



DURAN GROUP
magic of precision

Welcome to the 2016 Azlon catalogue

We are delighted to present the Azlon reusable, plastic labware range within the DURAN Group family

Azlon plastics cover a wide variety of applications, providing you with all the essentials needed for today's busy laboratory. Here you will find an overview of Azlon products and services. From standard laboratory plasticware to bespoke manufacturing solutions in a range of robust polymers, Azlon really is the A-Z of reusable plastic labware.

Calling on more than 50 years plastic manufacturing expertise, you can be sure that the Azlon brand embodies the quality and reliability that you have come to expect from the DURAN Group.

Our sales managers are excited to discuss your individual needs. Please do not hesitate to contact us.



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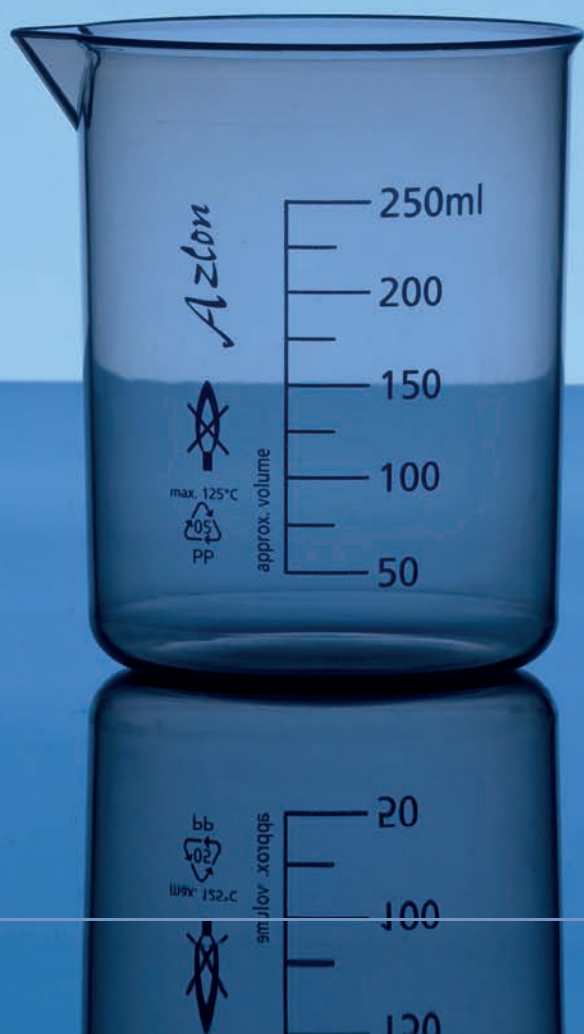
Azlon

For more than half a century, the Azlon® name has been synonymous with high quality affordable plastic laboratory ware.

Available in a variety of polymers, Azlon® reusable plastics cover a broad range of applications in the modern laboratory, offering more than 700 products, including bottles, wash bottles, measuring cylinders, jugs and beakers.

Azlon® products are manufactured to the highest quality standards utilising a range of plastic moulding techniques including blow and injection moulding.

Leadership in polymer science and many important innovations have combined to make Azlon® one of the most widely known and respected brands in durable plastic labware.





Physical properties and chemical resistance of plastics

These icons provide a quick guide as to the chemical resistance of the polymers and can be found throughout the catalogue where appropriate.



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



Good general resistance to a range of laboratory chemicals including acids, bases and some solvents



Excellent resistance to most laboratory chemicals



Can be subjected to autoclaving at 121°C without damage to the polymer.

Please note - where no resistance icon is shown, this product is made from several materials. In this instance please refer to the chemical resistance/physical properties chart for each polymer.

