0025	-0050	-0100	-0250	-0500
Capacity ml	25	50	100	250	500
Neck Size	10/19	14/23	24/23	19/26	19/26
Base O.D. mm	39	48	62	78	96
Shipping Weight lbs	0.2	0.3	0.5	0.75	0.9
Case Quantity	5	5	5	5	5
Case Price	43.17	42.84	45.78	66.22	68.30

Flasks, Volumetric... Forceps

Volumetric Flasks with Screw Closure PMP

Transparent polymethylpentene (PMP) with class B individually calibrated ring markings. Supplied with polypropylene screw closure. Autoclavable. Maximum use temperature 180° C.

VOLUMETRIC FLASKS PMP

341585	-0025	-0050	-0100	-0250	-0500	-1000
Capacity ml	25	50	100	250	500	1000
Height mm	115	150	180	235	270	310
Screw Cap mm	18	18	18	18	18	18
Shipping Weight lbs	0.26	0.34	0.52	0.69	0.81	1.16
Case Quantity	6	6	6	5	4	3
Case Price	66.00	74.30	82.61	84.47	80.59	76.39



Volumetric Flasks with Screw Closure PFA

High transparency, individually calibrated ring markings and supplied with PFA screw closures. Screw closures provide hermetic seal and safety from outside contamination. Withstands high temperatures (270°C) and has outstanding chemical resistance. Leakproof.

VOLUMETRIC FLASKS PFA

	341524	341534	341544	341554	341564
Capacity ml	25	50	100	250	500
Height mm	115	150	180	235	270
Shipping Weight lbs	0.07	0.09	0.12	0.22	0.32
Price Each	107.64	122.60	138.77	187.30	213.95



Flask Stand PP

This autoclavable ribbed stand supports round bottom flasks that contain up to 10 liters. May be stacked to save space or add height. Dimensions approximately 6 3/4" diam. x 2" high. Shipping weight is 2.07 lbs.

240025

Flask Stand

64.80 pack of 5



Forceps - Tweezers PTFE

Totally inert and non-contaminating. Suitable for use up to 260°C.

SQUARE END FORCEPS - TWEEZERS PTFE

316504	-0000	-0001	-0002
Length mm	100	150	200
Shipping Weight lbs	0.048	0.10	0.22
Price Each	27.76	33.33	37.59

SHARP END FORCEPS - TWEEZERS PTFE

316514	-0000	-0001	-0002
Length mm	100	150	200
Shipping Weight lbs	0.05	0.10	0.19
Price Each	27.76	33.33	37.59



Forceps... Funnels



Forceps - Tweezers PMP

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

FORCEPS - TWEEZERS PMP

516555	-0001	-0002	-0003	-0004
Color	White	White	Yellow	Yellow
Ends	Sharp	Sharp	Sharp	Round
Length mm	115	145	180	250
Shipping Weight lbs	0.04	0.08	0.09	0.45
Case Quantity	6	6	6	6
Case Price	15.30	20.87	35.40	58.02



Mini Funnel PP

✓ 1 oz. Capacity

Mini-Funnel has numerous lab and industrial applications. Molded of autoclavable polypropylene. Ideal for micro work, filling small containers and bottles, burettes, etc.

MINI FUNNEL PP

	412375
Top I.D. mm	37
Stem Length mm	23
Shipping Weight lbs	0.2
Case Quantity	48
Case Price	37.04



Analytical Funnels PP

Made of autoclavable polypropylene. These funnels have long, narrow bore that works best for liquids. Maximum temperature for polypropylene is 120°C.

ANALYTICAL FUNNELS PP

	241605	241625	241645	241665	241685	241705	241725	241745
Top O.D. mm	35	45	65	80	100	120	150	180
Stem Length mm	37	43	63	68	80	85	113	140
Stem I.D. mm	3	3	7	8	8	9	11	11
Shipping Weight lbs	0.63	1.2	2.28	4.1	7.8	10.5	4.75	5.7
Case Quantity	100	100	100	100	50	50	25	25
Case Price	141.40	155.06	191.45	271.22	182.82	202.48	209.91	241.16



General Purpose Funnels PP

Sturdy break resistant funnels withstanding up to 121°C. Suitable for use with liquids or powders.

GENERAL PURPOSE FUNNELS PP

542565	-0035	-0065	-0090	-0115	-0140	-0165	-0200
Top I.D. mm	35	65	90	115	140	165	200
Stem Length mm	4	7	9	11	12	15	20
Overall Height mm	64	67	138	170	201	221	277
Shipping Weight lbs	0.07	0.18	0.42	0.38	0.51	0.19	0.26
Case Quantity	10	10	10	5	5	1	1
Case Price	10.93	16.28	27.21	34.75	43.27	14.24	20.87

GENERAL PURPOSE FUNNEL SET PP

542565	-0SET
Contains funnels mm	65, 90 & 115 (2 each)
Shipping Weight lbs	0.27
Set Price	23.71

Funnels

Lightweight Funnels HDPE/PP

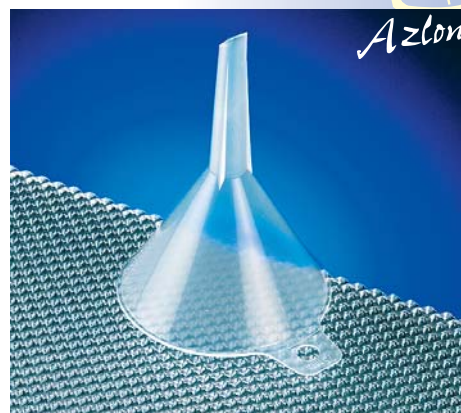
Economically priced funnels with ribs which prevent air lock and speed filtration. The two smallest sizes are HDPE, the remainder are polypropylene.

LIGHTWEIGHT FUNNELS

542365	-01	-02	-03	-04	-05	-06	-07	-08
Material	HDPE	HDPE	PP	PP	PP	PP	PP	PP
Top I.D. mm	30	30	40	50	75	100	120	150
Stem O.D. mm	2	5	5	9	10	13	14	17
Overall Height mm	45	45	62	78	107	149	170	210
Shipping Weight lbs	0.02	0.02	0.04	0.11	0.24	0.55	0.4	0.77
Case Quantity	10	10	10	10	10	10	5	5
Case Price	8.75	8.96	10.60	13.00	15.74	27.76	18.25	27.21

GENERAL PURPOSE FUNNEL SET PP

542365	-0SET
Contains funnels mm	50, 75, 100 & 125 (1 each)
Shipping Weight lbs	0.17
Set Price	7.09



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 has a very large throat opening.

UTILITY FUNNELS

412334	-0001	-0002	-0003	-0004	-0005	-0006
Material	PP	PP	PP	HDPE	HDPE	HDPE
Holding capacity oz	2	4	8	16	32	64
Top Diameter mm	70	89	108	127	162	203
Height mm	70	102	121	146	178	203
Shipping Weight lbs	TBA	1.17	1.41	1.8	2.0	3.0
Case Quantity	36	36	24	24	12	12
Case Price	36.49	42.72	42.29	60.53	62.5	84.69



See Funnel Drying Racks on pages 61-62

Funnels HDPE

These funnels are ideal for many applications in the laboratory and industry. Upper portion of funnel is straight sided, helps prevent spill-over. Maximum temperature for HDPE is 110°C.

FUNNELS HDPE

	212105	212115	212125	212135	212145	212155	212165
Inside I.D. mm	100	120	140	180	220	260	310
Stem Length mm	39	48	54	72	84	90	106
Opening at Bottom mm	8	9	10	14	17	18	23
Shipping Weight lbs	1.0	1.2	1.6	3.6	4.2	6.0	8.0
Case Quantity	24	24	18	18	12	12	12
Case Price	41.63	53.54	58.90	102.39	85.67	126.32	175.82



Funnels... Funnels, Buchner



Powder Funnels PP

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

POWDER FUNNELS PP

342555	-0065	-0080	-0100	-0120	-0150
Top I.D. mm	65	80	100	120	150
Stem Diameter mm	16	22	23	27	29
Overall Length mm	68	75	94	110	138
Shipping Weight lbs	0.54	0.78	1.05	1.71	2.16
Case Quantity	30	30	30	30	20
Case Price	49.73	66.65	78.13	91.35	80.97

POWDER FUNNEL SET PP

342555	-0SET
Contains funnels mm	65, 100 & 150 (2 each)
Shipping Weight lbs	0.32
Set Price	21.09



342345 & 342355



412365 series

Large Funnels HDPE/LDPE

Large funnels made of polyethylene. Designed for transferring liquids. 412365-0008 funnel has external ribbing for air release; 412365-0011 has both internal and external ribbing. Maximum temperature for LDPE is 80°C and HDPE is 110°C.

LARGE FUNNELS HDPE/LDPE

	342345	342355	412365-0008	412365-0011
Material	HDPE	HDPE	LDPE	LDPE
Top O.D. inches	13 1/8	16	7 5/8	12 1/4
Outlet I.D. inches	1.25	1.30	0.56	0.63
Height inches	11 7/8	14	9 1/2	11 1/2
Stem inches	5	4 7/8	3 5/8	3 1/8
Shipping Weight lbs	3.8	3.0	3.0	3.2
Case Quantity	4	2	6	2
Case Price	166.53	139.98	68.07	50.05



See Beta Liquid Waste Box on page 16 for use with various Dynalon funnels.

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.

BUCHNER FUNNELS PP

242835	-042	-055	-070	-090	-110	-150	-240
Filter Paper Size mm	42.5	55	70	90	110	150	240
Shipping Weight lbs	1.16	0.98	1.18	1.61	2.3	TBA	4.8
Case Quantity	12	8	6	4	4	4	2
Case Price	56.93	50.92	47.54	44.48	76.82	109.27	140.42



Funnels, Buchner... Funnel Support



Buchner Funnels, PTFE

Fabricated of PTFE, these funnels are unbreakable, resistant to corrosion, heat, cold and easily separated for cleaning. Can be used without risk with Erlenmeyer flasks. Optional disks for funnels sold below. Great to replace glass or porcelain funnels. Additional sizes are available upon request.

NEW

BUCHNER FUNNEL, PTFE

342854-0090

Inside I.D. mm	95
Stem Length mm	76
Shipping Weight lbs	1.5
Price Each	251.32

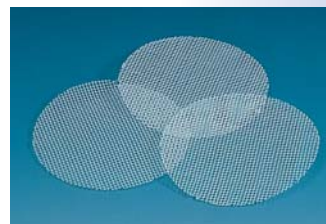


Discs for Buchner Funnels HDPE

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 950 x 700 microns.

DISCS FOR BUCHNER FUNNELS HDPE

242845	-042	-055	-070	-090	-110	-150	-240
Filter Paper Size mm	42.5	55	70	90	110	150	240
Shipping Weight lbs	0.06	0.07	0.08	0.31	0.16	0.3	TBA
Case Quantity	50	50	50	50	50	50	50
Case Price	38.79	41.96	43.60	46.88	50.38	59.88	80.64



Hazardous Materials Safety Funnel

The self-closing hazardous materials funnel is designed for use in research labs, testing labs, teaching and clinical labs, and wherever hazardous materials and waste chemicals are processed. Its durable polypropylene construction permits the use of acids, bases, chloroform and other common lab solvents, and most organics. Team up with our Hazardous Chemical Bottle Pourer (310374 series on page 40) for the ultimate in hazardous chemical handling and disposal. The funnel also incorporates a filter system which allows the removal of any unwanted by-product (filter media, plant material, etc.). The funnel uses standard 10-cm. filter paper making it convenient to use the filter option with a light vacuum. Available in standard 38 and 45mm thread sizes but additional sizes are available upon request.

NEW

HAZARDOUS MATERIALS SAFETY FUNNEL

108204	-0000	-0001
Neck Size mm	38	45
Shipping Weight lbs	0.9	0.9
Price Each	98.75	98.75



Separatory Funnel Support PP

Polypropylene support for separatory funnels are molded in one piece. Chuck fits rods having diameters from 8mm to 14mm. Shipping weight is 0.65 lbs.

264645

Separatory Funnel Support

75.73 pack of 6



Glass Joint Sleeves... Hydrometer Rack



Reusable Teflon Joint Sleeves

Unique manufacturing process permits superior quality Teflon® joint sleeves at unbelievably low prices. Price permits disposability! Elongated cones of micro-thin virgin PTFE film tapered to fit snugly around glass joints. Approximately 0.05 mm (0.002") thick with taper of approximately 1.10 on diameter. Eliminates the need for lubrication and frozen, leaky ground joints. Can be used over a temperature range of -75° to +260° C. Additional sizes available upon request.

REUSABLE TEFLON JOINT SLEEVES AT DISPOSABLE PRICES

	362595	362605	362675	362615	362625	362635	362645
Standard Taper Size	7/25	10/30	12/30	14/35	19/38	24/40	29/42
Shipping Weight lbs	0.012	0.012	0.012	0.012	0.012	0.012	0.012
Pack Quantity	6	6	6	6	6	6	6
Pack Price	18.25	18.25	18.80	18.80	19.37	20.87	21.53

REUSABLE TEFLON JOINT SLEEVES AT DISPOSABLE PRICES

	362655	362685	362665	362695	362705	362715
Standard Taper Size	34/45	40/50	45/50	50/50	55/50	60/50
Shipping Weight lbs	0.012	0.012	0.012	0.012	0.012	0.012
Pack Quantity	6	6	6	6	6	6
Pack Price	24.37	27.65	28.74	33.76	38.90	46.23

Hydrometer Jar - Cylinder PP

Translucent polypropylene 500 ml cylinder with overflow cup. Molded graduations. Overall dimensions: 1" I.D. x 12" high (38 x 305mm). Base is 4 1/4" (108 mm) in diameter. Additional sizes available upon request.

141805

Hydrometer Jar - Cylinder

31.91 each



See additional cylinders on pages 54-55



Hydrometer Racks PP

These 18 place polypropylene racks are specially designed to safeguard glass hydrometers. The three tiered rack with handles allows easy transport and storage of hydrometers. Top two plates have 1" diameter holes while the bottom plate has wells which taper from 1" to 3/8". Additional sizes available upon request.

HYDROMETER RACKS PP

	103215	-0000	-0001
Description		Tall	Short
Plate Height inches		7	5 3/8
Length inches		8 1/4	8 1/4
Width inches		8 1/2	8 1/2
Height inches		9 7/8	9 7/8
Shipping Weight lbs		2.0	TBA
Price Each		56.60	56.60



103215-0000

Imhoff... Kimwipe Dispenser

Imhoff Cone Rack HDPE

Heavy duty welded construction of rigid, high-density polyethylene to support four Imhoff Cones. Cones can be easily read with minimum interference due to design of racks. Dimensions are approximately 15 1/2" x 8" x 14 7/8" high. Shipping weight is 5.6 lbs. Additional sizes available upon request.

140344

Imhoff Cone Rack

119.21 each



Imhoff-Type Sedimentation Cone SAN

Unbreakable transparent and molded of styrene-acrylonitrile. Leakproof screw closure at tip for easy withdrawal of sediment and ease in cleaning. Molded graduations in the following divisions up to 1000 ml: 0-2 ml in 1/10 ml, 2-10 ml in 1/2 ml, 10-40 ml in 1 ml, 40-100 ml in 2 ml and 100-1000 ml in 50 ml. Top diameter approx. 4 7/8" x 19 7/8" high. Shipping weight is 2.4 lbs.

340295

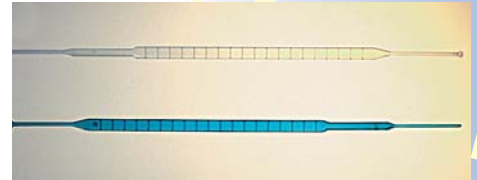
Imhoff Cone

107.64 pack of 3



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.



INOCULATING LOOPS AND NEEDLES PS

	226505	226515
Color	Blue	Clear
Capacity µl	10	1
Quantity Per Bag	20	20
Shipping Weight lbs	2.2	2.1
Case Quantity	1000	1000
Case Price	67.31	67.31

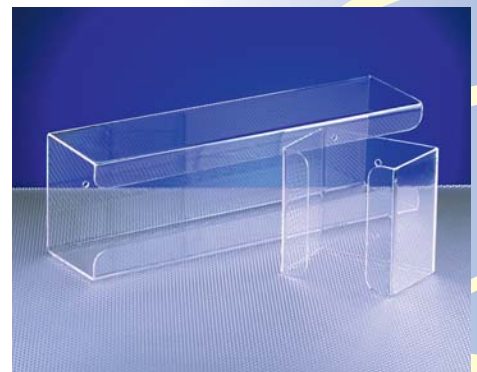


Kimwipe Dispenser

Acrylic clear holder adds extra weight for one-hand dispensing of Kimwipes. Wall or bench mount with either two strips of double sided tape or mounting screws (not included). For small and large Kimwipe boxes.

KIMWIPE DISPENSER

	176224	176234
Holds Kimwipe Box Size	Small	Large
Length inches	8 1/2	17
Width inches	4 1/2	15
Shipping Weight lbs	0.54	1.68
Price Each	10.71	13.56



Matting, Benchtop



Slip-Stop Matting



- ✓ Put an end to slips and messy mishaps anywhere

Slip Stop is an inventive new product with numerous uses ranging from the laboratory to your pet's food dish! End unnecessary slips with one small piece! Slip Stop mats hold objects firmly in place without the need for permanent fixing or clamps. This contributes to safety by reducing breakages and easing stress at the workbench. In laboratories, Slip Stop can be used on shakers and stirrers to hold flasks, test tubes etc. safe and secure without the need for clamps. The mats can also be used to provide added product stability and safety for your valuable instruments. On workbenches, Slip Stop will hold components and tools, making it easier to work on them and preventing dropping and spillage, thus reducing accidents, fatigue and loss of small components. Used in conjunction with robots and mechanical handling systems, Slip Stop enables accurate location and presentation of components and enhance grip. Cleaning is as easy as washing your hands! Wash with a mild detergent and warm water then let drip dry for a good as new mat. Store at ambient temperatures up to 122°F and keep from freezing. Each 6" x 16" x 1/32" piece can be cut (with the coating on) to any size you desire for smaller applications. Additional sizes available upon request.

SLIP-STOP MATTING

404154-0000

Width inches	16
Length inches	6
Thickness inches	1/32
Shipping Weight lbs	0.025
Price Each	5.88



BenchGuard™ "Totally Absorbing"



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, the competition absorbs 274ml or less! 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.

BENCHGUARD™

504314	-0001	-0002	-0003	-0004
Description	Roll dispenser	Extra absorbent dispenser	Wallet	Extra absorbent wallet
Size meters	50	50	50	50
Width cm	49	49	49	49
Shipping Weight lbs	8.2	8.6	4.2	4.6
Price Each	105.23	139.00	60.43	69.06

Ribbed Matting

- ✓ For lining shelves, drawers or use as a floor liner
- ✓ 5 times as thick as normal shelf/drawer liner
- ✓ Ribs hold dirt and spills

Clear polyethylene ribbed matting. Perfect floor liner goes down quickly and lies flat. Ribs hold dirt until it can be wiped away. As a shelf and drawer liner, heavy weight matting is five (5) times as thick as normal shelf liner. Easily cut with regular scissors but it won't tear! Also useful under drums or carboys. Heavy weight matting .036" thick with ribs.

RIBBED MATTING

404225	-0001	-0004
Width inches	30	30
Weight lbs	13	26
Case Quantity feet	50	100
Shipping Weight lbs	13.4	25
Case Price	69.39	110.15



Melting Point Apparatus



Melting Point Apparatus

- ✓ Simple and safe to operate
- ✓ Fast, accurate results
- ✓ Easy to clean
- ✓ Economical price
- ✓ Digital display of temperature

NEW

The SMP10 Melting Point uses digital temperature sensing and display rather than a traditional mercury thermometer, making it more accurate, safer and easier to use. The SMP10 makes melting point determination simple and fast, and comes at a budget price making it the ideal tool for both educational and research applications.

Illuminated viewing

Viewing the melting point is via a lens with clear observation aided by built-in illumination. Two samples can be tested simultaneously. The viewing cover can be removed so that the block can be thoroughly cleaned and the bulb changed.

Folding feet

Extendible feet allow the unit to be operated at the optimum viewing angle. When not in use, the feet fold away to make the unit easy to store.

Easy instructions

For ease of use, instructions are printed directly onto the fascia. This means that the user can quickly learn to operate the apparatus thus saving time. The SMP10 comes with stick on instructions in English, French, German, Italian, Spanish, and Portuguese.

Protective screen

The block is positioned behind a protective screen so nothing can be touched. The innovation design means that the block heats up and cools down very quickly. Since glass capillary tubes can get broken during melting point determinations, the SMP10 block is open at both ends so broken tubes can be simply pushed out, clearing any blockages quickly.

Intuitive controls

The SMP10 controls are intuitive and a plateau facility allows the melting point to be reached both quickly and accurately. A large, clear LED display makes reading the temperature easy. These LED indicator lights on the fascia tell the user what the SMP10 is doing at any time making operation very simple.