Polypropylene, PP

- Translucent rigid polymer
- Temperature range -20 to +135°C
- Autoclavable at 121°C
- Good to excellent chemical resistance
- Resistant to fatigue making it tough
- Typically used for beakers, bottles and cylinders



Polytetrafluoroethylene, PTFE

- Opaque rigid polymer
- Wide temperature range -200 to +260°C
- Autoclavable at 121°C
- Unrivalled resistance to almost all chemicals
- Extremely low friction coefficient
- Typically used for bottles, beakers and stirrers



Low Density Polyethylene, LDPE

- Translucent flexible polymer
- Narrow temperature range of -50 to +80°C
- Not autoclavable at 121°C
- Good to excellent chemical resistance
- Robust and virtually unbreakable
- Typically used for wash bottles



Polymethylmethacrylate, Acrylic (PMMA)

- Transparent rigid polymer
- Narrow temperature range -60 to +50°C
- Not autoclavable at 121°C
- Moderate chemical resistance
- Very tough and high clarity
- Typically used for radiation shields



High Density Polyethylene, HDPE

- Translucent rigid polymer
- Broad temperature range of -100 to +120°C
- Not autoclavable at 121°C
- Good to excellent chemical resistance
- High tensile strength making it very tough
- Typically used for bottles



Polystyrene, PS

- Transparent rigid polymer
- Narrow temperature range -40 to +90°C
- Not autoclavable at 121°C
- Moderate chemical resistance
- Brittle yet has excellent clarity
- Typically used for container ware



Polymethylpentene, PMP (TPX)

- Transparent rigid polymer
- Broad temperature range -180 to +145°C
- Autoclavable at 121°C
- Good to excellent chemical resistance
- Has a low density and a high clarity
- Typically used for beakers and cylinders



Polyvinylchloride, PVC

- Rigid polymer
- Narrow temperature range -25 to +70°C
- Not autoclavable at 121°C
- Moderate chemical resistance
- Rigid or flexible, coloured or clear
- Typically used for trays and troughs



Polycarbonate, PC

- Transparent rigid polymer
- Broad temperature range -135 to +135°C
- Autoclavable at 121°C
- Moderate chemical resistance
- High impact strength
- Typically used for safety shields



Polybutylene terephthalate, PBT

- Opaque rigid polymer
- Wide temperature range -40°C to +180°C
- Autoclavable at 121°C
- Mechanically strong engineering polymer
- Good resistance to chemicals
- Typically used for screw caps and connectors



	LDPE	HDPE	PP	PMP (TPX)	PC	PS	PMMA	PTFE	PBT
Max usage Temp. °C	80	120†	135	145	135	90	50	260	150
Min usage Temp. °C	-50	-100	-20††	-180	-135	-40	-60	-200	-40
Transparency	Translucent	Translucent	Translucent	Clear	Clear	Clear	Clear	Opaque	Opaque
Flexibility	Flexible	Rigid	Rigid	Rigid	Rigid	Rigid	Rigid	Rigid	Rigid
Specific Gravity	0.92	0.95	0.9	0.83	1.2	1.05	1.2	2.2	1.31
Microwaveable	Yes	No	Yes	Yes	Marginal	No	No	Yes	No
Autoclavable	No	No	Yes	Yes	Yes	No	No	Yes	Yes
Gas	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Dry Heat	No	No	No	Yes	No	No	No	Yes	No
Radiation (Gamma)	Yes	Yes	No	No	Yes	Yes	Yes	No	Yes
Disinfection	Yes	Yes	Yes	Yes	Yes	Some	Some	Yes	Yes
Permeability*									
N ₂	180	42	48	8,000	50	25	3	Unknown	Unknown
O ₂	500	185	240	32,000	300	400	12	308	Unknown
CO ₂	2,700	580	800	115,000	1,075	1,500	68	Unknown	Unknown
Water Absorption (%)	<0.01	<0.03	<0.2	0.01	0.35	0.05	0.35	<0.01	Unknown
Cytotoxic	No	No	No	No	No	No	No	No	Unknown

* Permeability (cc-mm/m²-24hr.Bar).

† Polymer may be malleable at temperatures above 80°C if the product is under structural stress.

†† Material may become brittle at low temperatures.

Food Contact

Food Contact/Animal Derivative Statement

We can confirm that, with respect to the contact of plastic materials with foodstuffs, our products, where indicated in the catalogue, comply with one, or both, of the following:

European Regulations (EU) No 10/2011 up to (EU) No 2015/174 relating to plastic materials and articles intended to come into contact with foodstuffs.