MELTING POINT APPARATUS

	SMP10/120V/60
Number of samples	Two
Temperature range	Ambient to 300°C
Temperature resolution	1°C
Temperature accuracy	±1% of display temperature
Display	Three digit LED
Sensor	PT100
Ramp rates	20°C per min to plateau 2°C per min to melt
Dimensions (W x D x H)	160 x 220 x 170 cm
Shipping Weight lbs	4
Price Each	761.46



Melting Point Apparatus



Let Dynalab surprise you with our abilities to meet your custom needs... see pages 124 and 125

CUSTOM PLASTIC FABRICATION

Mercury Collector... Pails



Mercury Collector

To collect Mercury, accidentally spilled, remove lid and foam pad from the container and press the lid with the pad firmly against the surface on which the Mercury has been spilled. The pressure applied will open the cells in the foam pad so that the individual globules can be recovered. Once pressure is released the cells will close and the lid can then be screwed back on. The pressure created by closing the container is sufficient to reopen the cells and to release the Mercury which will then collect at the bottom of the container. Pads can be replaced and glued on. One replacement pad comes with the container.

MERCURY COLLECTOR

	307235	307245
Description	Mercury collector	Replacement pads
Shipping Weight lbs	0.3	0.01
Pack Quantity	1	3
Pack Price	18.68	2.73



490844-490874



107165-107195

Paddles, Stirring HDPE

High density polyethylene paddle and handle. Small size paddle is for use in stirring small volumes or for chemical mixing in photographic work. The larger size paddles are excellent for mixing liquids in large tanks or vats. Additional sizes available upon request.

STIRRING PADDLES

	107165	107185	107195
Description	Small	3 Foot	6 Foot
Paddle dimensions inches	2 x 3	3 x 6	3 x 6
Handle diameter inches	1/2	1	1
Handle length inches	20	36	72
Shipping Weight lbs	0.68	TBA	2.4
Pack Quantity	4	4	1
Pack Price	55.07	115.72	38.79

Paddles, Scraping Nylon®

Nylon® paddle scraper with plastic handle that will not scratch glass.

SCRAPING PADDLES

	490844	490874
Description	Firm blade	Soft blade
Paddle dimensions inches	4 1/2 x 7	4 1/2 x 7
Handle length inches	40	40
Shipping Weight lbs	0.88	0.86
Price Each	46.88	43.27

Heavy Duty Pail HDPE

Fabricated entirely from high density polyethylene, this 4 gallon pail is suitable for use with most acids and other corrosive liquids. The pail has a large spout and strong handle. Graduation marks are attached to the outside of pail in approximately one gallon and liter increments. Dimensions: 11"H x 14" Top Ø x 10.5" Bottom Ø. Wall thickness .090" Shipping weight is 3.4 lbs.



113074

Heavy Duty Pail

92.56 each

Pails

Pails PP

Unique natural polypropylene buckets. Able to withstand a large range of corrosives. Graduated in one liter increments. Autoclavable.

PAILS PP

313175	-0012	-0015
Capacity liters	12	15
Capacity gallons	3	3.42
Top O.D. inches	12.16	12.16
Bottom O.D. inches	7.25	8
Height inches	12	13.6
Shipping Weight lbs	6.2	7.6
Pack Quantity	4	4
Pack Price	139.76	175.82



Pails with Cover HDPE

- ✓ Tight fitting snap-on covers
- ✓ Suitable for use with food

Heavy-duty pails, molded of high density polyethylene. Rigid construction. Steel bail handle with plastic hand grip. Snap-on cover is included.

PAILS WITH COVER HDPE

	413015	413035	413045	413065
Capacity quarts	4	8	12	16
Top O.D. mm	211	246	266	273
Height mm	186	236	254	329
Shipping Weight lbs	3.8	6.6	8.6	10.8
Pack Quantity	6	6	6	6
Pack Price	38.90	62.50	71.25	111.46



5 Gallon Pail HDPE

This pail features double wall and horizontal ribs on edging for diametrical strength. The sturdy bail handle made of galvanized steel. Tapered body allows nesting for a 75% space-saving in storage and shipping. May be ordered with or without tight fitting cover.

5 GALLON PAIL HDPE

	413124	413144
Description	Without cover	With cover
Bottom O.D. inches	13.2	13.2
Height inches	14.4	14.4
Shipping Weight lbs	1.4	1.6
Pack Quantity	4	4
Pack Price	62.07	68.52



Screw Top Pails HDPE

- ✓ Locks and re-locks

Features tough construction that won't buckle even when stacked. Meets EPA and FDA regulations. Designed for dry or liquid contents.

SCREW TOP PAILS HDPE

	413504	413514	413534	413544	413554
Capacity gallons	1	2	3.5	5	6
Top I.D. inches	7.5	9.02	11.25	11.25	11.25
Bottom I.D. inches	6.63	8.26	10.26	10.26	10.26
Height inches	7.94	9.10	10.87	14.53	17.00
Shipping Weight lbs	4.4	7.8	14.2	12.4	14.0
Pack Quantity	6	6	6	4	4
Pack Price	60.43	90.26	108.29	76.82	82.17



Parafilm Dispensers... Petri Dish Stands



Parafilm® Dispenser/Cutter

Acrylic dispenser provides dust-free storage and serrated cutting surface for easy dispensing of 4" Parafilm® rolls. The smoke colored acrylic helps prevent film from yellowing and is easy to clean.

PARAFILM® DISPENSER/CUTTER

	176205	176215
Description	Clear Acrylic	Smoke Acrylic
Length inches	6 3/8	6 3/8
Width inches	5 1/8	5 1/8
Height inches	5 3/4	5 3/4
Shipping Weight lbs	2.2	2.2
Price Each	94.85	94.85

Sterilin



Petri Dishes - Sterile PS

- ✓ Manufactured under strict aseptic conditions
- ✓ Dishes available standard and colored

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.

100mm Petri dishes conform to BS 611 Part II, which involves stringent control of rigidity, thermal resistance, stackability and dimensional consistency. Amber, red, and blue petri dishes are made using cadmium free colorants. These petri dishes are ideal for identifying different batches of work. The dimensional consistency of these dishes makes them the first choice for use with automatic plate pourers.

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. All cardboard used is of recycled grade.

PETRI DISHES - STERILE

502014	-0001	-0002	-0003	-0004	-0005	-0006
Size mm	100	100	100	100	100	100
Color	Clear	Clear	Clear	Amber	Blue	Red
Vents	None	Single	Triple	Triple	Triple	Triple
Base Diameter mm	89.25	89.25	89.25	89.25	89.25	89.25
Height mm	15.8	16.2	16.0	16.2	16.2	16.2
Shipping Weight lbs	20.4	20.4	20.4	20.4	20.4	20.4
Case Quantity	500	500	500	500	500	500
Case Price	72.88	72.88	72.88	76.16	76.16	76.16

Sterilin



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. The stands are available in three different colors for easy batch coding.

PETRI DISH STAND, EPOXY COATED

503175	-0001	-0002	-0003
Color	White	Red	Blue
Shipping Weight lbs	0.87	0.87	0.87
Pack Quantity	4	4	4
Pack Price	53.82	53.82	53.82

Azlon





Disposable Pipettes PS - Sterile

Crystal grade polystyrene is used for consistency in manufacture and maximum clarity, with easy to read crisp black printed graduations enabling the pipettes to be used accurately to $\pm 1\%$. Sterility is guaranteed by gamma radiation at a license holding irradiation plant, which follows the relevant recommendations in the DHSS Guide to Good Manufacturing Practice for Sterile Medical Devices and Surgical Products. Sterilin pipettes are tested for pyrogenicity, and have a pyrogen level of less than 0.25 EU/ml.

PIPETTES PS - STERILE

502754	-0001	-0002	-0003	-0004	-0005
Size ml	1	2	5	10	25
Suction Adapter	No	No	Yes	No	Yes
Overall Length mm	279	279	298	302	349
Packaging	Single Wrap	Single Wrap	Single Wrap	Single Wrap	Single Wrap
Graduations ml	0.01	0.01	0.1	0.1	0.2
Type	Standard	Standard	Standard	Standard	Standard
Adapter Diameter mm	4.8	5.0	8.0	7.4	7.9
Shipping Weight lbs	5.0	4.4	4.4	14.8	8.4
Pack Quantity	100	100	50	50	25
Case Quantity	500	500	200	500	200
Case Price	60.21	61.08	51.80	138.77	126.54

PIPETTES PS - STERILE

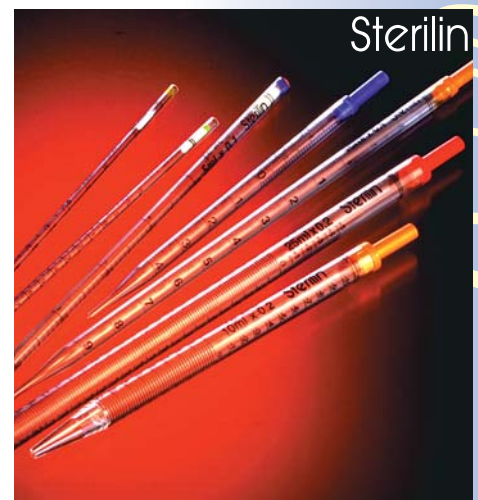
502754	-0006	-0007	-0008	-0009	-0010
Size ml	50	1	2	5	10
Suction Adapter	Yes	No	No	Yes	Yes
Overall Length mm	341	279	279	298	302
Packaging	Single Wrap	Bulk	Bulk	Bulk	Bulk
Graduations ml	1.0	0.01	0.01	0.1	0.1
Type	Standard	Standard	Standard	Standard	Standard
Adapter Diameter mm	7.4	4.8	4.8	8.0	7.4
Shipping Weight lbs	3.3	4.6	3.8	4.4	14.8
Pack Quantity	50	25	25	25	25
Case Quantity	50	500	500	200	500
Case Price	65.89	56.28	58.57	51.80	134.62

PIPETTES PS - STERILE

502754	-0011	-0012	-0013	-0014	-0015
Size ml	5	10	5	10	1.1
Suction Adapter	No	No	Yes	Yes	No
Overall Length mm	226	232	275	302	279
Packaging	Single Wrap	Single Wrap	Single Wrap	Single Wrap	Bulk
Graduations ml	0.1	0.2	0.1	0.1	0.5
Type	Shortie	Shortie	Narrow Orifice	Narrow Orifice	Milk
Adapter Diameter mm	7.4	8.0	8.0	7.4	4.8
Shipping Weight lbs	4.4	6.2	4.6	15.8	4.4
Pack Quantity	50	50	200	500	25
Case Quantity	200	200	200	500	500
Case Price	96.00	178.66	51.80	138.77	45.30

PIPETTES PS - STERILE

502754	-0016	-0017	-0018	-0019	-0020
Size ml	2	5	10	5	10
Suction Adapter	No	No	Yes	No	No
Overall Length mm	279	298	333	298	302
Packaging	Bulk	Bulk	Single Wrap	Bulk	Bulk
Graduations ml	1.0	0.1	0.1	0.1	0.1
Type	Milk	Standard	Standard	Standard	Standard
Adapter Diameter mm	5	8.00	7.40	8.0	10.7
Shipping Weight lbs	2.42	4.84	15.4	3.74	15.4
Pack Quantity	25	100	50	25	25
Case Quantity	500	200	500	200	500
Case Price	46.02	30.30	92.68	35.70	88.74



- ✓ Sterility guaranteed by gamma irradiation
- ✓ Excellent accuracy, better than $\pm 1\%$
- ✓ Crystal grade polystyrene for improved clarity
- ✓ Easy-open color-coded tear strips
- ✓ Ascending and descending graduations for accurate pipetting
- ✓ Drawn tips allow every drop to drain freely
- ✓ Special products manufactured to customer specifications

Manufactured within
ISO 9002
accredited quality system

Pipettes... Pipette Racks



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 PIPETTES PP

302765	-0001	-0002	-0005	-0010
Capacity ml	1	2	5	10
Sub Divisions ml	0.1	0.1	0.1	0.1
Shipping Weight lbs	0.19	0.21	0.27	0.3
Case Quantity	12	12	12	12
Case Price	97.14	106.87	113.87	118.02

VOLUMETRIC PIPETTES PP

303005	-0001	-0002	-0005	-0010	-0025	-0050
Capacity ml	1	2	5	10	25	50
Sub Divisions ml	0.1	0.1	0.1	0.1	---	---
Shipping Weight lbs	0.15	0.2	0.15	0.23	0.3	0.4
Case Quantity	12	12	6	6	6	6
Case Price	101.40	104.13	97.14	120.75	124.90	185.33



Pipette Disposal Bin (Beta and Gamma)

Gamma (g) rays are produced when an unstable isotope such as ^{125}I enters into nuclear decay. this form of electromagnetic radiation is attenuated by lead. The gamma rays' intensity decreases exponentially as the thickness of the lead increases. The recommended thickness of lead for use with ^{125}I is 0.5mm, Dynalon uses 3 mm lead for all of our g protection products.

Other isotopes shielded by our products include ^{32}P , ^{51}Cr , ^{35}S , ^{33}P , ^3H and ^{14}C . The enclosed boxes are perfect for short term storage of isotopes and contaminated labware. Dynalon gamma disposal boxes feature a polyethylene liner and a sleek black acrylic exterior. All units come with non-skid feet and are available in additional sizes.

GAMMA PIPETTE DISPOSAL BIN

	172724-0000	172814-0002
Description	Beta protection	Gamma protection
Length inches	6	6
Height inches	16	16
Width inches	6	6
Shipping Weight lbs	9.2	35.0
Price Each	127.70	329.60



Pipette Support Stand PP

Molded in white polypropylene with a grey PVC joining this is an extremely useful and versatile support which can be used freestanding or secured by any vertical rod up to 13.5mm diameter. It has 12 holes of 16mm diameter and 32 holes of 11mm diameter and is packed flat, in three parts, ready to push-fit together in seconds. Shipping weight is 0.35 lbs.

511215

Pipettor Support Stand PP

18.58 each

Pipette Racks... Pipette Storage

Rotary Pipette Stand PP

A white polypropylene, stable, non-corrosive stand which will accept 44 pipettes of up to 15mm o.d. The base is 230mm diameter, the rod is 400 x 12mm with the support unit rotating on the rod for easy pipette selection. The bottom tray has small holes for drainage. The height of the upper guide can be adjusted to fit various length pipettes. Shipping weight is 0.85 lbs.

511245

Rotary Pipette Stand PP

42.62 each



See Sterile Pipettes page 77

See Polypropylene Pipettes page 78

Rotary Pipette Stand PP

A white molded rack which will support 12 straight or small bulb pipettes over 200mm long. It is a very stable rack supplied as a kit of two end pieces and three connecting rods for push-fit assembly in seconds and can be easily dismantled for storage when not needed. Shipping weight is 0.6 lbs.

511235

Pipette Rack HDPE

15.63 each



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. Shipping weight is 6.2 lbs. Additional sizes available upon request.

186665

Pipette Rack Acrylic

87.96 each



Pipette Storage/Sterilizing Box PP

This unique round box is autoclavable at 121°C. The patented thread closure enables the box length to be changed from 280mm (11") to 500mm (20") and also makes it suitable to different length pipettes. Diameter 65mm (2 1/2"). Shipping weight is 1.65 lbs.

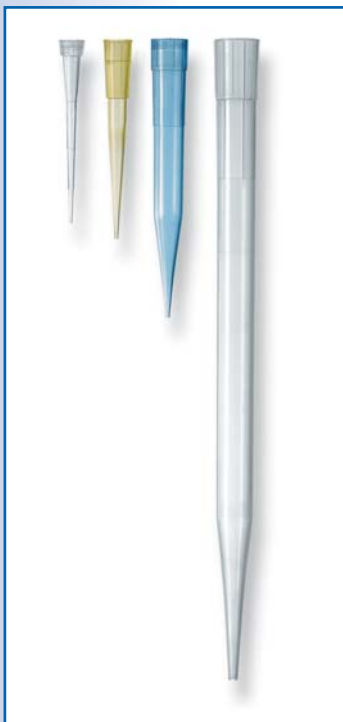
511224

Pipette Storage Box

49.17 pack of 5



Pipette Tips... Pipette Tip Disposal



Premium Quality Pipette Tips

- ✓ Accurate dimensioning and tight fit
- ✓ Clean, accurately centered tip orifice
- ✓ Excellent surface properties - smooth and free from edges
- ✓ Very good translucence

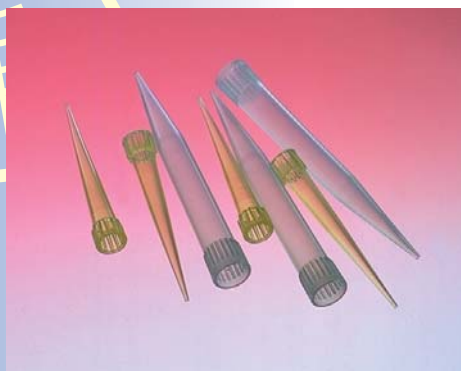
PREMIUM QUALITY PIPETTE TIPS

	262295	373205	373215	373265
Capacity µl	0.1 - 10	2 - 200	101 - 1000	101 - 1000
Description	Crystal tips	Yellow tips	Blue tips	Neutral tips
Shipping Weight lbs	0.42	0.9	1.85	1.76
Bulk Packed Quantity	1000	1000	1000	200
Pack Price	37.27	17.26	19.34	45.14



See Pipette Stand Workstation page 83

See Workstation Storage/Dispenser Bins page 83



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.

DISPOSABLE MICROPIPETTE TIPS, ECONOMY

	262205	262215	262245	262265	262275
Capacity µl	1 - 200	101 - 1000	5 - 200	5 - 200	201 - 1000
Color	Yellow	Blue	Neutral	Neutral	Neutral
Description	Universal	Universal	Oxford Slim Line	MLA	MLA
Shipping Weight lbs	TBA	0.8	1.1	0.77	2.01
Case Quantity	1000	1000	1000	1000	1000
Case Price	15.51	17.38	21.41	19.23	31.25



Pipette Tip Disposal Bin (Gamma Protection)



Gamma (g) rays are produced when an unstable isotope such as ^{125}I enters into nuclear decay. this form of electromagnetic radiation is attenuated by lead. The gamma rays' intensity decreases exponentially as the thickness of the lead increases. The recommended thickness of lead for use with ^{125}I is 0.5mm, Dynalon uses 3 mm lead for all of our g protection products. Other isotopes shielded by our products include ^{32}P , ^{51}Cr , ^{35}S , ^{33}P , ^3H and ^{14}C . The enclosed boxes are perfect for short term storage of isotopes and contaminated labware. Dynalon gamma disposal boxes feature a polyethylene liner and a sleek black acrylic exterior. All units come with non-skid feet and are available in additional sizes.

GAMMA PIPETTE DISPOSAL BIN

	172814-0001
Description	Gamma protection
Length inches	6
Height inches	10
Width inches	6
Shipping Weight lbs	TBA
Price Each	298.70

Pipette Vadosa... Pipette Wipes

Pipettor Vadosa

Safety vacuum pipetting device, easy to use, able to draw up and measure any liquid, even the most viscous one. Vadosa fits every type and size of pipette from 0.1ml up to 25ml. Will deliver even the smallest quantities with simplicity, precision and speed. Just insert a pipette into the Vadosa vacuum pipetting device, tighten the chuck, immerse the pipette in liquid, then rotate the micrometer type tap until you draw up the desired quantity of liquid. Made of acid and alkali-resistant polypropylene. Shipping weight is 0.96 lbs.

210995

Vadosa

152.66 pack of 4



See Sterile Pipettes page 77
See Polypropylene Pipettes page 78



210995



237825

Pipettor Filler with Plunger

Simply press plunger to fill pipette, release thumb to retract. Knurled cap adjusts the plunger stroke for repeating preset volume. Rubber chuck will hold pipette securely and safely. Comfortable grip. Will handle pipettes up to 10ml. Provided with graduations on the body molded in yellow ABS. Shipping weight is 1.19 lbs.

237825

Pipette Filler

229.59 pack of 6

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.

AUTOMATIC PIPETTE WASHING SET

	215905	215915	215925
Description	Pipette Washer	Pipette Jar	Pipette Basket
Height inches	25.5	25.5	26
Diameter inches	6.5	6.5	5
Shipping Weight lbs	7.8	4.6	0.78
Price Each	165.44	78.02	54.20



Pipette Wipe™ Holder

A unique concept for wiping pipette tips. Utilizes a compressed sponge instead of tissues, thus avoiding the possible danger of contamination from coming in contact with the pipetted material. The Pipette Wipe™ Holder is constructed of tough high impact styrene and is angled for comfort during repetitive use. Skid-free unit remains stationary during use. Compressed sponges are notched to wipe eight tips at one sweep or can be used to wipe individual pipette tips. Safe, as well as economical, the compressed sponge expands as liquid is absorbed. When completely expanded, simply depress the handle while holding unit over disposal container and the sponge will fall freely into the container. Each sponge comes with a disposable guard bar which keeps contaminants away from holder. One sponge absorbs many times its weight in liquid, eliminating the need to keep wipes or tissues in the work area. Compact design, the Pipette Wipe holder requires only 3" x 3" of space. Shipping weight of 162454 is 0.43 lbs and 0.54 lbs for 162464.

162454
162464

Pipette Wipe™ Holder w/ 2 Guarded Sponges
Guarded Sponges

30.16 each
54.20 pack of 100



pi-pump®... Pipettor Accessories



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 and precise 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.*Note: 311045 is not supplied with release valve nor with new type pipette holding socket.

pi-pump® - FAST RELEASE

	311045	311065	311085	311105
Color	Yellow	Blue	Green	Red
For Pipettes Up To ml	0.2	2	10	25
Shipping Weight lbs	1.3	1.35	1.34	1.8
Pack Quantity	12	12	12	12
Pack Price	187.46	173.52	173.52	238.76



186624

Pipettor Holder



Made from clear acrylic or high density polyethylene. This pipettor holder accommodates most major brands of pipettors making it a useful addition to any laboratory. The pipettor holder comes in three standard sizes for 3, 4 or 6 pipettors. The upper rack has 26.1mm (1.02") slots. The lower rack has 16mm (.625") slots. The new black HDPE U.V. stabilized 6 place pipettor holder (186694) is chemically resistant and easy to clean. Perfect for use in DNA workstations and other areas where U.V. anti-germicidal lamps are used. All pipettor holders are supplied with non-skid feet. Additional sizes available upon request.

PIPETTOR HOLDER

	186614	186624	186634	186644	186674	186694
Description	4 place	6 place	4 place	6 place	3 place	6 place
Material	Acrylic	Acrylic	HDPE	HDPE	Acrylic	Black HDPE
Height inches	12	12	12	12	12	12
Depth inches	8	8	8	8	8	8
Width inches	8	12	8	12	6	12
Shipping Weight lbs	2.8	4.2	2.2	4.0	2.4	3.9
Price Each	35.19	39.34	32.01	38.14	38.79	51.34



186694



#18669 Pipettor Holder above is U.V. stabilized for use in DNA Workstations and other areas where U.V. anti-germicidal lamps are used.



Let Dynalox surprise you with our abilities to meet your custom needs... see pages 124 and 125

CUSTOM PLASTIC FABRICATION

Pipettor Accessories

Pipette Filler Holder

Made from clear acrylic. The pipette filler holder fits most pipette fillers. Holder dimensions are 9"H x 6"D x 5 1/2"W. The hole is 1.25". Shipping weight is 1.8 lbs. Additional sizes are available upon request.

186655

Pipette Filler Holder

66.55 each



See Pipette Tips pages 80



Multi-Channel Pipettor Stand

Made from clear acrylic, this one piece multi-channel pipettor stand accommodates most of the major brands of multi-channel pipettors. Shipping weight is 1.8 lbs. Additional sizes are available upon request.

186684

Multi-Channel Pipettor Stand

39.88 each



Pipettor Stand Workstation

Keep pipettors and disposable tips handy at all times in one convenient stand. A self-closing lid provides dust free storage for a generous supply of two sizes of pipette tips. The built-in rack stores up to six pipettors. The bottom, sides, and top pipettor rack are white acrylic; the bins have a transparent front and cover for easy identification of their contents. Overall dimensions: 9 1/2" H x 16 3/8" W x 6 5/8" deep. Two bin dimensions: 5" H x 8" W x 3" deep. Holes at top are 17/32" diameter. Shipping weight is 5.8 lbs. Additional sizes available upon request.

162385

Pipette Stand Workstation

107.64 each



Workstation Storage/Dispenser Bins

Fabricated from white and clear acrylic. These storage/dispenser bins are available in four sizes and ideal for holding and dispensing many small items used in the laboratory. The hinged top cover assures easy filling and the up front hinged cover provides a generous opening for easy removal. All items stored remain dust-free, yet visible through the clear acrylic front window. Additional sizes available upon request.

WORKSTATION STORAGE/DISPENSER BINS

	106245	106255	106265	106275
Holds/dispenses	Pasteur Pipettes	Pasteur Pipettes	12mm x 75mm tubes	16mm x 100mm tubes
Length inches	6	6	8	8 1/2
Width inches	6 1/2	6 1/2	3 1/2	5 1/2
Height inches	14	7	12	16
Shipping Weight lb	4.8	3.0	3.17	3.0
Price Each	96.65	64.91	89.05	83.27



106255

Plates... Pumps

Sterilin



Plates, 96 Well Microtitration

Alpha-numeric identification alongside each of the 96 wells, make microscopic sample location simple. Uniform wall thickness ensures good optical observation and a hanging well design allows an even temperature to be achieved around each well. Cross contamination is minimized by each well having a rim, and when lids are used, orientation corners and condensation rings further guarantee security. A rim around the periphery of the plate also assists when the plate requires sealing with film. Deep lids reduce the common problem of uneven evaporation from the wells. The black plate is designed for use in fluorescence studies with minimal well to well cross talk. The white plate is designed for use in luminescence assays where the white pigment in addition to minimizing cross talk increases reflectivity for greater sensitivity.

PLATES, 96 WELL MICROTITRATION

539224	-0001	-0002	-0003
Bottom Description	Plate with U bottom	Plate with U bottom	Plate with V bottom
Description	Non-sterile	Sterile	Non-sterile
Sterility	NS	Ir	NS
Well Volume	0.415	0.415	0.334
Material	PS	PS	PS
Length mm	127	127	127
Breadth mm	86	86	86
Shipping Weight lbs	5.2	5.8	5.4
Case Quantity	50	50	50
Case Price	38.24	56.17	33.98

PLATES, 96 WELL MICROTITRATION

539224	-0004	-0005	-0006
Bottom Description	Plate with V bottom	Plate with flat bottom	Plate with flat bottom
Description	Non-sterile	Sterile	Non-sterile
Sterility	Ir	NS	Ir
Well Volume	0.334	0.406	0.406
Material	PS	PS	PS
Length mm	127	127	127
Breadth mm	86	86	86
Shipping Weight lbs	5.8	6.2	6.6
Case Quantity	50	50	50
Case Price	48.08	36.39	50.92

PLATES, 96 WELL MICROTITRATION

539224	-0007	-0008	-0009
Bottom Description	Lid with condensation rings	White plate with flat bottom	Black plate with flat bottom
Description	N/A	Non-sterile	Non-sterile
Sterility	S	NS	NS
Well Volume	N/A	0.415	0.415
Material	PS	PS	PS
Length mm	127	127	127
Breadth mm	86	86	86
Shipping Weight lbs	2.6	6.6	6.6
Case Quantity	50	50	50
Case Price	43.93	95.95	95.95



Hand Pump, PP

- ✓ Supplied with approximately 20cm of flexible PVC tubing with 25mm i.d. fitted to the outlet
- ✓ Will fit into a 50mm diameter aperture to a maximum immersion depth of 640mm
- ✓ Drip well is fitted at the top
- ✓ Will transfer approximately 5 liters of liquid in 8 strokes in about fifteen seconds
- ✓ Overall length is 800 to 1320mm
- ✓ Shipping weight is 1.8 lbs

518744

Hand Pump, PP

144.57 each

Pumps... Racks

Pump, Water Jet PP

- ✓ Suitable for most laboratory water pressures
- ✓ Complete with an integral non-return valve
- ✓ Will operate effectively (half vacuum) at low flow rates of 7 liters per minute
- ✓ Will produce maximum vacuum of 20-25 mmHg at a flow rate of 17 liters per minute
- ✓ The side arm tapers from 7 to 12mm
- ✓ Available with or without pressure gauge
- ✓ Shipping weight 512655 is 0.066 lbs and 0.282 lbs for 512665

512655
512665

Pump without gauge
Pump with gauge

12.27 each
91.98 each



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). Shipping weight is 0.2 lbs.

312635

Water Jet Vacuum Pump

26.67 each



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. Shipping weight is 1.6 lbs. Additional sizes available upon request.

103205

Thermometer Rack

28.30 each



See Drying Racks on pages 61-62

Rodac Plate Rack

Fabricated from clear acrylic which allows for full visibility from all sides. The posts are made of break-resistant polycarbonate, and are permanently fixed to prevent shifting of plates. A slide-down cover is provided to hold the plates down during transportation of the filled rack. Rodac Plate racks hold a total of 28 plates. Additional sizes available upon request. Shipping weight is 2.2 lbs for 103164-0000 and 3.0 lbs for 103164-0001.

103164-0000
103164-0001

Rack for 60-65mm Dishes
Rack for 100mm Dishes

41.02 each
41.42 each



Racks... Sample Cup Storage



Multi-Function Lab Stand



- ✓ Sturdy polycarbonate angled stand
- ✓ Book stand to hold manuals, catalogs, cook books...
- ✓ Ergonomic rack holder for pipetting

Fabricated of durable 1/8" polycarbonate, this multi-functional lab stand has uses in the home as well as laboratory! Perfect for keeping your reference books away from accidental lab spills. In the laboratory this stand is at the perfect angle (45°) for ergonomic pipetting. Additional sizes and/or angles available upon request.

MULTI-FUNCTION LAB STAND

180854

Height inches	7 1/2
Width inches	8 1/4
Length inches	13 1/8
Shipping Weight	TBA
Price Each	26.98



Sample Cups PS

- ✓ For use in autoanalyzers

SAMPLE CUPS PS

	202094	202114	202134	202144	202154	202044
Size ml	2.0	1.5	4.0	0.25	0.5	LDPE Stopper
Top Diameter mm	13	13	15	13	13	13
Bottom Diameter mm	13	13	12	13	13	N/A
Height mm	26	24	39	16	25	N/A
Shipping Weight lbs	6.8	2.2	4.2	1.8	2.8	0.9
Case Quantity	1000	1000	1000	1000	1000	1000
Case Price	18.58	16.50	25.89	19.67	24.37	13.87



Sample Cups PS

SAMPLE CUPS PS

	202164	202174
Description	Abbott® Cups	Hitachi® Cups
Capacity ml	1.5	1.5
Top Diameter mm	8	15
Bottom Diameter mm	8	10
Height mm	38	38
Shipping Weight lbs	6.4	3.8
Case Quantity	2000	1000
Case Price	47.42	28.85



Sample Cups Storage Modules

Provides storage for hundreds of 13 mm sample cups in less than a square foot of space. Shelves are clear acrylic, base is white. Up to six holders can be stacked. An additional acrylic solid white cover is available for both the 50 and 100 cup rack.

SAMPLE CUP STORAGE MODULES

	159545	-0001	-0002	-0003	-0004
Description		Module for 50 cups	Module for 100 cups	Cover for -0001	Cover for -0002
Length inches		8 1/4	8 1/4	8 1/2	8 1/2
Width inches		4 1/2	8 1/4	4 1/2	8 1/2
Depth inches		1 1/2	1 1/2	1	1
Shipping Weight lbs		5.5	13.6	4.3	TBA
Case Quantity		12	12	12	12
Case Price		185.99	315.04	129.16	176.25

Samplers... Scoops

Sampler/Ladle PTFE

This sampler-ladle is made from pure PTFE and is supplied with a fixed 6" (150mm) handle. Totally inert. 10ml capacity. Dimensions: top ID 1" and bottom OD is 3/4". Shipping weight is 0.1 lbs.

307014

Sampler/Ladle 10ml

115.72 pack of 4



Drum Sampler HDPE

Similar to the Liquid Sampler below, but specifically designed for easy, effective sampling of 55 gallon drums or vessels with openings as small as 2" ID. The included 100 ml bottle (Cat. No. 202445-0100 on page 25) easily passes through the opening for quick filling. The handle prevents dropping of sampler into the opening of the drum. Rod 3' length by 1 1/4" O.D. Shipping weight with bottle is 2.0 lbs. Additional sizes available upon request.

114505

Drum Sampler

94.85 each

202445-0100

100ml Polypropylene Graduated Bottle

212.86 per case of 100

Liquid Sampler HDPE

Manufactured from chemically resistant high density polyethylene, this sampling device is perfect for corrosive environments and for hard to reach places. The included 500 ml (16 oz.) bottle (Cat. No. 202445-0500 on page 25) screws into the end of the handle and is filled via four ports (2 allowing liquid to enter and 2 allowing air to escape.) Excellent for industrial and environmental applications. Rod 6' length by 1 1/4" O.D. Shipping weight for the 114515 with bottle is 3.6 lbs and 4.4 lbs for the 114525. Additional sizes available upon request. *2-piece handle for UPS shipment.

114515

Liquid Sampler - 6' handle

116.81 each

114525

Drum Sampler - 8' handle

148.61 each

202445-0500

500ml Polypropylene Graduated Bottle

205.87 per case of 50



Scoops, Flat Bottom LDPE

Heavy duty scoops with many industrial and laboratory applications. Suitable for liquids and powders with the capacity molded on each side.

SCOOPS, FLAT BOTTOM LDPE

	606055	607105	606065	606075	607115	607135	607175	607145
Bowl Length inches	2 1/2	3	4 1/4	5 1/4	5 3/4	7 1/2	9 1/2	10 3/4
Bowl Width inches	1 1/4	1 3/4	2 3/4	3	3 1/4	4 3/4	6 1/4	6 3/4
Liquid Capacity ml	15	25	65	110	150	350	500	1000
Handle Length inches	1 3/4	2	2 3/4	3	3 3/4	4 1/4	4 1/2	5
Shipping weight lbs	0.14	0.09	0.2	0.39	0.75	0.97	1.6	2.2
Case Quantity	12	6	6	6	6	6	6	6
Case Price	12.57	6.99	8.75	11.47	21.53	43.38	82.29	158.99



Large Scoop HDPE

Fabricated, heavy duty polyethylene scoop with many industrial applications. Large, approximately 1 gallon capacity. Bowl size is 7 1/2" x 10 1/2" with long 6 3/4" handle. Half-gallon scoop has bowl size 5 3/4" x 8" with 5 1/2" handle. Shipping weight for 107154-0000 is 1.6 lbs and 1.2 lbs for 107154-0005.

107154-0000

Large Scoop (1 gallon)

35.84 each

107154-0005

Small Scoop (1/2 gallon)

26.67 each



Scoops... Shields



Scoops/Ladles HDPE

High density polyethylene, high-temperature extra heavy duty bowl with securely welded solid handle. Handy for sampling and dispensing corrosive liquids. Note: 600ml size is graduated and supplied with 2 pour spouts. Additional sizes available upon request.

SCOOPS & LADLES HDPE

108085	-50	-100	-250	-400	-600	-1000
Capacity ml	50	100	250	400	600	1000
Handle Length inches	9	9	9	10	10	12
Shipping weight lbs	1.03	1.75	3.2	3.75	3.9	5.3
Case Quantity	12	12	12	12	12	6
Case Price	99.98	106.87	118.02	122.17	129.81	149.27



Seed Germination Kit PS

For the study and observation of seed growth under controlled conditions. The vented cowed top allows observations and also keeps growth under control. Water feed is by filter paper strip from the bottom vessel. The growth takes place on a 70mm filter paper base. Dimensions: 170 x 78mm Shipping weight is 0.84 lbs

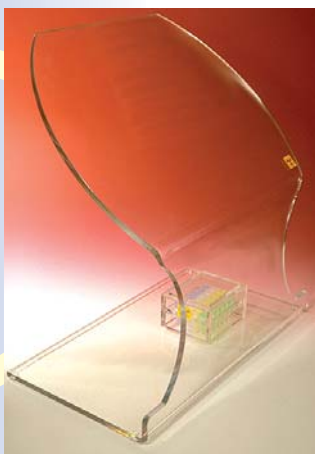
543344

250ml Seed Germination Kit

18.58 pack of 5



See Beta Radiation Protection Shields
on pages 19-20



Bench Top Splash Shields



- ✓ No eye-level distortion
- ✓ Extra wide top

Lower bend and wider top gives greater visibility of work surface and assures greater protection from splashes to face and neck area. The Splash Shield has been designed to be used comfortably either from a standing or sitting position. The gentle bend from the base allows the technician to observe the working surface from a comfortable sitting position. The lower area of the Shield is just 12" wide, thus making it easy to reach behind the Shield to pipette, open vials or perform any number of functions, while protecting the operator from being accidentally splashed. Fabricated from 1/4" clear acrylic for excellent stability. Non-skid feet. Available in other sizes by special order. Measurements: base—20" W x 12" D; face area—20" W x 15" H; overall— 20" W x 12" D x 20" H. Not suitable for radiation protection.

ACRYLIC SHIELDS

172284

Description	Biohazard Splash Shield
Thickness inches	1/4
Width inches	20
Height inches	20
Depth inches	12
Shipping Weight lbs	9.6
Price Each	66.55

Shields... Sieves

Rotator Shields

- ✓ Excellent demonstration shield
- ✓ Biohazard shield for blood-born pathogens

Bench top shields were designed with the safety of the user in mind. The top is angled and wide to protect the face and body. Like our popular Splash Shield, the user can easily place his/her arms around the shields to perform any number of procedures while still protecting the operator. Not suitable for radiation protection. Additional sizes available upon request.

ROTATOR SHIELDS

172254	-0003	-0004
Thickness inches	1/4	1/4
Width inches	12	12
Height inches	12	16
Depth inches	6	6
Shipping Weight lbs	3.6	4.6
Price Each	83.60	92.56



Polycarbonate Safety Shield

This shield is made from 1/4" thick polycarbonate. It will withstand temperatures up to +130°C and shields against UV. The shield is supported by a 15 pound steel base with blue acrylic urethane enamel finish. Dimensions: 30" H x 19" W x 6" D. Shipping weight is 26.4 lbs. Additional sizes are available upon request.

172375	Polycarbonate Safety Shield	160.85 each
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Sieve and Receiver, Laboratory

Large capacity sieve fabricated, from High Density Polyethylene with polyester mesh, offers almost 1/2 cubic foot of volume. Openings in mesh are .09" square. Unit will not rust nor corrode from water. Perfect for biologists and geologists. Optional receiver pan neatly collects materials after sifting. Handles make entire unit ergonomic and easy to use. Additional sizes available upon request.

SIEVE AND RECEIVER, LABORATORY

142804	-0001	-0002
Description	Laboratory Sieve	Receiver Pan
Length inches	14	14
Width inches	14	14
Depth inches	4	4
Shipping Weight lbs	4.6	5.6
Price Each	131.35	55.57



Slide Accessories



Slide Block, Microscope HDPE

✓ Flat design adds stability

New improved flat design holds ninety one 1" x 3" slides (75-25mm). Block is chemically resistant, easy to clean and perfect for drying slides during evacuation and/or cleaning. Angled slots tip slides back for convenient viewing. Supplied with non-skid feet. Additional sizes available upon request.

SLIDE BLOCK, MICROSCOPE

	135014	-0001	-0002
Holds # of Slides	90	45	
Length inches	12	12	
Width inches	7	4	
Depth inches	2	2	
Shipping Weight lbs	4.4	3.0	
Price Each	54.31	50.52	



Slide Staining Jars PP

✓ Square

A robust jar holding 10 slides, back to back, which is designed in a squared shape to conserve space and staining solution. With the cap removed the tops of the slides can be handled without touching the solution. The screw cap has a locating recess to support the slides and both body and cap have a molded-in lug to enable them to be wired together for transit. Shipping weight is 0.28 lbs.

535515-0001

88x 33 x 30mm Square Jar

35.19 pack of 4



Slide Mailers PP

Tight fitting snap closure. Available for 1,2 or 3 slides 76 x 26mm (3" x 1").

SLIDE MAILERS PP

	201495	201515	201545
Description	1 - Slide Mailer	2 - Slide Mailer	3 - Slide Mailer
Case Quantity	50	50	50
Shipping Weight lbs	0.4	2.22	2.9
Case Price	54.96	59.01	63.71



Vinyl Slide and File Card Holder

Flexible vinyl with exceptional toughness for unusually rugged wear. Electronically sealed—no stitching to tear out. Water and grease-proof. Two popular sizes with card opening on the length side.

VINYL SLIDE FILE CARD HOLDER

	635264	635284
Description	Small File Holder	Large File Holder
Card Length inches	5 1/2	8
Card Width inches	4	5
Holds Slides 1" x 3"	4	5
Shipping Weight lbs	13.0	6.2
Case Quantity	100	100
Case Price	102.71	98.79



Microscope Slide Tray

Molded of white PVC for easy distinguishing of different dyes on the slides. For storing of twenty standard slides 25 x 76 mm (1" x 3"). Designed for easy removal of slides. Shipping weight is 4.6 lbs.

201565

340 x 190mm Slide Tray

78.67 pack of 10

Slide Accessories

Microscope Covers

- ✓ Rigid dust covers great for use with various instruments
- ✓ Strong and lightweight



Round Cover: Rigid. Perfect for microscopes. Blocks out dust and corrosive fumes. Clear cellulose acetate with handle at top and firm aluminum bands at bottom. Square Cover: Versatile instrument cover, popular for balances. Clear cellulose acetate with handle at top and firm aluminum bands at bottom. Additional sizes available upon request.

SIEVE AND RECEIVER, LABORATORY

Description	171015	171025
Length inches	Round	Square
Width inches	18	16
Depth inches	10 diameter	11
Shipping Weight lbs	N/A	10
Price Each	2.4	2.3
	81.54	95.04



Slide Staining Jar with Lid PMP

Molded, glass-clear PMP for use with Cat. No. 235405 below and supplied with 2 lids. One lid for use when dish is not inserted providing for evaporation free storage of staining liquid and other lid with special opening to allow handle of staining dish to be inserted. Dimensions: 81 x 101 x 86.5 mm. Staining dish made of autoclavable polypropylene with horizontal tray. Tray has 20 grooves and holds 20 slides 3" x 1" (76 mm x 26 mm). Removable snap-on handle. Dimensions: 69.5 x 86 x 21 mm. Shipping weight is 235305 is 0.96 lbs and 0.2 lbs for 235405.

235305	Staining Jar with Lid	105.55 pack of 4
235405	Staining Dish	51.36 pack of 4



Staining Jar PMP

These "glass-clear" staining jars are made of strong PMP and hold 26 x 76 mm (1" x 3") slides vertically. Eight grooves allow accommodation of 16 slides back to back. Supplied with molded PMP cover. Approx. 2" square at bottom x 2 1/4" square at top and 3 1/2" high. Packed 4 per case. Shipping weight is 0.4 lbs.