Code of Federal Regulation (CRF), Title 21, Food and Drug Administration (FDA), Part 177.1520 "Olefin Polymers", (a) 2)(i) and (c) 2.1 and 2.2.

We can confirm that in respect to Bovine Spongiform Encephalopathy (BSE) / Transmissible Spongiform Encephalopathy (TSE), that our suppliers do not use tallow derived from animal sources in the manufacture of our products.

Please contact us if you require further information. It is the responsibility of the user to ensure that the products are suitable for their intended use.

REACH

EU Regulation 1907/2006/EC including amendments

Regulation EC no. 1907/2006 of the European Parliament and of the council concerning the Registration, Evaluation, Authorisation and restriction of Chemicals (REACH) is continually being reviewed and updates implemented.

After consultation with the UK Health and Safety Executive (HSE) and Smithers REACH Services (SRS), we are deemed to be a 'Distributor of Articles' (Finished Products) for laboratory products.

Laboratory Plastics (Azlon®)

The laboratory plastics we supply are deemed as articles under REACH and therefore require no (Pre-) registration as there is 'no intended release of chemicals from these products'. Azlon products, to the best of our knowledge and that of our suppliers, do not contain SVHC's above thresholds of 0.1% on a weight/ weight basis.

Lipsol® Detergent

We are in constant communication with the manufacturers of Lipsol® to ensure that any relevant REACH (Pre) registration requirements are met. We confirm that Lipsol® does not contain any SVHCs above the threshold of 0.1% on a weight/weight basis and is compliant with REACH.

Recycling plastics

Although our products are designed for the reusable market you may wish to dispose of them at some point. Therefore here is some advice on recycling of our plastics.

Recycling involves the segregation of plastic products by specific resin types ready for the process of converting them into new raw materials for use in other products.

In order to assist with this segregation, the Society of the Plastics Industry (SPI) had adopted a classification system to identify the seven main types of plastic where each resin is assigned a number.

A large proportion of our products also have the following SPI code permanently moulded into them: -



The seventh classification, or "other" denotes that the product is either not of the preceding plastics or it is a mixture.

We do not currently supply any products made from PET.

Before recycling any items, please consider the environment and further handling. All items should be washed, cleaned and/or disinfected prior to disposal.

Chemical resistance of plastics

 Excellent resistance:
continuous exposure to the substance does not
cause damage within 30 days.