235505	Staining Jar with Cover	59.77 pack of 4
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Slide Tray for 100 Slides

Made of tough, resilient ABS for long life. Holds 100 standard 1" x 3" slides positioned vertically for easy insertion in prenumbered grooves allowing for simple identification and retrieval. Dimensions: 360 x 38 x 100 mm (14 1/4" x 1 1/4" x 3 1/4")height. Cover optional. Cover is made of clear polystyrene for full visibility. Protects slides when not in drawer from dirt and dust. Shipping weight for 211615 is 3.11 lbs and 3.77 lbs for 211605.

211615	Slide Tray	241.71 pack of 10
211605	Slide Tray Cover	129.60 pack of 10



Slide Accessories



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. Shipping weight is 2.6 lbs.

245605

Slide Dispenser

192.65 pack of 6

Slide Storage System 5-Drawer Storage Unit

An assembly of five (5) No. 211634 drawers (below) and one No. 211674 (below) cover providing secure storage for 5000 slides (with optional slide trays) in less than 4.5 cubic feet of space or simply a beautifully designed, functional storage unit which can be used for an endless number of storage purposes. Total outside dimensions of this unit on optional wheels is 16.5" x 16.5" x 30.75" high. Shipping weight for 211654 is 30.8 and 0.5 lbs for 211694.

211654
211694

Five Drawer Storage Unit
Optional Set of 4 Wheels

329.67 each
32.17 each set



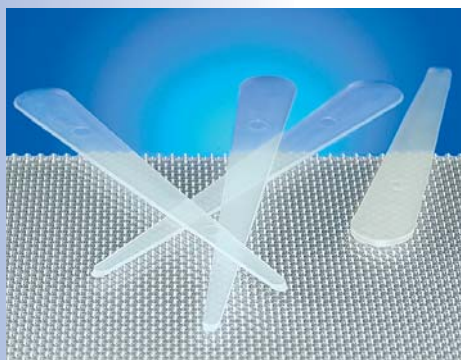
Drawer for Storage System

May be used to store 1000 slides in slide trays (optional see above) or as convenient storage cabinet. Made of ABS. Dimensions of drawer inside are approximately 14 1/4" W x 14 1/4" L x 4 1/4" H. Shipping weight for 211634 is 6.0 lbs and 2.56 lbs for 211674.

211634
211674

Drawer
Cover for Storage System

60.98 each
40.54 each



Spatulas PP

These polypropylene spatulas are autoclavable and have excellent chemical and heat resistance. Virtually unbreakable. Spatulas retain their original shape after flexing. Suitable for use with food products.

SPATULAS PP

	391875	391895	391905	391915
Length mm	115	165	252	200
Shipping Weight lbs	0.2	0.6	1.0	0.96
Case Quantity	48	48	50	48
Case Price	77.81	88.84	121.51	115.72



See Stirring Paddles and Scrapers page 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. Shipping weight is 1.1 lbs.

412575

Nylon Stirrer-Spatula

62.50 pack of 24



Spatulas... Spigots

Spatula - Scraper Nylon®

Nylon® blade with white composition handle. A short handled unit specially designed as a scraper and spatula. Scrape and clean any hard to clean containers. 13 1/2" overall length. Nylon® blade is 4 1/2 wide, 7" long. Complete with large hand-grip. Shipping weight for 490834 is 0.4 lbs and 0.35 lbs for 490864.

490834	Spatula Scraper - Rigid Blade	37.59 each
490864	Spatula Scraper - Soft Blade	37.04 each



Spatula, Polyamide

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, but it is easily attacked by acids and oxidizing agents.

SPATULA, POLYAMIDE

391925	-0001	-0002	-0003	-0004
Description	Double spatula	Double spatula	Spatula/spoon	Spatula/spoon
Length mm	150	180	180	210
Shipping Weight lbs	1.08	0.63	0.69	0.89
Case Quantity	50	50	50	50
Case Price	63.71	66.00	75.18	77.58



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 (approx. 9 1/4") long. Shipping weight is 0.85 lbs.

212455	Spatula, Stirring Rod PP	92.34 pack of 70
--------	--------------------------	------------------



Spigots HDPE

Made of high density polyethylene. Non-removable safety handle. Positive "O" ring seal. Knurled spout for hose connections. Controlled flow allows fast or slow delivery; 9/16" bore. Supplied with 1/2" or 3/4" NPT thread. Shipping weight for 714484 is 0.16 lbs and 0.17 lbs for 714404.

714484	Spigot 1/2" NPT	26.44 each
714404	Spigot 3/4" NPT	16.39 each



Spigots LDPE

Molded of low density polyethylene. No gaskets or inside threads to leak. Will fit standard threaded drums. Color: 3/4" size is natural, 2" size is gold. Shipping weight for 612935 is 0.97 lbs and 3.11 lbs for 612945.

612935	Spigot 3/4" IPS Thread	28.95 pack of 12
612945	Spigot 2" IPS Thread	76.82 pack of 4



Spot Plates... Stir Bars



Stainless Steel Sponge

Heavy-duty stainless steel sponges are the answer to removing hard to remove stains. Sponges are spun from a continuous strand of non-corroding, non-abrasive steel to withstand heavy use. Ideal for cleaning glass or stainless steel labware. Will not scratch glass or irritate your hands. 2 1/4" x 4" (approx.). Packed 2 to a bag, 12 bags (24 sponges) to a case. Shipping weight is 1.63 lbs.

416175

Stainless Steel Sponge

133.31 case of 24



Spot Plates PP

Comprises 12 cavities of approximately 1 ml capacity and is an economically priced, high quality, unbreakable spotting tile. Autoclavable. Shipping weight is 1.28 lbs.

555215

Spot Plate PP

44.03 pack of 10



Spot Plates LDPE

These 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. Shipping weight is 0.6 lbs.

255225

Spot Plate LDPE

46.33 pack of 40



Octagonal Stirring Bars Teflon®

OCTAGONAL TEFLON® STIRRING BARS

303275	-0001	-0002	-0003	-0004	-0005	-0006	-0007	-0008	-0009	-0010	-0011
Length mm	22	13	13	15	25	28	38	41	51	64	13
Length inches	7/8	1/2	1/2	5/8	1	1 1/8	1 1/2	1 5/8	2	2 1/2	1/2
O.D. mm	8	3	8	8	8	8	8	8	8	8	10
O.D. inches	5/16	1/8	5/16	5/16	5/16	5/16	5/16	5/16	5/16	5/16	3/8
Shipping Wt. lbs	TBA	0.016	0.06	0.07	TBA	0.14	0.19	0.2	0.27	0.31	0.07
Case Quantity	12	12	12	12	12	12	12	12	12	12	12
Case Price	29.94	27.10	27.76	28.09	30.60	32.24	34.75	40.33	43.38	70.81	32.24

OCTAGONAL TEFLON® STIRRING BARS

303275	-0012	-0013	-0014	-0015	-0016	-0017	-0018	-0019	-0020	-0021
Length mm	15	22	25	35	38	48	51	64	38	75
Length inches	5/8	7/8	1	1 3/8	1 1/2	1 7/8	2	2 1/2	1 1/2	3
O.D. mm	10	10	10	10	10	10	10	10	13	13
O.D. inches	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2	1/2
Shipping Wt. lbs	0.11	0.15	0.16	TBA	0.27	0.35	0.36	0.47	0.46	0.95
Case Quantity	12	12	12	12	12	12	12	12	12	12
Case Price	36.17	37.48	38.90	45.14	45.14	58.35	61.52	69.06	94.41	126.32

✓ 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.



See Magnetic Stirrers on page 99

Stir Bars

Round Stirring Bars Teflon®

ROUND TEFLON® STIRRING BARS (*without ring)

	303565	303575	303705*	303715*	303725	303735
Length mm	32	51	13	19	25	38
Length inches	1 1/4	2	1/2	3/4	1	1 1/2
O.D. mm	8	10	8	8	8	10
O.D. inches	5/16	3/8	5/16	5/16	5/16	3/8
Shipping weight lbs	0.14	0.35	0.05	0.08	0.09	0.25
Case Quantity	12	12	12	12	12	12
Case Price	48.63	81.08	36.17	37.48	36.94	65.24

ROUND TEFLON® STIRRING BARS

	303745	303755	303765	303775	303785
Length mm	42	75	102	127	150
Length inches	1 5/8	3	4	5	6
O.D. mm	10	12	16	16	19
O.D. inches	3/8	1/2	5/8	5/8	3/4
Shipping Weight lbs	0.28	0.94	1.9	2.47	4.26
Case Quantity	12	12	10	10	10
Case Price	72.23	94.41	323.88	370.11	679.46



Egg Shaped Stirring Bars Teflon®

EGG SHAPED TEFLON® STIRRING BARS

303515	-0001	-0002	-0003	-0004	-0005	-0006	-0007	-0008
Length mm	20	25	30	35	40	50	64	70
Length inches	3/8	1/2	5/8	5/8	3/4	3/4	3/4	3/4
O.D. mm	10	12	16	16	20	20	20	20
O.D. inches	3/4	1	1 1/4	1 1/2	1 5/8	2	2 1/2	3
Shipping Wt. lbs	TBA	0.17	0.35	0.36	0.66	1.07	1.27	1.46
Case Quantity	12	12	12	12	12	12	12	12
Case Price	68.73	66.11	83.27	97.14	116.93	131.35	172.65	210.13



Stirring Bars Teflon® at Disposable Prices

TEFLON® STIRRING BARS

	303644	303664	303684	303694
Length mm	12	25	35	50
Length inches	1/2	1	1 3/8	2
O.D. mm	4	5.5	6	7.5
O.D. inches	3/16	3/16	1/4	1/4
Shipping Weight lbs	TBA	0.5	0.86	1.6
Case Quantity	100	100	100	100
Case Price	122.06	165.11	185.11	249.25



Stirring Bar Kit Teflon®

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

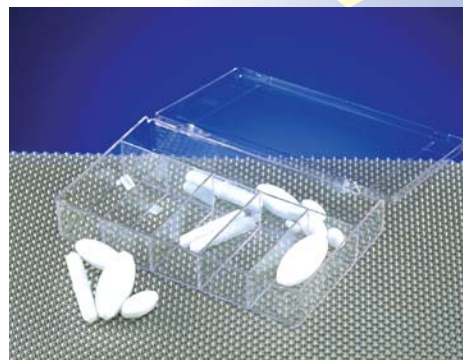
Kit contains:

- | | |
|-------------------------------------|-------------------------------------|
| (2) each 5/16" x 1/2" (8 x 13mm) | (2) each 3/8" x 2" (9.5 x 51mm) |
| (2) each 5/16" x 5/8" (8 x 16mm) | (2) each 3/8" x 2 1/2" (9.5 x 64mm) |
| (2) each 3/8" x 1" (9.5 x 25mm) | (2) each 2 mm x 7 mm Micro Bars |
| (2) each 3/8" x 1 1/2" (9.5 x 38mm) | (2) each 3 mm x 10 mm Micro Bars |

303595

Stirring Bar Kit Teflon®

60.65 each



Stir Bars



Micro Stirring Bars Teflon®

- ✓ For stirring test tubes, micro-beakers, etc...
- ✓ Covered with PTFE white resin

TEFLON® MICRO STIRRING BARS

	303465	303475	303485	303495	303505
Length mm	15	8	7	10	12.5
Length inches	9/16	5/16	1/4	3/8	1/2
O.D. mm	1.5	1.5	2	3	3
O.D. inches	1/16	1/16	3/32	1/8	1/8
Shipping Weight lbs	0.09	0.001	0.001	0.006	0.009
Case Quantity	12	12	12	12	12
Case Price	32.01	31.25	31.25	34.75	34.75



Extra Large Polygonal Stirring Bars Teflon®

- ✓ Heavy duty for stirring large volumes of liquids on large magnetic stirrers

TEFLON® EXTRA LARGE POLYGONAL STIRRING BARS

	304445	-0001	-0002	-0003
Length mm	57	108	159	
Length inches	2 1/4	4 1/4	6 1/4	
O.D. mm	27	27	27	
O.D. inches	1 1/16	1 1/16	1 1/16	
Shipping Weight lbs	0.22	0.5	TBA	
Price Each	63.71	66.33	78.79	



Octagonal Color-Coded Stirring Bars Teflon®

OCTAGONAL TEFLON® YELLOW STIRRING BARS

	304405	-0001	-0002	-0003	-0004	-0005	-0006	-0007
Length mm	13	16	22	26	38	51	76	
Length inches	1/2	5/8	7/8	1	1 1/2	2	3	
O.D. mm	8	8	8	8	8	8	13	
O.D. inches	5/16	5/16	5/16	5/16	5/16	5/16	1/2	
Shipping Wt. lbs	0.06	0.06	0.1	0.12	0.19	0.26	0.94	
Case Quantity	12	12	12	12	12	12	12	
Case Price	34.75	36.17	38.90	40.53	48.08	53.44	133.97	

OCTAGONAL TEFLON® BLUE STIRRING BARS

	304415	-0001	-0002	-0003	-0004	-0005	-0006	-0007
Length mm	13	16	22	26	38	51	76	
Length inches	1/2	5/8	7/8	1	1 1/2	2	3	
O.D. mm	8	8	8	8	8	8	13	
O.D. inches	5/16	5/16	5/16	5/16	5/16	5/16	1/2	
Shipping Wt. lbs	0.06	0.06	0.1	0.12	0.19	0.26	0.94	
Case Quantity	12	12	12	12	12	12	12	
Case Price	34.75	36.17	38.90	40.53	48.08	53.44	133.97	

OCTAGONAL TEFLON® BLUE STIRRING BARS

	304425	-0001	-0002	-0003	-0004	-0005	-0006	-0007
Length mm	13	16	22	26	38	51	76	
Length inches	1/2	5/8	7/8	1	1 1/2	2	3	
O.D. mm	8	8	8	8	8	8	13	
O.D. inches	5/16	5/16	5/16	5/16	5/16	5/16	1/2	
Shipping Wt. lbs	0.06	0.06	0.1	0.12	0.19	0.26	0.94	
Case Quantity	12	12	12	12	12	12	12	
Case Price	34.75	36.17	38.90	40.53	48.08	53.44	133.97	



Colored stir bars
may leach in
harsh chemicals.

Stir Bars... Stir Accessories

Micro Color-Coded Stirring Bars Teflon®

OCTAGONAL TEFLON® RED STIRRING BARS

304435	-0001	-0004	-0007	-0010	-0013
Length mm	8	5	7	10	12.7
Length inches	5/16	3/16	1/4	3/8	1/2
O.D. mm	1.5	2	2	3	3
O.D. inches	1/16	1/16	1/16	1/8	1/8
Shipping Weight lbs	0.0001	0.0001	0.0001	0.0006	0.0009
Case Quantity	12	12	12	12	12
Case Price	33.22	34.75	34.75	38.90	38.90

OCTAGONAL TEFLON® YELLOW STIRRING BARS

304435	-0002	-0005	-0008	-0011	-0014
Length mm	8	5	7	10	12.7
Length inches	5/16	3/16	1/4	3/8	1/2
O.D. mm	1.5	2	2	3	3
O.D. inches	1/16	1/16	1/16	1/8	1/8
Shipping Weight lbs	0.0001	0.0001	0.0001	0.0006	0.0009
Case Quantity	12	12	12	12	12
Case Price	33.22	34.75	34.75	38.90	38.90

OCTAGONAL TEFLON® BLUE STIRRING BARS

304435	-0003	-0006	-0009	-0012	-0015
Length mm	8	5	7	10	12.7
Length inches	5/16	3/16	1/4	3/8	1/2
O.D. mm	1.5	2	2	3	3
O.D. inches	1/16	1/16	1/16	1/8	1/8
Shipping Weight lbs	0.0001	0.0001	0.0001	0.0006	0.0009
Case Quantity	12	12	12	12	12
Case Price	33.22	34.75	34.75	38.90	38.90



Colored stir bars
may leach in
harsh chemicals.

Vane Bar Teflon®

Solid PTFE resin vanes with molded magnetic bars in center. Permit rotation in small conical tubes. Ensure thorough sample mixing.

TEFLON® VANE BAR

304465	-0001	-0002	-0003	-0004
Description	Triangle	Half round	Round tapered	Arrow
For Use In	Vials 3-5ml	16mm test tubes	Trim to fit various	Various
Shipping Weight lbs	0.01	0.03	0.03	0.02
Case Quantity	12	12	12	12
Case Price	47.21	53.44	53.44	53.44



Triangular Stirring Bar Teflon®

Designed to give the most efficient mixing of all stirring bars. These bars are uniquely designed in a triangular shape to give the best possible spinning action. Made of virgin PTFE with a strong, permanent alloy magnet.

TEFLON® TRIANGULAR STIRRING BAR

	302806	302816	302826	302836
Length mm	12.5	25	35	50
Length inches	1/2	1	1 3/8	2
O.D. mm	6	8	9	12.5
O.D. inches	1/4	1/4	3/8	3/8
Shipping Weight lbs	0.06	0.08	0.11	0.29
Case Quantity	12	12	12	12
Case Price	34.94	36.17	45.02	50.05



Stir Accessories



Cell Bar Teflon®

For 10 mm spectrophotometer cells. Provides rapid vertical and horizontal mixing with minimum vortex. Generates centrifugal pumping action without aeration. Can also be used in test tubes. Alnico-V magnet encased in PTFE resin. 9 diameter x 8mm high (3/8" x 5/16") Shipping weight is 0.04 lbs.

303615

Cell Bar Teflon®

119.44 case of 12



Cross Head Magnetic Stir Bar Teflon®

Greater mixing action at bottom, side, and top of container, even at low stirring speeds. No splashing, less noise. For test tubes, round bottom or flat bottom labware. PTFE resin with cross-shaped fins and encapsulated Alnico-V magnets.

TEFLON® CROSS HEAD MAGNETIC STIR BAR

304495	-0001	-0002	-0003	-0004	-0005	-0006	-0007
Length mm	10	14	17	22	30	35	58
O.D. mm	8	12	13	15	12	12	15
Shipping Wt. lbs	0.03	0.06	0.14	0.22	0.33	0.43	0.53
Case Quantity	12	12	12	12	12	12	4
Case Price	61.08	65.24	76.39	77.81	108.09	109.71	98.79



See Beakers pages 10 - 13



Beaker Bar Teflon®

The Beaker Bar, magnetic stir bar, fits the inside diameter of the beakers indicated below. The Beaker Bars create a deep vortex even at low speeds.

TEFLON® BEAKER BAR

303255	-0001	-0002	-0003
Beaker Capacity ml	100	250	400-500
Diameter mm	44	62	70
Shipping Weight lbs	TBA	1.03	1.11
Price Each	15.74	23.05	24.70



Star Bar Stirring Heads Teflon®

True paddle configuration in each magnetic PTFE stirring head. Excellent mixing at slow speeds for biological applications. Features larger vortex for more complete mixing. High strength Alnico-V magnet for maximum coupling. Autoclavable. Available as a kit with all five sizes or individually.

TEFLON® STIR BAR STIRRING HEAD

304455	-0000	-0001	-0002	-0003	-0004	-0005
Diameter mm	set, one of each	9.5	19	25	32	38
Diameter inches	N/A	3/8	3/4	1	1 1/4	1 1/2
Shipping Weight lbs	TBA	0.01	TBA	0.12	0.22	0.35
Pack Quantity	1	12	12	12	12	12
Pack Price	33.55	56.93	69.39	71.52	83.27	97.14

Stir Accessories

Stirring Bar Retrievers

Polypropylene Stirring Bar Retrievers: Ideal for use with all stirring bars. Entire retriever totally encased in chemically resistant polypropylene. Handy ring allows for hanging when not in use. Teflon® Stirring Bar Retrievers: Permanent powerful magnet encapsulated in PTFE and supplied with flexible PTFE rod.

STIRRING BAR RETRIEVERS

	303305	303325	302895
Material	Polypropylene	Polypropylene	Teflon®
Length mm	456	304	330
Length inches	18	12	13
Shipping Weight lbs	0.52	0.48	0.63
Pack Quantity	6	6	6
Pack Price	54.20	47.21	95.86



303305 & 303325



302895



See Teflon® Stir Bars on pages 92-96

Stirring Rods

Available in two versions: Pure PTFE solid rod with tapered end, and pure PTFE with mild steel core. The version with steel core can be bent into a permanent shape. Inert and will not scratch, use up to 280°C. Approximately 1/2" O.D. (8mm)

STIRRING RODS WITH ROUNDED ENDS - STEEL CORE

	303264-0000	303284-0000	303294-0000	303294-0001	303294-0002
Length mm	100	150	200	250	300
Length inches	3.9	5.9	7.9	9.9	11.8
O.D. mm	6	6	6	6	6
O.D. inches	1/4	1/4	1/4	1/4	1/4
Shipping Weight lbs	TBA	0.54	0.71	0.44	0.54
Case Quantity	12	12	12	6	6
Case Price	66.00	69.39	84.03	47.21	51.36



STIRRING RODS WITH FLAT ENDS - SOLID PTFE

303334	-0000	-0001	-0002	-0003	-0004
Length mm	100	150	200	250	300
Length inches	3.9	5.9	7.9	9.9	11.8
O.D. mm	8	8	8	8	8
O.D. inches	5/16	5/16	5/16	5/16	5/16
Shipping Weight lbs	0.2	0.3	TBA	0.7	0.9
Case Quantity	12	12	12	6	6
Case Price	58.35	61.08	83.27	46.88	52.12

Stirrers Polypropylene

The blades are made of chemically resistant polypropylene and are fixed to a PVC-covered steel rod with a diameter of 8 mm (approx. 5/16") x 350 mm (approx. 13 3/4") long.

POLYPROPYLENE STIRRERS

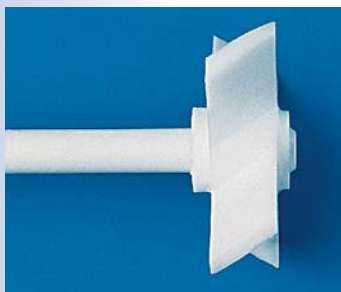
	212585	212595	212605	212615
Description	Two fixed blades	"U" shaped blade	Centrifugal blades	Centrifugal blades
Blade Width mm	40	65	60 fully extended	100 fully extended
Blade Height mm	15	78	26	39
Shipping Weight lbs	0.5	TBA	TBA	TBA
Pack Quantity	5	5	5	5
Pack Price	59.67	72.34	103.59	144.57



Stir Accessories

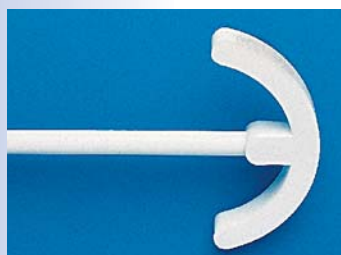
Shaft Stirrer / Blades

These stirrers are manufactured in a complete range of sizes and shaft lengths. They are inert, unbreakable, will not scratch and are useable to 260°C.



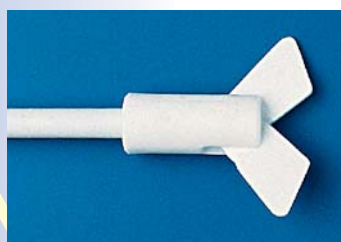
SCREW PROPELLER

312504	-0001	-0002	-0003	-0004
Shaft Diameter mm	6	6	9.5	9.5
Shaft Length mm	400	500	550	650
Rotor Diameter mm	40	40	60	60
Shipping Weight lbs	0.15	0.17	0.5	0.55
Price Each	82.17	89.05	96.49	111.67



ANCHOR PROPELLER

312514	-0001	-0002	-0003	-0004	-0005	-0006
Shaft Diameter mm	6	6	9.5	9.5	9.5	9.5
Shaft Length mm	400	500	550	650	550	650
Rotor Diameter mm	80	80	100	100	140	140
Shipping Weight lbs	0.18	0.2	TBA	0.6	0.63	0.7
Price Each	44.58	48.31	57.59	64.91	74.42	96.92



CENTRIFUGAL PROPELLER

312524	-0001	-0002	-0003	-0004
Shaft Diameter mm	6	6	9.5	9.5
Shaft Length mm	400	500	550	650
Rotor Diameter mm	50	50	70	70
Shipping Weight lbs	TBA	TBA	0.46	0.52
Price Each	48.51	57.59	64.91	81.84



SQUARE END

312534	-0001	-0002	-0003
Blade Thick mm	3.2	3.2	3.2
Blade Wide mm	52	76	90
Blade Height mm	14	19	28
Shipping Weight lbs	0.008	0.015	0.03
Price Each	5.24	6.45	7.54

PLAIN END

312544	-0001	-0002	-0003	-0004	-0005
Blade Thick mm	3.2	3.2	3.2	3.2	3.2
Blade Wide mm	65	75	105	125	150
Blade Height mm	25	25	25	25	25
Shipping Weight lbs	0.015	0.02	0.03	TBA	0.04
Price Each	6.12	6.45	7.59	7.87	8.63

SHAFTS ONLY FOR ABOVE BLADES

312554	-0001	-0002	-0003	-0004
Shaft Diameter mm	6	6	9.5	9.5
Shaft Length mm	400	500	550	650
Shipping Weight lbs	0.12	0.14	0.42	0.5
Price Each	41.20	44.58	50.26	64.91



Stirrer Guides

May be used with all types of standard shaft stirrers in PTFE, glass or stainless steel with 6 or 9.5mmØ shaft. Virtually unbreakable, operates at medium to high vacuum, has internal adjustable precision Glass-PTFE seal, cooling reservoir, and fits standard ground glass joints.

STIRRER GUIDES

312564	-0001	-0002	-0003	-0004	-0005
Shaft Diameter mm	6	6	9.5	9.5	9.5
Fits Glass Joints	19/38	24/40	24/40	29/42	34/45
Shipping Weight lbs	0.53	TBA	0.6	0.66	TBA
Price Each	161.95	161.95	161.95	237.13	237.13

Stirrers... Swabs

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. Shipping weight is 4.0 lbs.

204015

Magnetic Stirrer, Non-Electric

375.90 pack of 5



Stopcocks LDPE and PTFE

Molded polyethylene stopcocks with ribbed handles requiring just a quarter turn to shut off flow. Key needs no lubrication. NOTE: Not intended for use in pressurized lines, maximum pressure 0.7 psi (50 cm of water). Available in two popular sizes.

PTFE stopcock suitable for many applications. Larger bore promotes high volume with fast flow. 9mm neck fits many standard items including separating funnels, tubing and burettes. Excellent for use with caustic and corrosive chemicals. Non-stick surface makes for complete and easy clean-up.

STOPCOCKS LDPE AND PTFE

	364605	364615	364594-0000
Material	LDPE	LDPE	PTFE
Fits Tubing I.D. mm	9	12	9
Fits Tubing I.D. inches	3/8	1/2	3/8
Length mm	82	98	63
Shipping Weight lbs	0.22	0.28	1.0
Pack Quantity	6	6	1
Pack Price	52.12	64.25	19.00



364605 and 364615



364594-0000

Miniature Stopcocks HDPE/PP

The low friction properties of high density polyethylene allows for easy turning of key which requires no lubricant, thus eliminating blockage of the bores with grease.

MINIATURE STOPCOCKS HDPE/PP

	228255	228265	228275	228285
O.D. mm	8	10	14	16
Material	PP	HDPE	HDPE	HDPE
Shipping Weight lbs	0.1	0.13	0.23	0.3
Case Quantity	10	10	10	10
Case Price	14.53	15.08	17.48	17.48



Cotton Swabs

Disposable cotton swabs manufactured of USP grade purified cotton firmly attached to one end of wood shaft. May be autoclaved. Useful in bacteriology labs for inoculating broths, plated media or for obtaining culture specimens. Also useful for cleaning delicate instruments.

COTTON SWABS

	394305	394325	394345	394365
Head Description	Regular head	Pointed head	Small Head	Regular head
Shaft Material	Wood	Wood	Wood	Wood
Length inches	2 3/4	3	6	6
Shipping Weight lbs	0.65	TBA	1.0	1.14
Case Quantity	1000	1000	1000	1000
Case Price	18.80	20.77	21.96	21.09



Swabs



Enviro-Swabs™

Reticulated design is precision molded from superior grade, open cell polyurethane 100 ppi foam, consistently demonstrating low particulation and chemical cleanliness. Enviro-Swabs are non-silicone formulated, hot-wire cut and slit (not die cut and sealed). A thermally bonded head to handle eliminates the use of adhesives for maximum reliability and performance. These swabs are non-linting and non-scratching. They may be used with alcohol, acetone, oils, greases and solvents.

ENVIRO-SWABS™

	394085	394125	394145	394185	394225
Shaft Material	PP	Wood	Wood	PP	PP
Length inches	3	6	6	6	6
Shipping Weight lbs	0.64	0.75	0.77	0.55	0.76
Case Quantity	500	500	500	500	500
Case Price	76.39	94.19	94.19	94.19	105.34



Anti-Static Foam Tipped Applicators

Choose from swabs that feature an anti-static foam head - or swabs with completely static-free construction. Static dissipative swabs attract dirt and dust for easy cleaning, while reducing and dissipating static electricity. Anti-static properties will not decay over time. Swabs meet all industry standards and requirements, including ASTM-D257 and federal test method 4046, standard #101C.

ANTI-STATIC FOAM TIPPED APPLICATORS

394014	-0001	-0002	-0003	-0004
Shaft	Polyolefin	Polyolefin	Wood	Wood
Tip Material	Foam	Foam	Foam	Foam
Tip Diameter inches	11/16	3/16	3/16	3/8
Tip Length inches	1	11/16	11/16	13/16
Shipping Weight lbs	TBA	TBA	TBA	TBA
Case Quantity	1000	1000	1000	1000
Case Price	315.94	241.11	208.32	208.32



Chemical Resistant Applicators

The tips on these applicators are specially designed to withstand many of the chemicals and solutions commonly used in clean rooms. Foam tips are resistant to deterioration - they won't swell or break apart. Available in styles with wood or polypropylene shafts.

CHEMICAL RESISTANT APPLICATORS

394004	-0001	-0002	-0003	-0004
Shaft	Wood	Wood	Polypropylene	Polypropylene
Tip Material	Foam	Foam-over-Cotton	Foam-over-Cotton	Spatula
Tip Diameter inches	3/16	3/16	3/16	3/16
Tip Length inches	11/16	15/16	15/16	9/16
Shipping Weight lbs	TBA	TBA	TBA	TBA
Case Quantity	1000	1000	1000	1000
Case Price	208.32	241.11	241.11	229.34



Let Dynalon surprise you with our abilities to meet your custom needs...
see pages 124 and 125

CUSTOM PLASTIC FABRICATION

Syringes... Tote Boxes

Syringes, PTFE

NEW

- ✓ Available in 10 and 13mm diameters
- ✓ Auto dispenser plunger or manual plunger
- ✓ Smooth surface for ease of cleaning to eliminate contamination

These PTFE syringes are virtually immune to chemical attack, only attacked by some fluorine containing compounds at high temperature and molten alkalis metals. Working temperature range is from cryogenic to 260°C. non-sticking.

SYRINGES, PTFE

	302704-0001	302704-0002
Diameter mm	10	13
Shipping Weight lbs	TBA	TBA
Price Each	29.87	31.93



Tissue Grinders - Homogenizers

These Tissue Grinders-Homogenizers are used for the controlled reduction of particle size and homogenization for a variety of substances, especially biological material. Size reduction/homogenization is brought about by the shearing forces generated by the movement of a rotating plunger in a precision bore tube. Determining factors include clearance between plunger head and tube, speed of rotation and viscosity of medium. The Dynalon® plunger head is pure PTFE, plunger shaft is stainless steel, 6.5mmØ tube, precision borosilicate glass, and the clearance between plunger head and tube 0.15-0.25mm. Other clearances are readily available, upon request. Volumes stated are working volumes with plunger in place.

GLASS VESSEL TISSUE GRINDER - HOMOGENIZER

331384	-0000	-0001	-0002	-0003	-0004	-0005
Height mm	120	135	150	155	175	195
Diameter mm	8	12	15	19	25	32
Capacity ml	2	5	10	15	30	50
Shipping Weight lbs	TBA	0.1	0.1	0.14	0.2	0.35
Price Each	19.56	20.87	22.73	29.50	35.95	44.26

PLUNGER-PLAIN TISSUE GRINDER - HOMOGENIZER

331394	-0000	-0001	-0002	-0003	-0004	-0005
Capacity ml	2	5	10	15	30	50
Shipping Weight lbs	0.12	0.14	0.17	0.2	0.25	0.34
Price Each	16.26	18.58	20.32	24.37	28.41	36.17

PLUNGER-SERRATED TOP TISSUE GRINDER - HOMOGENIZER

331404	-0000	-0001	-0002	-0003	-0004	-0005
Capacity ml	2	5	10	15	30	50
Shipping Weight lbs	0.13	0.14	0.17	0.19	0.24	0.35
Price Each	19.01	19.67	21.53	26.12	32.01	39.45



Utility Carrier HDPE

Useful for carrying lab items, bottles, samples, cleaning aids, tools, etc. Molded-in center division and carrying handle. Dimensions: 14 1/2" x 9 1/8" x 4" high. Shipping weight is 9.6 lbs.

408164

Utility Carrier

46.55 pack of 6



Tote Boxes



Section Trays

All 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.

SECTION TRAYS

	408095	408105	408125
Length inches	9	12	15
Width inches	6	3	3
Depth inches	12	12	24
Shipping Weight lbs	3.2	2.8	7.4
Case Quantity	12	12	24
Case Price	55.51	45.90	112.45



Utility Pan LDPE

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

409144

Utility Pan LDPE

45.90 pack of 4



Tote Box HDPE

Molded of high density polyethylene. Lightweight, but strong and durable. Chemically resistant to alkalis, oils, acids and detergents. Acceptable for use with food and food products. Tapered construction permits easy nesting.

TOTE BOX HDPE

	419244	419264
Length inches	20	21 3/8
Width inches	12	15 1/2
Depth inches	6	6
Shipping Weight lbs	8.4	9
Case Quantity	6	6
Case Price	85.02	99.00



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.

STERILIZING TOTE BOXES PP

	410535	410535-0001	410545	410555	410565
Length inches	12	Cover for 410535	19	20 1/4	15 1/4
Width inches	7 3/4	N/A	10 1/4	15 1/4	13
Depth inches	5 1/8	N/A	5 1/8	5	7 7/8
Shipping Weight lbs	4.9	1.6	9.6	15.2	1.2
Case Quantity	6	6	6	6	6
Case Price	61.31	55.51	104.79	147.85	140.97

Tote Boxes... Trays

Trays with Covers LDPE

Trays with tight-fitting covers. Molded of transparent low density polyethylene. Useful for many lab and industrial applications.

TRAYS WITH COVERS LDPE

	407504	407514	407524	407534	407544	407554
Length inches	5 1/2	5 7/8	7 1/4	9 1/4	9 1/2	14 3/4
Width inches	5 1/2	5 1/2	5 3/8	6 5/8	6 5/8	10 1/2
Depth inches	2 3/8	2 1/8	3 3/8	2 7/8	5 1/2	3 1/4
Shipping Weight lbs	2.7	3.2	5.2	3.0	4.0	5.2
Case Quantity	12	12	12	6	6	6
Case Price	54.20	54.20	70.81	40.65	58.35	90.92



Round Trays PP & LDPE

Fabricated trays of polypropylene are heavy wall (3/16"), corrosion resistant and may be autoclaved. Fabricated trays of polyethylene are heavy wall (3/16"), corrosion resistant and durable. Trays can be customized with spigots and covers which are fabricated to order. Additional sizes available upon request.

ROUND TRAYS POLYPROPYLENE

	109844	109854	109864
Diameter inches	10	15	20
Depth inches	3	3	4
Shipping Weight lbs	1.6	3	5.6
Price Each	48.63	73.33	85.67



ROUND TRAYS HDPE

	109804	109814	109824	109834
Diameter inches	12	15	18	24
Depth inches	3	3	4	6
Shipping Weight lbs	2.2	2.6	4.6	9.2
Price Each	51.25	64.80	79.99	97.04



Trays PP & HDPE

Heavy trays fabricated with 1/4" thick polypropylene or high density polyethylene. All welded construction. All trays below can be customized with spigots and covers which are fabricated to order. Additional sizes and materials available upon request.

TRAYS POLYPROPYLENE

	107304	107314	107324	107334	107344	107354
Length inches	10	15	18	22	20	12
Width inches	15	20	18	26	20	16
Depth inches	3	3	4	4	6	8
Shipping Weight lbs	2.8	TBA	5.4	7.6	7.2	5.2
Price Each	56.38	72.88	87.63	98.34	104.91	71.25



Polypropylene

TRAYS HDPE

	109874	108874-4	108874-5	108874-6	108874-7	108874-8
Length inches	15 1/2	22	18	18	12	16
Width inches	17 1/2	26	18	24	16	16
Depth inches	3	4	6	6	8	8
Shipping Weight lbs	6	10.2	8.2	9.8	TBA	8.0
Price Each	43.17	46.88	40.65	53.98	47.09	56.71



High Density Polyethylene

TRAYS HDPE

	109884	109894	109904	109914	109924	109934
Length inches	15 1/2	12	15 1/2	16	18	23 1/4
Width inches	17 1/2	16	17 1/2	20	22	29 1/4
Depth inches	4	3	5	4	4	3 3/4
Shipping Weight lbs	6.4	4.0	6.8	7.0	7.8	11.2
Price Each	46.88	40.65	53.98	47.09	56.71	77.58

Trays... Tubes



Dispensing Trays HDPE

Heavy trays fabricated with 1/4" thick high density polyethylene. All welded construction. Dispensing trays are supplied with polypropylene dispensing valve located as close to the tray bottom as possible, but can be in other locations upon request. All trays below can be customized with spigots and covers which are fabricated to order. Additional sizes and materials available upon request.

DISPENSING TRAYS HDPE

108884	-0001	-0002	-0003	-0004	-0005	-0006	-0007	-0008
Length inches	12	16	18	22	18	18	12	16
Width inches	16	20	22	26	18	24	16	16
Depth inches	3	4	4	4	6	6	8	8
Shipping Weight lbs	4.4	7.4	8.2	10.6	8.4	10.2	TBA	8.4
Price Each	54.86	62.56	62.61	80.97	80.32	82.29	68.52	84.69



Dishes, Photographic White PVC

- ✓ Do not chip and are easily cleaned
- ✓ Accept standard photographic paper
- ✓ Ribbed with pouring lip

PHOTOGRAPHIC DISHES PVC

508145	-0001	-0002	-0003	-0004	-0005	-0006	-0007
Base Internal Length mm	185	230	260	300	420	510	650
Base Internal Width mm	127	170	200	250	320	425	520
Height mm	50	65	65	62	75	75	90
Shipping Weight lbs	0.27	0.34	0.47	0.7	1.0	1.1	2.8
Price Each	3.89	5.31	6.37	11.18	13.44	19.81	38.90



See Tube Racks on pages 108 - 113



Centrifuge Tubes PTFE

Manufactured from pure PTFE with super-smooth internal finish. Inert and useable to 260°C. Also supplied in a leakproof screw closure version.

CENTRIFUGE TUBES PTFE

	331324-0000	331324-0001	331344-0000	331344-0001
Bottom Description	Conical w/ rim	Conical w/ rim	Round w/ rim	Round w/ rim
Capacity ml	13	15	8	18
O.D. mm	16	18	12	18
Length mm	110	120	100	100
Shipping Weight lbs	0.03	0.03	0.02	0.04
Price Each	22.07	24.37	21.41	22.07

CENTRIFUGE TUBES PTFE

	331354-0000	331354-0001	331364-0000	331364-0001
Bottom Description	Conical w/ screw cap	Conical w/ screw cap	Round w/ screw cap	Round w/ screw cap
Capacity ml	13	15	8	18
O.D. mm	16	18	12	18
Length mm	115	125	105	105
Shipping Weight lbs	0.05	0.06	0.04	0.07
Price Each	37.59	46.44	45.78	48.08



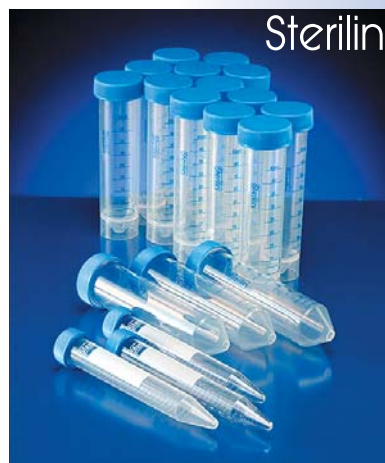
Tubes, Centrifuge PP

- ✓ Available in 50ml and the new 15ml capacities
- ✓ Investment in new high quality molds ensure superior finish
- ✓ Guaranteed sterile by gamma irradiation
- ✓ Non-pyrogenic to 0.25 EU/ml
- ✓ Conical base - 50ml tube available skirted or unskirted
- ✓ Crisp, clear, easy to read graduations

Sterilin single use centrifuge tubes are the reliable and cost effective tool for microbiological or cell culture procedures and general centrifugation applications. The new superior quality 15ml centrifuge tube was specifically developed for high speed centrifugation up to 10,000 x g and has crisp clear, easy to read graduations. The 50ml tubes, made in high clarity medium grade polypropylene, is suitable for centrifugation up to 6,000 x g and is available with a conical base, unskirted or free-standing. Both types of 15ml tubes are available bulk packed in bags of 50, or rack packed in EPS racks of 50 (for convenience racks are breakable into 2 x 25). 50ml tubes are available packed in bags of 25, in cartons of 250. Unskirted product has an EPS rack in each carton.

STERILE TUBES, CENTRIFUGE PP

599364	-0001	-0002	-0003	-0004
Capacity ml	50	50	15	15
Shipping Weight lbs	8.2	8.8	TBA	TBA
Case Quantity	250	250	16 packs of 50=800	16 packs of 50=800
Case Price	95.83	95.83	123.38	180.31



Round Centrifuge Tube PP

- ✓ Useful as test tubes
- ✓ Low cost enough to be disposable
- ✓ Optional closure is plugged and screwed in

Round tubes with beaded rim. Will withstand RCF up to 5000. Resistant to steam sterilization (121°C). Optional closures available.