	LDPE		HDPE		PP		PMP (TPX)		PVC		PC		PS		SAN		PMMA		PTFE		POM		PBT	
Temperature °C	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50
Acetaldehyde	●	▲	●	■	■	▲	■	▲	▲	▲	■	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	■	■
Acetic Acid (Glacial)	■	▲	●	●	●	■	■	■	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	▲	▲	▲	■
Acetic Anhydride	▲	▲	■	■	■	■	●	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	■	■	▲	▲	■	■
Acetone	■	▲	▲	▲	■	▲	●	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	■	■
Ammonium Chloride (10%)	●	●	●	●	●	●	●	●	●	■	■	■	●	●	●	●	■	■	●	●	■	■	■	■
Ammonium Hydroxide (30%)	●	●	●	●	●	●	●	●	▲	▲	■	■	■	■	■	■	■	■	●	●	●	●	■	■
Amyl Acetate	■	▲	●	■	■	▲	●	■	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	■
Aniline (Phenylamine)	●	■	●	●	●	●	●	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	■	■	■	■
Aqua Regia	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	■	▲	▲	▲	●	●	●	●	▲	■
Benzaldehyde	●	■	■	▲	▲	■	●	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	■	■
Benzene	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	■	●	■
Benzoic Acid	●	●	●	●	●	■	●	●	●	■	●	■	■	■	●	●	●	●	●	●	■	■	▲	■
Boric Acid (10%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■
Butyl Acetate	■	■	■	■	■	■	■	■	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	■	■	■
Butyric Acid (Butanoic acid)	▲	▲	■	▲	▲	▲	▲	▲	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	■	■	●	■
Calcium Hydroxide (Saturated)	●	●	●	●	●	●	●	●	●	●	▲	▲	■	■	●	●	■	▲	●	●	●	●	●	■
Carbon Disulphide	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	■	■
Carbon Tetrachloride	■	▲	■	▲	■	▲	▲	▲	●	▲	▲	▲	▲	▲	■	▲	▲	▲	●	●	■	■	■	■
Chloroform	■	▲	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	▲	▲	▲	■
Citric Acid (1M)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■	■	●	●	■	■	■	■
Cresol	▲	▲	■	▲	■	■	▲	▲	▲	▲	▲	▲	■	▲	▲	▲	▲	▲	●	●	■	■	▲	■
Cyclohexane	■	▲	■	▲	■	▲	▲	▲	▲	▲	●	■	▲	▲	■	▲	■	■	●	●	●	●	■	■
Dibutyl Phthalate	■	▲	■	▲	■	▲	■	■	▲	▲	■	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	■
Dichlorobenzene	■	▲	■	▲	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	▲	▲	■	■
Diethyl Ether	▲	▲	■	▲	■	▲	▲	▲	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	■
Diethylene Glycol	●	●	●	●	●	●	●	●	■	▲	■	■	●	●	●	●	▲	▲	●	●	●	●	▲	■
Dimethyl Formamide (DMF)	●	●	●	●	●	●	●	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	■
Dimethyl Sulfoxide (DMSO)	●	●	●	●	●	●	●	●	▲	▲	▲	▲	■	■	▲	▲	▲	▲	●	●	■	■	●	■
Dioxane	■	■	■	■	▲	▲	■	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	■	■	■	▲
Ethyl Acetate (Ethyl Ester)	●	●	●	●	■	▲	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	■	■	■	■	▲	■
Ethyl Alcohol (Absolute Ethanol)	●	■	●	●	●	●	■	■	●	●	●	■	●	■	▲	▲	▲	▲	●	●	●	●	●	■
Ethyl Chloride (Chloroethane)	■	▲	▲	▲	■	▲	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	■	■	■	■
Ethylene Chloride	■	▲	▲	▲	■	▲	■	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	▲	▲	■	■
Ethylene Oxide (Pure)	■	■	■	■	■	▲	■	▲	▲	▲	■	▲	▲	▲	▲	▲	●	●	●	●	●	●	■	■
Ethylene Oxide (Gas)	■	■	●	●	●	●	■	■	■	■	●	●	■	■	■	■	●	●	●	●	■	■	■	■
Formaldehyde (Formalin) 40%	●	■	●	■	●	●	●	●	●	●	●	●	■	■	■	▲	■	■	●	●	●	●	●	■
Formic Acid (50%)	■	■	●	●	●	■	●	●	●	▲	■	■	■	■	●	■	■	■	●	●	■	■	■	■
Formic Acid (100%)	■	■	●	●	●	■	●	●	▲	■	▲	■	■	■	▲	▲	■	■	●	●	▲	▲	■	■
Glycerine (Glycerol)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■	■	●	■

Chemical resistance of plastics

 Good resistance; continuous exposure to the substance causes minor damage within 7 - 30 days

 Poor resistance: not suitable for continuous exposure to the substance. Immediate damage may occur

 No information available

	LDPE		HDPE		PP		PMP (TPX)		PVC		PC		PS		SAN		PMMA		PTFE		POM		PBT	
Temperature °C	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50
Hexane																								
Hydrobromic Acid (69%)																								
Hydrochloric Acid (5%)																								
Hydrochloric Acid (35%)																								
Hydrofluoric Acid (48%)																								
Hydrogen Peroxide (30%)																								
Lactic Acid (85%)																								
Methyl Acetate																								
Methyl Alcohol (Methanol)																								
Methyl Ethyl Ketone (Butanone)																								
Methylene Chloride (Dichloro Methane)																								
Mineral Oil																								
Nitric Acid (10%)																								
Nitric Acid (70%)																								
Nitrobenzene																								
Oxalic Acid (10%)																								
Perchloric Acid (70%)																								
Phenol (100%)																								
Phosphoric Acid (85%)																								
Picric Acid																								
Potassium Hydroxide (30%)																								
Potassium Permanganate																								
Propylene Glycol																								
Pyridine																								
Salicylic Acid																								
Silver Nitrate																								
Sodium Hydroxide (50%)																								
Sodium Hypochlorite (15%)																								
Sulphuric Acid (20%)																								
Sulphuric Acid (60%)																								
Sulphuric Acid (98%)																								
Tetrahydrofuran (THF)																								
Toluene																								
Trichloroacetic Acid																								
Trichloroethylene																								
Turpentine																								
Xylene																								
Zinc Chloride (10%)																								
Zinc Sulphate (10%)																								

This chart gives general guidelines only on the chemical resistance of plastics. There are many factors that influence chemical resistance, we therefore recommend that you test for your own application before selecting the appropriate Azlon® product. If you have any doubts please contact us for assistance.