CENTRIFUGE TUBES PP

399345	-0007	-0010	-0016	-0026	-0048	-0075	-0110	-0160	-0200
Capacity ml	7	10	16	26	48	75	110	160	200
O.D. mm	12	16	18	24	30	35	40	45	50
Height mm	100	100	100	90	100	100	120	120	120
Shipping Weight lbs	4.0	6.0	11.0	7.0	5.5	6.5	4.2	3.2	5.8
Pack Quantity	100	250	200	50	25	20	20	10	10
Case Quantity	500	1000	1000	500	250	200	200	100	100
Case Price	106.98	138.77	156.15	179.31	141.18	173.52	230.24	173.52	202.48



CENTRIFUGE TUBE CLOSURES PE

399355	-0001	-0002	-0004	-0005	-0007	-0008	-0009	-0010	-0011
Size mm	12	16	18	24	30	35	40	45	50
To Fit Above	-0007	-0010	-0016	-0026	-0048	-0075	-0110	-0160	-0200
Shipping Weight lbs	1.5	2	4.8	3.8	1.4	4	2.8	1.8	2.0
Case Quantity	500	1000	1000	500	250	200	200	100	100
Case Price	14.86	36.39	46.88	32.46	24.37	25.46	28.95	14.53	16.28

Test Tube Stoppers LDPE

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

TEST TUBE STOPPERS LDPE

	276145	276155
Fits Tubes mm	11-12	16
Shipping Weight lbs	1.2	2.0
Case Quantity	1000	1000
Case Price	29.28	32.89



Tubes... Tube Racks



Microcentrifuge Tubes PP

- ✓ 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

PREMIUM QUALITY 1.5ML MICROCENTRIFUGE TUBES PP

399325	-0000	-0001	-0002	-0003	-0004	-0005	-0006
Color	Natural	Yellow	Blue	Green	Orange	Amber	Rainbow Pack
Shipping Weight lbs	2.4	2.4	2.4	2.4	2.4	2.4	TBA
Case Quantity	1000	1000	1000	1000	1000	1000	600
Case Price	24.26	24.26	24.26	24.26	24.26	24.26	17.59

ECONOMY MICROCENTRIFUGE TUBES - NATURAL

	299265	399275
Capacity ml	.5	1.5
Description	With Cap	Without Cap
Shipping Weight lbs	1.2	1.5
Case Quantity	1000	1000
Case Price	25.25	23.17



Tube Rack, Hybridization

Sturdy acrylic racks organize and store hybridization tubes before and after incubation. They are perfect for holding tubes during membrane preparation and filling with hybridization solutions. Additional sizes available upon request.

TUBE RACKS, HYBRIDIZATION

159534	-0001	-0002	-0003
Holds # of tubes	6	6	4
Tube Size mm	38	44	80
Length inches	10.5	10.5	12
Width inches	7.5	7.5	7.5
Depth inches	5.5	5.5	5.5
Hole Diameter inches	1.62	1.75	3.15
Shipping Weight lbs	TBA	5.2	3.8
Price Each	83.36	83.36	83.36



Test Tube Racks HDPE

TEST TUBE RACKS HDPE

	416034	416044	416054	416064
Number of Tubes	Holds 12	Holds 12	Holds 17	Holds 12
Tube Size O.D. mm	20-22	18-20	10-14	28-32
Number of Spindles	5	5	5	0
Spindle Size inches	1/2	1/2	5/16	N/A
Length inches	8	8	7 1/4	10 1/2
Width inches	4	4	3 1/4	4
Height inches	2 3/8	2 3/8	2	2 1/8
Shipping Weight lbs	TBA	9.75	0.3	0.44
Case Quantity	36	36	24	24
Case Price	383.11	383.11	273.40	342.78

Tube Racks

Test Tube Rack, Kit Form HDPE

This simple rack has 6 holes of 25mm diameter and its shape ensures good visibility making it ideal for classroom work. There are six drying pegs on the front of the stand which is supplied flat and is very easy to assemble for use or disassemble for storage. Shipping weight is 1.15 lbs.

516075

Test Tube Rack, Kit Form

34.75 pack of 6

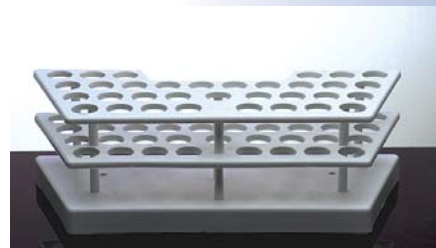


Test Tube Supports PP

Autoclavable polypropylene supports have excellent chemical resistance and are built to last. Available in two sizes—#459134 for the most commonly used tubes and #459144 for serological tubes.

TEST TUBE SUPPORTS PP

	459134	459144
Holds Tube Description	Common Tubes	Serological Tubes
Holds Number of Tubes	36	16
Tube Diameter mm	14-17	10-14
Length inches	10 1/8	9 3/8
Width inches	3 3/4	2 1/2
Depth inches	3 1/4	2 5/8
Shipping Weight lbs	1.7	0.97
Case Quantity	6	6
Case Price	86.22	70.48



Test Tube Stoppers PP

"Full-View" patented design gives these polypropylene test tube supports excellent visibility. Ideal as a drying rack. Heat resistant, chemically resistant, and easy to clean. With the s459154-0001, storage of 1,168 test tubes per cubic foot is possible. Plus convenience of easy retrieval. Products 459154-0004 and 459154-0005 may be used for scintillation vials and small containers.

TEST TUBE SUPPORTS PP

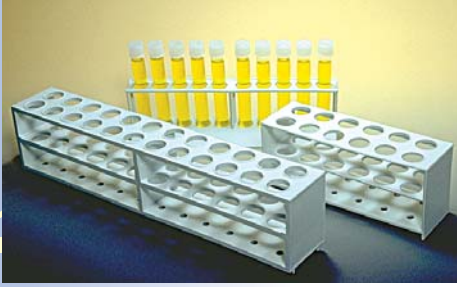
	459154-0001	459214-0001	459224-0001	459234-0001	459154-0002
Color	White	Yellow	Orange	Blue	White
Holds # of Tubes	80	80	80	80	50
Tube Size mm	10-13	10-13	10-13	10-13	14-17
Rows	5 x 16	5 x 16	5 x 16	5 x 16	5 x 10
Drying Pins	102	102	102	102	66
Length inches	9	9	9	9	7
Width inches	3 1/2	3 1/2	3 1/2	3 1/2	4
Depth inches	2 5/8	2 5/8	2 5/8	2 5/8	2 3/4
Shipping Weight lbs	7.2	7.2	7.2	7.2	7.1
Pack Quantity	24	24	24	24	24
Pack Price	302.57	302.57	302.57	302.57	344.75



TEST TUBE SUPPORTS PP

	459154-0003	459154-0004	459154-0005	459154-0006
Color	White	White	White	White
Holds # of Tubes	40	30	24	160
Tube Size mm	18-20	22-25	25-32	10-13
Rows	4 x 10	3 x 10	3 x 8	8 x 20
Drying Pins	55	44	36	189
Length inches	9	11	11	11 1/8
Width inches	4 1/8	4	5	5 1/4
Depth inches	3	3	3	2 5/8
Shipping Weight lbs	8.7	12.8	11.42	TBA
Pack Quantity	24	24	12	12
Pack Price	344.75	344.75	199.32	320.94

Tube Racks



Test Tube Rack HDPE

Lightweight, unbreakable test tube rack. Molded of high density polyethylene. Will withstand temperatures up to 110° C. Three-tier racks have legs to raise them from table. Excellent chemical resistance.

TEST TUBE RACK HDPE

	259845	259865	259885	259925
Description	2 tier rack	3 tier rack	3 tier rack	3 tier rack
Holds # of Tubes	10	12	12	24
Tube Size mm	18	12	19	19
Length inches	9 3/4	7 1/2	7 1/2	15
Width inches	2 3/8	2 3/8	2 3/8	2 1/2
Depth inches	2 7/8	3 1/8	3 1/8	3 1/2
Shipping Weight lbs	1.2	1.4	1.3	3.2
Pack Quantity	5	5	5	5
Pack Price	51.47	60.21	60.21	120.31



Refrigerator-Freezer Storage Rack

Clear acrylic racks for storage of 16mm specimen tubes for refrigerator or freezer. Rack allows sufficient space for labeling of individual specimen tubes. Rack is sized to utilize available space efficiently and have hand grips. Additional sizes available upon request.

REFRIGERATOR-FREEZER STORAGE RACK

	159515	-0000	-0001	-0002	-0003
Holds # of Tubes	225	100	200	300	300
Length inches	14	9 1/2	18 1/2	27	27
Width inches	14	9 1/2	9 1/2	9 1/2	9 1/2
Depth inches	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
Shipping Weight lbs	3.8	2.0	3.4	4.8	4.8
Price Each	72.34	67.09	72.34	86.77	86.77



Test Tube Supports

Test Tube Supports for 10, 13, 16, 20 mm tubes. Acrylic units have clear shelves with white sides and bases. *Supplied with carry holes. Additional sizes available upon request.

TEST TUBE SUPPORTS

	159505	-0001	-0002	-0003	-0004	-0005	-0006	-0007	-0008
Holds # of Tubes	15	18	20	24	48	72	100	144	144
Tube Size mm	10	13	13	13	13	13	13	13	13
Shipping Weight lbs	0.33	0.44	0.5	0.5	0.8	1.0	1.6	TBA	TBA
Price Each	11.78	13.91	16.91	17.45	26.44	32.38	47.23	51.68	51.68

TEST TUBE SUPPORTS

	-0009	-0010	-0011	-0012	-0013	-0014	-0015*	-0016
Holds # of Tubes	12	18	20	24	18	72	72	100
Tube Size mm	16	16	16	16	16	16	16	16
Shipping Weight lbs	0.45	0.5	0.6	0.6	1.0	TBA	TBA	1.8
Price Each	10.58	14.84	17.02	18.01	29.99	37.41	38.06	48.08

TEST TUBE SUPPORTS

	-0017	-0018	-0019	-0020	-0021	-0022
Holds # of Tubes	144	18	20	24	48	72
Tube Size mm	16	20	20	20	20	20
Shipping Weight lbs	2.4	0.66	TBA	TBA	1.2	1.8
Price Each	53.13	16.90	18.76	20.39	32.28	39.95



Now priced individually!

Tube Racks

Blood Bank Cross Match Holders

These racks are manufactured of clear acrylic shelves with white bases and sides. For typing, screening and other blood bank applications. For blood donor processing. Holds donor sample tubes as well as tubes for donor's serum and cell suspension, ABO, Rh, antibody grouping and screening.

BLOOD BANK CROSS MATCH HOLDERS

159565	-0001	-0002
Total # of Tubes	24	29
Tube Breakdown	4:16mm sample tubes 20:10mm cross-match	1:16mm sample tubes 1:13mm pilot tube serum 27:10mm phenotype, genotype and cross match tubes
Length inches	11 1/2	8 3/4
Width inches	2 1/2	2 1/2
Depth inches	2 1/2	2 1/2
Shipping Weight lbs	0.55	TBA
Price Each	16.49	17.82



Now priced individually!

BLOOD BANK CROSS MATCH HOLDERS

159565	-0003
Total # of Tubes	38 (for five sets of tubes with printed identification on top panel)
Tube Breakdown	Set 1- 1:16mm patient, 1: Serum tube, 1: Cell suspension tube Set 2- 4:10-14mm Forwarding group tubes Set 3- 3: Reverse grouping tubes Set 4- 16: Major cross-match tubes Set 5- 12: Minor cross-match tubes
Length inches	10
Width inches	3 3/4
Depth inches	2 1/2
Shipping Weight lbs	0.6
Price Each	24.99

BLOOD BANK CROSS MATCH HOLDERS

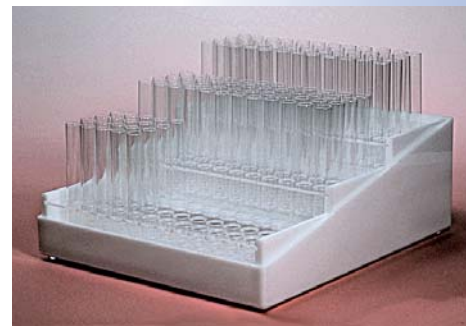
159565	-0004
Total # of Tubes	90
Tube Breakdown	6:16mm Donor sample tubes 84:10-13mm Donor serum and cell suspension, ABO, Rh, antibody and screening
Length inches	13 1/4
Width inches	5 1/4
Depth inches	2 1/2
Shipping Weight lbs	1.2
Price Each	52.86

Multi-Deck Holders with Racks

Multi-deck holders are fabricated of white acrylic. Can be used for storage or freezing and will withstand sterilizing to 80°C. Holders come complete with specified test tube support racks described above. Additional sizes available upon request.

MULTI-DECK HOLDERS WITH RACKS

159525	-0001	-0002	-0003	-0004
Holds Rack #	159505-0004	159505-0005	159505-0012	159505-0013
Holds # of Racks	4	3	4	3
Holds # of Tubes	96 each rack	144 each rack	96 each rack	144 each rack
Tube Size mm	13	13	16	16
Length inches	11	11	11	12
Width inches	10	12	12	13
Depth inches	6	5	6	5
Shipping Weight lbs	4.6	5.9	6.0	TBA
Price Each	92.53	100.51	95.07	112.77



Now priced individually!

Tube Racks, Microcentrifuge



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 (approx. 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". Shipping weight for 202965-0001 is 1.2 lbs and 1.26 lbs for 202965-0002.

202965-0001
202965-0002

Rack for 1.5ml tubes
Rack for 0.5ml tubes

60.76 pack of 6
60.76 pack of 6



Microcentrifuge Tube Racks HDPP

For 1.5 ml micro test tubes available in four colors. Can accommodate 50 micro tubes with lid open (without interfering) or 100 micro tubes with lid closed or without lids. Racks are stackable even when completely loaded with test tubes.

MICROCENTRIFUGE TUBE RACKS HDPP

225675	-0000	-0001	-0002	-0003
Color	White	Red	Blue	Yellow
Shipping Weight lbs	2.0	2.0	2.0	2.0
Pack Quantity	5	5	5	5
Pack Price	65.13	65.13	65.13	65.13



Wet/Dry Test Tube Racks HDPP



These racks for tubes up to 13mm 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. Available in three colors for easy identification. Shipped flat, easily and permanently snapped together to save shipping expense and reduce shelf space needed in store-rooms.

- ✓ Solid High Density PP; maximum temperature 90°C.
- ✓ Resistant to steam sterilization up to 121°C.
- ✓ Will not rust or corrode makes epoxy-coated wire racks obsolete
- ✓ Supplied flat for economical storage and shipping

WET/DRY TEST TUBE RACKS HDPP

225645	-0000	-0001	-0002
Color	White	Blue	Red
Holds # of Tubes	90	90	90
Size of Tubes mm	13	13	13
Shipping Weight lbs	1.8	1.8	1.8
Case Quantity	5	5	5
Case Price	44.58	44.58	44.58

WET/DRY TEST TUBE RACKS HDPP

225655	-0000	-0001	-0002
Color	White	Blue	Red
Holds # of Tubes	60	60	60
Size of Tubes mm	16	16	16
Shipping Weight lbs	2.0	2.0	2.0
Case Quantity	5	5	5
Case Price	44.58	44.58	44.58

WET/DRY TEST TUBE RACKS HDPP

225665	-0000	-0001	-0002
Color	White	Blue	Red
Holds # of Tubes	40	40	40
Size of Tubes mm	20	20	20
Shipping Weight lbs	1.6	1.6	1.6
Case Quantity	5	5	5
Case Price	44.58	44.58	44.58



See Microcentrifuge
Tubes on page 107

Tube Rack Holder... Tubing



Rack Holder

This clear acrylic rack holder is suitable for use on a bench top or in a freezer to maximize use of space. This rack holder has four shelves to hold eight trays including fraction collector trays. It can fit many different racks. The dimension of this holder is 6 1/2"W x 9"D x 9"H. Compartment dimensions are 6"W x 8 1/2"D x 2"H. Supplied with non-skid feet. Shipping weight is 6.0 lbs.

172175

Rack Holder

68.30 each



See Tube Cutters page 115

Vinyl Laboratory Tubing

The data at side 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.

VINYL LABORATORY TUBING

610855	-0001	-0002	-0003	-0004	-0005	-0006	-0007	-0008
I.D. inches	.120"	1/8	3/16	3/16	3/16	1/4	1/4	1/4
O.D. inches	.170	1/4	5/16	3/8	7/16	3/8	7/16	1/2
Wall Thickness inches	.025	1/16	1/16	3/32	1/8	1/16	3/32	1/8
Shipping Weight lbs	2.1	1.6	1.8	5.2	7.6	2.2	3.4	4.6
Feet Per Case	200	50	50	100	100	50	50	50
Case Price	34.97	13.33	17.38	48.74	78.89	21.41	31.81	45.68

VINYL LABORATORY TUBING

610855	-0009	-0010	-0011	-0012	-0013	-0014	-0015	-0016
I.D. inches	5/16	5/16	5/16	3/8	3/8	3/8	7/16	7/16
O.D. inches	7/16	1/2	9/16	1/2	9/16	5/8	9/16	5/8
Wall Thickness inches	1/16	3/32	1/8	1/16	3/32	1/8	1/16	3/32
Shipping Weight lbs	2.8	7.2	10.6	3.0	4.6	6.0	6.8	9.8
Feet Per Case	50	100	100	50	50	50	100	100
Case Price	28.95	83.49	95.08	30.70	44.03	60.76	72.99	92.66

VINYL LABORATORY TUBING

610855	-0018	-0019	-0020	-0025	-0026	-0031	-0033	-0035
I.D. inches	1/2	1/2	1/2	5/8	5/8	3/4	7/8	1
O.D. inches	5/8	11/16	3/4	13/16	7/8	1	1 1/8	1 1/4
Wall Thickness inches	1/16	3/32	1/8	3/32	1/8	1/8	1/8	1/8
Shipping Weight lbs	3.8	5.6	7.8	6.6	9.0	10.0	12.2	14.6
Feet Per Case	50	50	50	50	50	50	50	50
Case Price	37.04	54.96	74.09	72.88	97.14	109.93	161.95	167.19

VINYL LABORATORY TUBING

610855	-0037	-0038	-0039	-0040	-0045
I.D. inches	1	1 1/4	1 1/2	2	3
O.D. inches	1 3/8	1 3/4	2	2 1/2	3 1/2
Wall Thickness inches	3/16	1/4	1/4	1/4	1/4
Shipping Weight lbs	22.4	27.6	42.0	TBA	47.4
Feet Per Case	50	50	50	50	50
Case Price	208.16	335.47	427.91	540.68	1069.78



- ✓ Non-toxic
- ✓ Transparent & inert
- ✓ Smooth & flexible
- ✓ Chemical resistant
- ✓ Available in short lengths

Physical Properties

Specific Gravity	.120
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

Tubing



Esco Medical Grade Tubing-Silescol®



- ✓ Esco Silescol® medical grade tubing is USA Food and Drug Administration (FDA) listed, (21CFR 177 2600).
- ✓ Tubing complies with requirements listed in the European pharmacopoeia EU II - July 1987 and the American Pharmacopoeia USP XXII (88) Class I - VI
- ✓ Esco Silescol® medical grade tubing is manufactured from non-toxic, translucent, medical/food grade silicone rubber and is chemically inert and can withstand repeated steam and dry heat sterilization.
- ✓ A wide range of sizes is available with dimensional tolerances maintained to BS 2775.
- ✓ Ideal for use on peristaltic pump. Esco tubing will operate temperatures between -80°C and 200°C.
- ✓ Esco Silescol® medical grade tubing is differentially permeable to various gases, technical data available on request.
- ✓ All products are sold in 15 meter lengths (49.2 feet).
- ✓ These products are not recommended for and must not be used for human or animal implementation.

ESCO - MEDICAL GRADE TUBING - SILESCOL®

	TSR 0150 050P	TSR 0150 100P	TSR 0200 050P	TSR 0200 100P	TSR 0250 100P
Bore mm	1.5	1.5	2.0	2.0	2.5
Wall mm	0.5	1.0	0.5	1.0	1.0
Overall Diameter mm	2.5	3.5	3.0	4.0	4.5
Shipping Weight lbs	TBA	TBA	TBA	0.66	0.68
Case Quantity meter	15	15	15	15	15
Case Price	26.40	26.73	26.64	28.57	29.13

ESCO - MEDICAL GRADE TUBING - SILESCOL®

	TSR 0300 200P	TSR 0320 100P	TSR 0400 160P	TSR 0500 160P	TSR 0550 160P
Bore mm	3.0	3.2	4.0	5.0	5.5
Wall mm	2.0	1.0	1.6	1.6	1.6
Outside Diameter mm	7.0	5.2	7.2	8.2	8.7
Shipping Weight lbs	TBA	TBA	TBA	TBA	TBA
Case Quantity meter	15	15	15	15	15
Case Price	53.59	32.91	51.03	54.36	62.49

ESCO - MEDICAL GRADE TUBING - SILESCOL®

	TSR 0550 250P	TSR 0600 200P	TSR 0630 160P	TSR 0630 320P	TSR 0800 200P
Bore mm	5.5	6.0	6.3	6.3	8.0
Wall mm	2.5	2.2	1.6	3.2	2.0
Outside Diameter mm	10.5	10.2	9.5	12.7	12.0
Shipping Weight lbs	TBA	TBA	2.0	4.5	TBA
Case Quantity meter	15	15	15	15	15
Case Price	97.36	73.13	69.49	137.99	90.68

ESCO - MEDICAL GRADE TUBING - SILESCOL®

	TSR 1000 300P	TSR 1600 320P
Bore mm	10.0	16.0
Wall mm	3.0	3.2
Outside Diameter mm	16.0	22.4
Shipping Weight lbs	TBA	TBA
Case Quantity meter	15	15
Case Price	163.89	225.48

As specialists in silicone rubber materials, Esco is able to offer a service for the production of non standard items. Esco frequently contributes to the success of a customer's product through involvement in a development from the outset. The unique properties of various formulations of silicone rubber with Esco's technical expertise and manufacturing skills are available to help satisfy customers requirements.

Tubing... Tubing Accessories

Tubing LDPE

Non-toxic, translucent virgin polyethylene. Contains no plasticizers, chemically inert. Not affected by most acids or alkalies. Will remain flexible with aging. 612484 is a special small bore tubing.

TUBING LDPE

612475	-0001	-0002	-0003	-0004	-0005	-0007	-0008	612484
I.D. mm	3	4	7	10	13	19	26	.045"
Wall mm	2	2	2	2	2	3	3	.140"
Shipping Weight lbs	1.6	2.2	2.6	4.0	6.1	TBA	TBA	6.2
Feet Per Pack	100	100	100	100	100	100	100	100
Pack Price	19.34	25.46	33.55	42.84	59.01	161.95	289.13	16.83



Tubing Cutter

Handy, pocket sized cutter will cut tubing from 1/16 to 1/2" O.D. with a minimum of effort. Hardened steel blade produces clean right angle cuts. Cutter jaw is spring loaded and closes automatically. Blades are easily replaced. Does not cut rubber tubing. Shipping weight for 610924 is 0.06 lbs and 0.19 lbs for 610934.

610924	Tubing Cutter	13.23 each
610934	Replacement Blades for Above	27.10 pack of 6



Quick Coupler/Check Valve PP

Ideal for in-line use or bulk mounting with laboratory, industrial, photo processing, instrumentation and many other types of equipment. Features a living hinge latch for quick connects and disconnects and an optional integral check valve to prevent reverse flow or drain back. For use with 3/8" I.D. Tubing.

SPECIFICATIONS:

Working Pressure30 PSI
Hose Size3/8" I.D.
Working Temperature . . .70° F (21° C)
Body MaterialPolypropylene
Valve MaterialEthylene Propylene (not suitable for fuel or oil)
Bulk MountingDesigned for 1/16" thick panel
Shipping Weight628235: 0.21 lbs & 628245: 0.19 lbs

628235	Quick Coupler with Check Valve	370.11 pack of 12
628245	Quick Coupler without Check Valve	319.19 pack of 12



Tubing Connectors and Adapters PP

STRAIGHT TUBING CONNECTORS PP

	227235	227245	227255	227265	227275	227285
Fits Tubing I.D. inches	1/8-7/32	3/16-7/32	1/4-3/8	3/8-7/16	7/16-9/16	1/2-5/8
Fits Tubing I.D. mm	4-5.2	6-7.8	8-9-10	10-11-12	12-13-14	14-15-16
Shipping Weight lbs	0.22	0.33	0.69	0.8	1.13	1.3
Case Quantity	100	100	100	100	100	100
Case Price	60.76	77.58	80.97	76.39	97.14	104.13

TUBE ADAPTERS PP

	227545	227555	227565
Connects I.D.s inches	1/8-5/16 to 1/4-7/16	1/8-5/16 to 7/16-5/8	1/4-7/16 to 7/16-5/8
Connects I.D.s mm	4-6-8 to 8-10-12	4-6-8 to 12-14-16	8-10-12 to 12-14-16
Length mm	86	86	92
Shipping Weight lbs	TBA	1.36	1.6
Case Quantity	100	100	100
Case Price	119.21	128.40	138.40



- ✓ Excellent chemical resistance
- ✓ Autoclavable Polypropylene
- ✓ Serrated connecting surfaces to prevent tubing slipping
- ✓ Adapters allow for connecting different diameter tubing

Tubing Accesories



"Y" Connector



4-Way Connector



"T" Connector



Equal "Y" Connector



"L" Connector

Tubing Connectors PP

- ✓ Excellent chemical resistance
- ✓ Autoclavable polypropylene
- ✓ Serrated connecting surfaces to prevent tubing slipping
- ✓ Withstands flows to 20 p.s.i.

"Y" TUBING CONNECTORS PP

	222545	222555	222565	222575	222585	222595	222605
Fits Tubing I.D. inches	1/8-5/32	3/16-7/32	1/4-5/16	3/8	7/16	1/2-9/16	9/16-5/8
Fits Tubing I.D. mm	4	6	8	10	12	14	16
Shipping Weight lbs	0.035	0.11	0.29	0.61	0.93	0.89	1.61
Case Quantity	100	100	100	100	100	100	100
Case Price	79.00	91.13	95.50	128.17	140.97	150.36	180.41

4-WAY TUBING CONNECTORS PP

	222925	222935	222945	222955	222965	022975
Fits Tubing I.D. inches	1/8-5/32	3/16-7/32	1/4-5/16	3/8	7/16	1/2-9/16
Fits Tubing I.D. mm	4	6	8	10	12	14
Shipping Weight lbs	0.06	0.016	0.19	0.57	0.84	1.36
Case Quantity	100	100	100	100	100	100
Case Price	114.52	117.14	143.48	160.85	185.11	212.86

"T" TUBING CONNECTORS PP

	227905	227915	227925	227935	227945	227955	227965
Fits Tubing I.D. inches	1/8-5/32	3/16-7/32	1/4-5/16	3/8	7/16	1/2-9/16	9/16-5/8
Fits Tubing I.D. mm	4	6	8	10	12	14	16
Shipping Weight lbs	0.04	0.12	0.24	0.39	0.84	1.2	1.55
Case Quantity	100	100	100	100	100	100	100
Case Price	79.06	91.13	95.50	128.17	140.97	150.36	180.41

EQUAL ANGLE "Y" TUBING CONNECTORS PP

	227005	227025	227045	227065	227085	227105
Fits Tubing I.D. inches	1/8-7/32	3/16-7/32	1/4-3/8	3/8-7-16	7/16-9/16	1/2-5/8
Fits Tubing I.D. mm	4-5.2	6-7-8	8-9-10	10-11-12	12-13-14	14-15-16
Shipping Weight lbs	0.1	0.1	0.76	1.38	1.8	2.42
Case Quantity	100	100	100	100	100	100
Case Price	149.93	175.61	184.02	208.71	222.70	244.12

"L" TUBING CONNECTORS PP

	227165	227175	227185	227195	227205	227215	227225
Fits Tubing I.D. inches	1/8-5/32	3/16-7/32	1/4-5/16	3/8	7/16	1/2-9/16	9/16-5/8
Fits Tubing I.D. mm	4	6	8	10	12	14	16
Shipping Weight lbs	0.04	0.1	0.16	0.28	0.45	0.76	1.0
Case Quantity	100	100	100	100	100	100	100
Case Price	41.09	53.22	67.09	78.67	87.96	98.89	120.31

Quick Disconnects LDPE

These polyethylene quick disconnects are useful for joining tubing of glass, rubber, or plastic. Connectors fit tightly together. They are tapered to accommodate a range of diameters. Replaces expensive adapters. Reducing connectors can be made by combining:

No. 228705 with 228715 to accept 4-5-6-7-8 mm I.D. tubing

No. 228725 with 228765 to accept 8-9-10-11-12 mm I.D. tubing

No. 228775 with 228785 to accept 12-13-14-15-16 mm I.D. tubing

QUICK DISCONNECTS LDPE

	228705	228715	228725	228765	227775	228785
Fits Tubing I.D. inches	1/8-7/32	3/16-5/16	1/4-3/8	3/8-7/16	7/16-9/16	1/2-5/8
Fits Tubing I.D. mm	4-5.2	6-7-8	8-9-10	10-11-12	12-13-14	14-15-16
Shipping Weight lbs	0.5	0.61	0.9	1.2	1.7	2.0
Case Quantity	100	100	100	100	100	100
Case Price	98.34	107.64	109.39	128.17	160.08	172.32

Tubing Accessories

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. Shipping weight is 0.87 lbs.

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

680505

Tubing Connector Kit

72.23 each



See Laboratory Tubing on pages 113-114



Dura-Clamp® Tubing Flow Valve PP

- ✓ Easily operated with one hand
- ✓ One piece plastic construction – will not rust or corrode

DURA-CLAMP®

	670715	670755	670725
Accepts Tubing OD	up to 1/4"	1/8" to 1/2"	up to 3/4"
Description	Mini	Standard	Maxi
Shipping Weight lbs	0.02	0.013	0.013
Case Quantity	100	25	6
Case Price	10.27	11.59	9.72



Check Valve PP

Valve prevents the reverse flow of the liquid when the pressure is interrupted. Useful for any tubing system on vacuum line. Regular size valve will fit tubing 8-9-10 mm (1/4" to 3/8") diameter. Large size valve will fit tubing 12-13-15 mm (7/16" to 5/8") diameter. Will withstand temperatures up to 100° C. Shipping weight for 228225 is 0.66 lbs and 0.83 lbs for 228215.

228225	Check Valve	141.73 pack of 50
228215	Large Check Valve	190.90 pack of 50



One Position Clamp PP

This unique open/close, single position design allows for positive on/off flow control. The clamp design features easy tube insertion for both manual and automatic operations. Molded of polypropylene suitable for ETO sterilization and is stocked in white. (Other colors available on special order.) Accepts approximately 1/4" to 1/2" OD tubing. Shipping weight is 0.86 lbs.

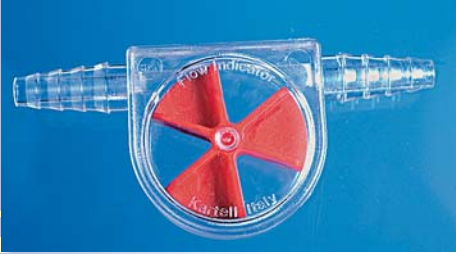
670705

One Position Clamp

16.61 pack of 100



Tubing Accessories... Tweezers



Flow Indicator, Paddlewheel

This polystyrene, bright red paddlewheel indicates liquid or gas flow from 5 ml/sec to 95 ml/sec. The clear outer case allows for unobstructed view of the wheel which spins freely with flow. Not for use with corrosive fluids or temperature over 122° F (50° C). Can be used to connect tubing I.D. of 3/8" to 9/16" (10-14 mm) I.D. Shipping weight is 0.21 lbs.

227145

Flow Indicator, Paddlewheel

142.93 pack of 5



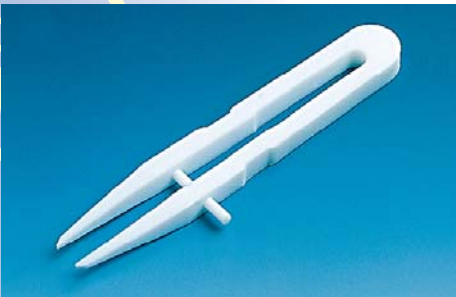
Flow Indicator

This flow indicator is transparent, leakproof, ultrasonically molded and fitted with a polypropylene ball. It allows an immediate visual indication of gas or liquid flow by means of the ball's rotation. The speed of the ball's rotation is dependent upon the flow of velocity. Can be used to connect tubing with different diameters from 6.5 to 10 mm (1/4" to 3/8" I.D.). Minimum flow detected is 10-12 liters/hour; maximum flow is 330-390 liters/hour. Maximum fluid temperature is 122° F (50° C). Shipping weight is 5.6 lbs.

227155

Flow Indicator

59.34 pack of 5



Tweezers - Forceps PTFE

Totally inert and non-contaminating. Suitable for use up to 260°C.

SQUARE END FORCEPS - TWEEZERS PTFE

316504	-0000	-0001	-0002
Length mm	100	150	200
Shipping Weight lbs	0.048	0.10	0.22
Price Each	27.76	33.33	37.59

SHARP END FORCEPS - TWEEZERS PTFE

316514	-0000	-0001	-0002
Length mm	100	150	200
Shipping Weight lbs	0.05	0.10	0.19
Price Each	27.76	33.33	37.59



Tweezers - Forceps PMP

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

FORCEPS - TWEEZERS PMP

516555	-0001	-0002	-0003	-0004
Color	White	White	Yellow	Yellow
Ends	Sharp	Sharp	Sharp	Round
Length mm	115	145	180	250
Shipping Weight lbs	0.04	0.08	0.09	0.45
Case Quantity	6	6	6	6
Case Price	15.30	20.87	35.40	58.02

Vials

Vials, Hinged Snap Cap LDPE

General purpose 25ml containers with push-in friction fit hinged lids. Dimensions: 55mm H x 30mm Ø. Withstands temperatures up to 80° C. Shipping weight is 4.7 lbs.

319365

Vials, Hinged Snap Cap

1015.03 case of 1000



Vials, Sample LDPE

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

VIALS, SAMPLE LDPE

226245	-01	-02	-05	-08	-10	-25	-50
Capacity ml	1	2.5	5	8	10	25	50
O.D. mm	9	14	15	17	22	24	30
Height mm	32	32	50	56	32	72	74
Shipping Weight lbs	0.01	0.3	0.54	0.77	0.84	2.2	1.6
Case Quantity	100	100	100	100	100	100	100
Case Price	33.12	39.23	40.87	44.58	52.99	101.52	123.15



Vials, Scintillation HDPE

Special grade of high density polyethylene achieves the best counting efficiency with lowest background. Quick fitting leakproof closure with quick-twist thread.

VIALS, SCINTILLATION HDPE

	202244	202254
Capacity ml	20	4
O.D. mm	26.5	13.8
Height mm	58.5	52.4
Shipping Weight lbs	14.6	13.2
Case Quantity	1000	2000
Case Price	134.73	142.49



Vial, Coulter® Cup

Polystyrene with polyethylene lid. Container graduated at 10 and 20 ml. Tight fitting push-on lid assures leakproof fit. Closure easily opened with just one finger. Packed 200 per package, 1000/case. Shipping weight is 16.2 lbs.

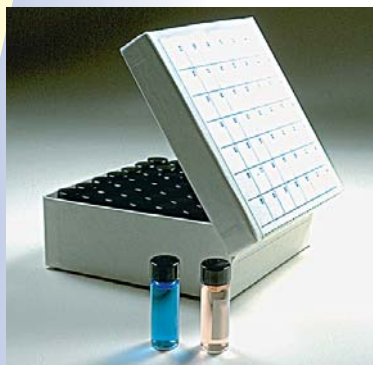
202184-0001

Vials, Coulter® Cup

104.13 case of 1000



Vials



Glass Sample Vials in Storage Box

Vials have screw caps attached and are packed in convenient compartmented storage boxes. White cardboard box and cover are coated to reduce moisture absorption. Index label is provided for cover of box to record contents. Vials are made from 33 Expansion Type 1 borosilicate glass. Screw caps are rubber lined. Will withstand autoclaving or storage in vapor phase nitrogen. Boxes also suitable for use with microcentrifuge tubes.

GLASS SAMPLE VIALS IN STORAGE BOXES

	174664	174674	174684	174694
Box with # of Places	72	72	49	49
For Vials dram	1	1	1	1
Vial Description	Plain	Marking Area	Plain	Marking Area
Shipping Weight lbs	TBA	TBA	TBA	TBA
Price Each	30.16	38.00	22.40	23.71

Vial Storage Boxes

White cardboard box and cover are glassine coated to reduce moisture absorption. Will withstand autoclaving or storage in vapor phase nitrogen. Boxes are suitable for use with vials or microcentrifuge tubes. Specially designed label forms a hinge for the cover and provides indexed spaces to record contents.

VIAL STORAGE BOXES

	174634	-0001	-0002	-0010	-0011
Description		Storage Box	Storage Box	Box Labels	Box Labels
Number of Places	49	72	72	49	72
Length inches	5 1/8	6 1/8	6 1/8	N/A	N/A
Width inches	5 1/8	6 1/8	6 1/8	N/A	N/A
Depth inches	2	2	2	N/A	N/A
Shipping Weight lbs	TBA	TBA	TBA	TBA	0.1
Pack Quantity	10	10	10	10	10
Pack Price	50.92	52.12	6.99	7.21	



Scintillation Vial Rack PP

✓ 27mm 100 place

Welded polypropylene rack holds 100 standard 20 ml. scintillation vials. Rack is autoclavable and resists both nitric and hydrochloric acids. Hole diameter: 1 1/16", dimensions: 14.5"L x 15"W x 2.5"D. Additional sizes available upon request.

126304

Scintillation Vial Rack PP

99.87 each

DYNALON'S DIAMOND LABWARE



This logo denotes the product lines that we feel truly demonstrate quality, ingenuity and value... the most popular items we have to offer!

Vial Racks... Watch Glass

Vial Caddy PP - 23mm

Heavy duty vial caddy protects up to 48 of the popular 23mm diameter glass vials. Machined from a solid block of 1.25" HDPE sheet offering 360 degree protection during storage and transport. Supplied with a snug fitting cover and non-skid feet. Additional sizes available upon request.

159014

Vial Caddy PP

98.52 each



Vial Caddy PP - 17mm

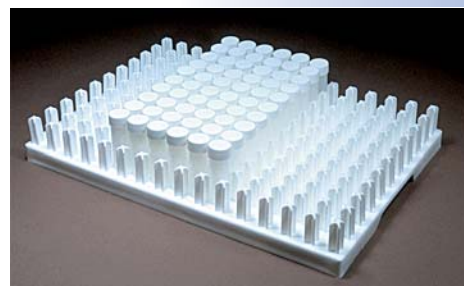
✓ For 5-8ml glass or plastic liquid scintillation vials

Made of sturdy, autoclavable polypropylene for excellent chemical resistance. Holds 150 17mm diameter vials in 10 rows. Lightweight, durable and easy to clean. Dimensions: 12 3/4"L x 8 3/4"W x 1 7/8"H. Shipping weight is 6.4 lbs.

459204

Vial Caddy PP

231.77 pack of six



See Vials on pages 119-120

Watch Glass PP

Provided with a stable base and made of chemically resistant polypropylene. Will withstand temperatures up to 120° C. May also be used as beaker covers.

WATCH GLASS PP

	255235	255245	255255	255265
Diameter mm	60	80	100	125
Shipping Weight lbs	0.41	0.53	1.2	TBA
Pack Quantity	50	50	50	50
Pack Price	68.85	88.51	118.56	142.93



Let Dynalon surprise you with our abilities to meet your custom needs...
see pages 124 and 125

CUSTOM PLASTIC FABRICATION

Water Still



Water Still, Merit



The Merit Water Still combines economy and high performance with a host of additional features that comparable stills cannot match. The Merit is the ideal choice for the budget conscience laboratory that cannot afford to compromise quality. Make the Merit your next water still and you will find it reliable, easy to use, and safe to clean.

Still Specifications:

- Water Supply.....1 liter per minute, minimum pressure 3p.s.i.
- Power.....220 / 240V, 50 - 60Hz, single phase 13a fused
- Dimensions.....20 x 6 x 18"(l x w x h)
- Output:.....4 liters per hour



✓ Safe to operate

Heater thermostat protects the Merit from overheating in event of water supply failure. Full compliance with IEC1010 and CE Mark.

✓ Simple to install

The Merit is compact in size with a small metal stand. It can be used on a bench or wall mounted to save space.

✓ Connectability

The condenser plumbing connections are via screw-thread connectors. They allow hose to be quickly fitted or removed without excess force, avoiding the danger of glassware breakage.

✓ Drain stopcocks

The Merit is fitted with a drain stopcock to allow for easy cleaning. The built-in funnel allows cleaning solutions to be added to the boiler safely without dismantling the glassware. Acid residues can easily be drained away through the PTFE stopcock.

QUALITY OF DISTILLATE

pH*	.....	.5.7 after 2 hours
	.....	.5.2 after 2 days
Conductivity $\mu\text{S}/\text{cm}^*$	.....	.2.0 after 2 hours
	.....	.5.0 after 2 days
Silicon	.....	<0.5mg/l
Sodium	.....	<1 mg/l
Potassium	.....	<1mg/l
Calcium	.....	<1mg/l
Magnesium	.....	<1mg/l
Aluminum	.....	<0.5mg/l
Iron	.....	<0.1mg/l
Phosphorous	.....	<0.5mg/l
Chlorine	.....	<0.1mg/l
Residue After Evaporations	.....	<0.01mg/l
Resistivity meg Ohm-cm	.....	.0.25 - 0.30
Pyrogen Content	.....	.pyrogen free**
Temperature	.....	.25 - 35°C

The above results confirm that the distilled water from our Merit 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 a Pyrogen-free water and the distillate must be tested before use.

MERIT WATER STILL

	540004-0000	540014-0001	540014-0002	540014-0003
Description	Water Still complete	220V Heater element 3kw	Replacement boiler	Replacement condenser
Shipping Wt lbs	21.4	TBA	3.2	3.2
Price Each	1165.72	445.29	345.84	277.55

Water Still



Bibby Sterilin Water Still, Distinction

The Distinction Water Still lives up to its name - rapid, reliable convenient and economical. The distinctive features of the Distinction show a care in the design that puts it apart from other budget water stills, providing safety and quality at a competitive price. With a wide range of benefits usually associated with more expensive models, the Distinction represents unbeatable value for money.



Still Specifications:

- Water Supply.....1 liter per minute, minimum pressure 3p.s.i.
- Power.....220 / 240V, 50 - 60Hz, single phase 13a fused
- Dimensions.....21.5 x 6.5 x 18"(l x w x h)
- Output:.....4 liters per hour

QUALITY OF DISTILLATE

pH*	.....5.7 after 2 hours
Conductivity $\mu\text{S}/\text{cm}^*$	.....4.0 after 2 hours
Silicon	.....<0.5mg/l
Sodium	.....<1 mg/l
Potassium	.....<1mg/l
Calcium	.....<1mg/l
Magnesium	.....<1mg/l
Aluminum	.....<0.5mg/l
Iron	.....<0.1mg/l
Phosphorous	.....<0.5mg/l
Chlorine	.....<0.1mg/l
Residue After Evaporations	......2mg/kg
Resistivity meg Ohm-cm	.....0.5 - 1.0
Pyrogen Content	.....pyrogen free**
Temperature	......25 - 35°C

The above results confirm that the distilled water from our Distinction 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 a Pyrogen-free water and the distillate must be tested before use.



✓ Safety

All electrics are fully enclosed and are designed to meet the most recent international electrical standards. Full compliance with IEC1010 and CE Mark.

✓ Construction

The all glass construction including silica sheathed heating element insures high quality distillate. As there is no metal contact with the water the Distinction eliminates the risk of ions leaching out into the water.

✓ Thermal cut-outs

To prevent the still from over heating in the event of cooling water supply failure, the Distinction is fitted with two independent thermostats. One is mounted in the condenser vent tube and the second is mounted inside the boiler.

DISTINCTION WATER STILL

	539994-0000	539994-0001	539994-0002	540014-0003
Description	Water Still complete	220V Heater element 3kw	Replacement boiler	Replacement condenser
Shipping Wt lbs	26.4	1.4	3.6	3.2
Price Each	1579.21	207.07	370.11	277.55



Lead lined gamma mobile bin
12"L x 12"W x 20"H (160 lbs)



This functional laboratory sink was fabricated as a custom job under the strict dimensions and requirements of our customer.

- ✓ Assembly
- ✓ Bending
- ✓ Bonding
- ✓ CNC Lathe Turning
- ✓ CNC Machining
- ✓ Cutting
- ✓ Engraving
- ✓ Flame Polishing
- ✓ Forming
- ✓ Hot Stamping
- ✓ Inserting
- ✓ Threading
- ✓ Ultrasonic Welding
- ✓ Welding

Dynalon's plastic fabrication department fabricates many products throughout this catalog ranging from our new Safety Funnel (page 69) to a wide array of containment trays (pages 103 and 104). We also have the capabilities to produce custom jobs following the exact requirements of your application. A few examples of our custom products include tanks, fittings, machine guards, fume hoods, cabinets, chambers, gears, racks and thousands of other industrial and laboratory plastic items.



We are capable of producing prototypes as well as high volume job runs. We would be happy to provide you with a free quotation and any technical assistance you may require throughout your project.

Dynalon works with virtually all types of plastics. We stock a large inventory of sheet, rod, tubing, extrusions, fittings, plastic hardware, perforated sheet, etc...

Please telephone our customer service department at 800-334-7585 for more information.



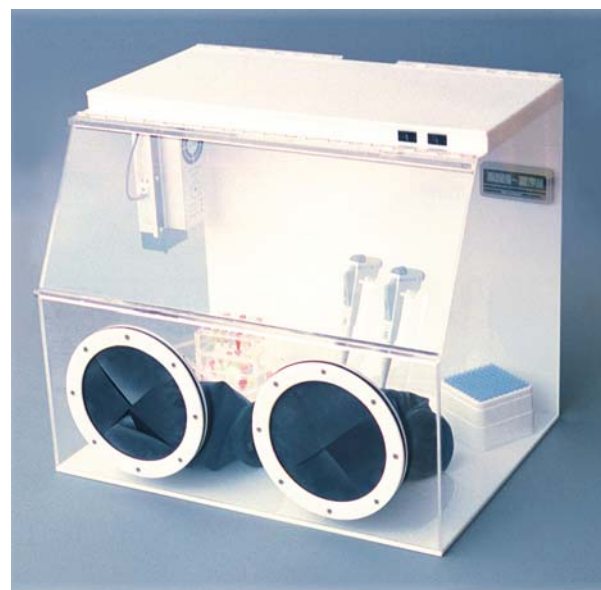
Various fabricated products listed throughout our catalog, from pipette accessories to tube racks.



One of our many capabilities includes CNC Machining and turning.



The two units pictured above assemble into the mobile storage unit shown top left (14"W x 14"L x 5"H)



Humidity controlled chamber with a dehumidifier and hygrometer.

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		Tube, Centrifuge	106	106245	83	186684	83	226254	47
Stainless Steel Sponge	94	Tube, Micro Economy	107	106255	83	186694	82	226295	26
Stand, Retort	42	Tube, PTFE	106	106265	83	201495	90	226505	71
Starbar Kit	98	Tubes Centrifuge Sterile	107	106275	83	201515	90	226515	71
Starbars	98	Tubes, Centrifuge	107	106344	63	201545	90	227005	116
				106505	58	201565	90	227025	116
STERILE		TUBING		106515	58	202044	86	227045	116
Sterile Centrifuge Tubes	107	Tubing Connector Kit	117	106525	58	202094	86	227065	116
Sterile Containers	47	Tubing Cutter	115	107075	58	202114	86	227085	116
Sterile Dippas®	57	Tubing, Dynalon® Vinyl	113	107085	58	202134	86	227105	116
Sterile Petri Dishes	76	Tubing, Food Grade	113	107095	58	202144	86	227145	118
Sterile Pipettes	77	Tubing, Medical Grade	114	107154	87	202154	86	227155	118
		Tubing, PE	115	107165	74	202164	86	227165	116
STIR		Tubing, Silescot®	114	107185	74	202174	86	227175	116
Stir Bar Retriever PTFE	99	Tubing, Small Bore	115	107195	74	202184	119	227185	116
Stir Bars, Micro	96			107304	105	202215	51	227195	116
Stir Bars, Extra Large	96	TWEEZERS		107314	105	202244	119	227205	116
Stirrer Blades, PP	99	Tweezer, PTFE	67&118	107324	105	202254	119	227215	116
Stirrer Blades, PTFE	99	Tweezers PMP	68&118	107334	105	202285	53	227225	116
Stirrer Guides	100	UN Combo Packs	33	107344	105	202295	53	227235	115
Stirrer, Magnetic	101	Utility Carrier	103	107354	105	202415	25	227245	115
Stirrers	100	Vadosa	81	108085	88	202445-005	25	227255	115
Stirrers, Shaft PTFE	100			108204	69	202445-01	25,87	227265	115
Stirrer-Spatula	93	VALVES		108874	105	202445-025	25	227275	115
Stirring Bar Kit PTFE	95	Valve, Check	117	108884	106	202445-05	25,87	227285	115
Stirring Bar Retriever PP	99	Valve, Non-return	117	109804	105	202445-1	25	227545	115
Stirring Bar, Arrow Shaped PTFE 97	97			109814	105	202445-2	25	227555	115
Stirring Bar, Cross Head PTFE	98	Vessel, Glass	103	109824	105	202965	112	227565	115
Stirring Bar, Half Round	97			109834	105	204015	101	227905	116
Stirring Bar, Round-Ring PTFE	95	VIALS		109844	105	205165	63	227915	116
Stirring Bar, Round Tapered	97	Vial Caddie	121	109854	105	206175	63	227925	116
Stirring Bar, Triang. PTFE	97	Vial Caddies	121	109864	105	206305	30	227935	116
Stirring Bar, Triang. Vial PTFE	97	Vial, PP	119	109874	105	206315	30	227945	116
Stirring Bars Disposable PTFE	95	Vials, Glass	120	109884	105	206325	30	227955	116
Stirring Bars Egg-Shaped	95	Vials, Sample	119	109894	105	206335	30	227965	116
Stirring Bars, Colored	96,97	Vials, Colored	48	109904	105	206345	30	228215	117
Stirring Bars, Micro PTFE	96			109914	105	206355	30	228225	117
Stirring Bars, Round PTFE	95	VOLUMETRIC		109924	105	210995	81	228255	101
Stirring Paddle-Scraper	74	Volumetric Flask, PP	64	109934	105	211605	91	228265	101
Stirring Rods PTFE, Steel Core	99	Volumetric Flasks w/Screw Caps 65	65	113074	74	211615	91	228275	101
Stirring Rods, Policeman	93	Volumetric Flasks, PFA	64	114505	87	211634	92	228285	101
Stirring Rods, Solid PTFE	99	Volumetric Flasks, PMP	65	114515	87	211654	92	228705	116
		Volumetric Flasks, PP	65	114525	87	211674	92	228715	116
STOPCOCKS		Volumetric Pipettes, PP	78	116344	63	211694	92	228725	116
Stopcock	43			116405	51	212105	67	228765	116
Stopcock, Miniature	101	WASH BOTTLES		116415	51	212115	67	228775	116
Stopcock LDPE	101	Wash Bottles	34,39	116425	51	212125	67	228785	116
Stopcock, PTFE	101	Wash Bottles, Autoclavable PP	36	116435	51	212135	67	235305	91
		Wash Bottles Colored	38	123404	45	212145	67	235405	91
Stoppers, Disposable	107	Wash Bottles Driplok®	34	123414	45	212155	67	235505	91
		Wash Bottles, Easy Squeeze	35	126164	58	212165	67	237735	54
STORAGE		Wash Bottles, Economy	32	126174	58	212205	54	237745	54
Storage Bin, Large	83	Wash Bottle, Integral	35	126184	58	212215	54	237755	54
Storage Bin, Small	83	Wash Bottles, Large Tubing	32	126194	58	212225	54	237765	54
Storage Box	120	Wash Bottle, Sloping Shoulder	38	126304	120	212235	54	237775	54
Storage box for Beta Emitters	15	Wash Bottles Wide Mouth	36	135014	90	212455	93	237825	80
Storage Box with lid, Beta	16			140344	71	212585	99	237885	54
Storage Unit Wheels	92	WATCH GLASS		141805	70	212595	99	237895	54
		Watch Glass	12,121	142804	89	212605	99	237915	54
Support Stand with Rod	69	Watch Glass PTFE	12	143084	56	212615	99	239005	54
				143094	56	215905	81	239015	54
SWABS		WATER		143105	56	215915	81	239025	54
Swabs, Anti-Static	102	Water Sample Container PET	25	143115	56	215925	81	239035	54
Swabs, Chemical Resistant	102	Water Still, Distinction	123	143134	56	222045	12	239045	54
Swabs, Cotton	101	Water Still, Merit	122	143144	56	222075	12	239055	54
Swabs, Enviro-Swabs™	102			146534	59	222195	12	239065	54
		Wet Waste Box, Beta	16	146554	58	222205	12	239075	54
Syringes, PTFE	103	Workstation Storage Dispenser	83	146564	58	222545	116	239085	54
Table, Examination	63	Workstation, Pipette Stand	83	146574	58	222555	116	239085	54
Tanks with Dipping Basket	58			146584	58	222565	116	240025	65
Test Tube Racks	108-112			146594	58	222575	116	241305	63
Test Tube Supports	109			146604	58	222585	116	241325	63
Thermometer Rack	85			146614	58	222595	116	241345	63
Ties, Plastic	10			146624	58	222605	116	241365	63
Tote Box	104			146634	58	222925	116	241385	63
Tote Box, Sterilizing	104			146644	58	222935	116	241605	66
				146654	59	222945	116	241625	66
TRAYS				146684	59	222955	116	241645	66

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241665	.66	303505	.96	331404	.103	410535	.104	506725	.37	608695	.50
241685	.66	303515	.95	338005	.55	410545	.104	506735	.37	608704	.45
241705	.66	303565	.95	339204	.46	410555	.104	506745	.37	608715	.50
241725	.66	303575	.95	339214	.46	410565	.104	506755	.38	608735	.50
241745	.66	303595	.95	340295	.71	412334	.67	506765	.38	610855	.113
242835	.68	303615	.98	341465	.63	412365	.68	506775	.38	610924	.115
242845	.69	303644	.95	341475	.63	412375	.66	506785	.38	610934	.115
243025	.57	303664	.95	341485	.63	412575	.92	506805	.39	612475	.115
243045	.57	303684	.95	341495	.63	413015	.75	506815	.39	612484	.115
243065	.57	303694	.95	341505	.63	413035	.75	506825	.39	612935	.44,93
245605	.92	303705	.95	341524	.65	413045	.75	506825	.39	612945	.93
255225	.94	303715	.95	341534	.65	413065	.75	506835	.39	626335	.49
255235	.121	303725	.95	341544	.65	413124	.75	5506845	.39	626755	.9
255245	.121	303735	.95	341554	.65	413144	.75	506905	.38	626785	.9
255255	.121	303745	.95	341564	.65	413504	.75	506915	.38	626814	.10
255265	.121	303755	.95	341585	.65	413514	.75	506925	.36	627824	.10
256025	.57	303765	.95	342345	.68	413534	.75	506935	.36	627864	.10
256045	.57	303775	.95	342355	.68	413544	.75	506945	.36	628235	.115
256065	.57	303785	.95	342555	.68	413554	.75	506955	.36	628245	.115
259184	.62	304405	.96	342854	.69	416034	.108	506965	.36	628325	.9
259194	.62	304415	.96	355004	.51	416044	.108	506985	.35	628335	.9
259845	.110	304425	.96	355014	.51	416054	.108	507005	.34	628345	.9
259865	.110	304435	.97	355024	.51	416064	.108	507054	.57	628355	.9
259885	.110	304445	.96	355034	.51	416175	.94	508145	.60,106	628365	.9
259905	.110	304455	.98	355304	.62	419244	.104	508655	.45	628405	.9
259925	.110	304465	.97	355314	.62	419264	.104	511215	.78	628415	.9
262175	.61	304495	.98	362595	.70	421115	.48	511224	.79	628425	.9
262185	.61	305034	.32	362605	.70	421125	.48	511235	.79	628435	.9
262205	.80	307014	.87	362615	.70	421135	.48	511245	.79	628445	.9
262215	.80	307024	.57	362625	.70	421145	.48	512655	.85	628455	.9
262245	.80	307235	.74	362635	.70	421155	.48	512665	.85	628505	.9
262265	.80	307245	.74	362645	.70	421165	.48	516075	.109	628515	.9
262275	.80	310374	.40	362655	.70	421185	.48	516555	.66,118	628525	.9
262295	.80	311045	.82	362665	.70	421195	.48	518744	.84	628535	.9
264645	.69	311065	.82	362675	.70	421205	.48	522055	.11	628545	.9
276145	.107	311085	.82	362685	.70	421215	.48	522065	.11	628555	.9
276155	.107	311105	.82	362695	.70	421225	.48	522085	.10	628565	.9
299265	.108	312004	.13	362705	.70	421235	.48	522095	.10	628575	.9
301605	.21	312024	.12	362715	.70	421245	.48	522125	.10	628585	.9
301615	.21	312034	.12	364594	.101	426325	.48	522135-0001	.10	628595	.9
301625	.22	312044	.12	364605	.101	426364	.48	522655	.11	635264	.90
301635	.22	312054	.12	364615	.101	453555	.49	522765	.11	635284	.90
301645	.21	312064	.12	364654	.46	453565	.49	524165	.29	670705	.117
301655	.21	312074	.12	364664	.46	453595	.49	524175	.29	670715	.46,117
301665	.21	312084	.12	373205	.80	453605	.49	524185	.29	670725	.46,117
301675	.21	312094	.12	373215	.80	453615	.49	524195	.32	670755	.46,117
301685	.23	312174	.12	373265	.80	453625	.49	526374	.47	680505	.117
301695	.23	312184	.12	375985	.51	453635	.49	526475	.13	714404	.93
301705	.23	312244	.12	391875	.92	454395	.49	535515	.90	714484	.93
301715	.23	312284	.12	391895	.92	454405	.49	537805	.55	797005	.60
301725	.22	312294	.12	391905	.92	454415	.49	537815	.55	797015	.60
301735	.22	312504	.100	391915	.92	454425	.49	539224	.84	797025	.60
301745	.23	312514	.100	391925	.93	454435	.49	539994	.123	797035	.60
301825	.22	312524	.100	394004	.101	454445	.49	540004	.122	797045	.60
301855	.27	312534	.100	394014	.101	454455	.49	540014	.122	797065	.60
301875	.27	312544	.100	394024	.101	459134	.109	540014-0003	.122,123	798015	.60
301895	.27	312554	.100	394085	.101	459144	.109	541595	.64	SMP10	.73
301925	.27	312564	.100	394125	.101	459154	.109	541905	.64	TSR0150050P	.114
301935	.27	312635	.85	394145	.101	459204	.121	541925	.64	TSR015100P	.114
301945	.27	313175	.75	394185	.101	459214	.109	542365	.67	TSR0200050P	.114
301954	.27	314804	.28	394225	.101	459224	.109	542565	.66	TSR0200100P	.114
301964	.27	314814	.28	394305	.101	459234	.109	543344	.88	TSR0250100P	.114
301974	.27	314824	.28	394325	.101	470094	.61	546904	.61	TSR0300200P	.114
301984	.27	314834	.28	394345	.101	470114	.61	555215	.94	TSR0320100P	.114
302195	.53	314844	.28	394365	.101	490834	.93	559165	.61	TSR0400160P	.114
302205	.52	314854	.28	399275	.108	490844	.74	559165	.61	TSR0500160P	.114
302225	.52	314864	.28	399325	.108	490864	.93	562415	.42	TSR0550160P	.114
302235	.53	314874	.28	399325	.108	490874	.74	562425	.42	TSR0550250P	.114
302704	.103	314884	.28	399345	.107	501305	.26	564715	.42	TSR0600200P	.114
302714	.41	314894	.28	399355	.107	501505	.24	599364	.107	TSR0630160P	.114
302765	.78	315294	.12	402364	.51	501784	.27	600335	.49	TSR0630320P	.114
302794	.41	315304	.12	404154	.72	501794	.27	604085	.31	TSR0800200P	.114
302806	.97	315314	.12	404225	.72	501835	.28	605005-16	.25	TSR1000300P	.114
302816	.97	315324	.12	405604	.44	501864	.41	605015-16	.24	TSR1600320P	.114
302826	.97	315334	.12	405614	.44	502014	.76	605015-32	.24	UN1/250N	.33
302836	.97	315344	.12	405624	.44	502655	.42	605065	.31	UN1/250W	.33
302895	.99	315354	.12	405644	.49	502665	.42	605074	.30	UN1/500N	.33
303005	.78	315374	.12	405654	.49	502754	.77	605085	.31	UN1/500W	.33
303255	.98	315384	.12	407504	.105	503175	.76	605124	.29	UN1/1000N	.33
303264	.99	316504	.65,118	407514	.105	504314	.72	605144	.30	UN1/1000W	.33
303275	.94	316514	.65,118	407524	.105	505634	.43	605154	.30	UN4/250N	.33
303284	.99	319365	.119	407534	.105	506455	.34	606055	.87	UN4/250W	.33
303294	.99	326214	.50	407544	.105	506465	.34	606065	.87	UN4/500N	.33
303305	.99	326485-025	.13	407554	.105	506475	.34	606075	.87	UN4/500W	.33
303325	.99	326495	.13	408095	.104	506535	.35	606215	.26	UN4/1000N	.33
303334	.99	331324	.106	408105	.104	506545	.35	607105	.87	UN4/1000W	.33
303334	.99	331344	.106	408125	.104	506555	.35	607115	.87		
303465	.96	331354	.106	408164	.103	506565	.35	607135	.87		
303475	.96	331364	.106	408175	.39	506575	.35	607145	.87		
303485	.96	331384	.103	408444	.50	506705	.37	607175	.87		
303495	.96	331394	.103	409144	.104	506715	.37	608573	.25		

New and exciting from Dynalon...

Slip-Stop Matting

- ✓ Put an end to slips and messy mishaps anywhere

Slip Stop is an inventive new product with numerous uses ranging from the laboratory to your pet's food dish! End unnecessary slips with one small piece! Slip Stop mats hold objects firmly in place without the need for permanent fixing or clamps. This contributes to safety by reducing breakages and easing stress at the workbench. In laboratories, Slip Stop can be used on shakers and stirrers to hold flasks, test tubes etc. safe and secure without the need for clamps. The mats can also be used to provide added product stability and safety for your valuable instruments. On workbenches, Slip Stop will hold components and tools, making it easier to work on them and preventing dropping and spillage, thus reducing accidents, fatigue and loss of small components. Used in conjunction with robots and mechanical handling systems, Slip Stop enables accurate location and presentation of components and enhance grip. Cleaning is as easy as washing your hands! Wash with a mild detergent and warm water then let drip dry for a good as new mat. Store at ambient temperatures up to 122°F and keep from freezing. Each 6" x 16" x 1/32" piece can be cut (with the coating on) to any size you desire for smaller applications. Additional sizes available upon request.

see page 72 for ordering information



Pipette Disposal Bin (Beta and Gamma)

Gamma (g) rays are produced when an unstable isotope such as ^{125}I enters into nuclear decay. this form of electromagnetic radiation is attenuated by lead. The gamma rays' intensity decreases exponentially as the thickness of the lead increases. The recommended thickness of lead for use with ^{125}I is 0.5mm, Dynalon uses 3 mm lead for all of our g protection products.

Other isotopes shielded by our products include ^{32}P , ^{51}Cr , ^{35}S , ^{33}P , ^3H and ^{14}C . The enclosed boxes are perfect for short term storage of isotopes and contaminated labware. Dynalon gamma disposal boxes feature a polyethylene liner and a sleek black acrylic exterior. All units come with non-skid feet and are available in additional sizes.

see page 78 for ordering information



Let Dynalon surprise you with our abilities to meet your custom needs...

see pages 124 and 125

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