Care and maintenance of laboratory plasticware

The following guidelines are provided to ensure your plastic laboratory-ware is maintained in the best possible condition.

These guidelines are not definitive and care must be taken as each polymer has its own unique properties. Please also consult the chemical and physical properties charts in this catalogue. If you are still unsure please contact us for advice.

General Precautions

- Chemicals can adversely affect the performance of laboratory plasticware resulting in cracking, loss of strength and flexibility etc.
- If in any doubt, note the type of polymer the product is manufactured from, the chemical that is to be used, then confirm compatibility by checking against the chemical resistance chart. (See pages 6-7).

Washing and cleaning

- Most laboratory plasticware is readily cleaned in warm water with a detergent and soft cloth or sponge.
- Avoid using abrasive cleaners or scouring pads which can result in surfaces becoming scratched.
- A low or non-alkaline detergent is suitable for cleaning most plasticware.

Note however that polystyrene and polycarbonate products are susceptible to attack by alkalis and a neutral detergent is recommended.

- If using an automatic laboratory washing machine to wash plastic volumetric ware, such as measuring cylinders, employ a wash temperature below 60°C. High temperatures can affect volumetric accuracy.
- Ultrasonic baths may be used for cleaning plasticware. However do take care that the products do not directly touch the transducer membrane.

Heating

- Never place plasticware in direct contact with a flame or place onto a hotplate surface.
- Most plastics allow the transmission of microwaves.
However, as with any microwave vessel, be sure it holds a microwave absorbing material, such as water, before placing in the oven.

Sterilisation

- If the plasticware is to be sterilised by autoclaving always pre-check that the polymer can withstand repeated exposure to temperatures of 121°C.
- Azlon® plastic products that are autoclavable are identified by an  symbol in this catalogue.
- When autoclaving bottles always ensure the caps are loosened or removed to prevent accidental collapse or deformation.

Disposal

- If the disposal of an item of plasticware is unavoidable, always follow local laws and regulations.
Where reclamation facilities are offered it can be helpful to segregate the products by polymer type: many Azlon® products are marked with an SPI code to help identification.

Adapters, reduction, PTFE



- Useful for the connection of dissimilar sized ground glass joints, compatible with Quickfit®
- Excellent chemical resistance
- Suitable for food contact applications in accordance with U.S. FDA regulations
- Operating temperature up to 260°C
- Manufactured from USP Class VI grade PTFE

Product Code	Socket size	Cone size	Pack qty.
SWN902	10/19	14/23	1
SWN908	19/26	34/35	1
SWN909	24/29	29/32	1
SWN911	29/32	34/35	1



Ampoule breakers, HDPE



- Enables safe and easy breaking of glass ampoules
- Broken ampoule top is retained for safe disposal
- Choice of size to suit all common glass ampoules

Product Code	Ampoule size	Pack qty.
AWY700	1 - 4ml	1000
AWY702	5 - 10ml	1000



Aspirators and Carboys



Aspirator, narrow neck, HDPE



- Large capacity aspirators with screw caps
- Ideal for bench-top dispensing of common laboratory liquids/distilled water etc. featuring smooth operating leak-proof stopcocks
- Good resistance to chemical attack
- Suitable for food contact applications in accordance with U.S. FDA regulations

Product Code	Capacity (litres)	Neck I.D. (mm)	Diam. x height (mm)	Shape	Pack qty.
BGH034	5	49	175 x 330	Octagonal	1
BGH036	10	49	220 x 380	Octagonal	1
BGH037	20	51	265 x 510	Round	1
BGH038	25	80	280 x 580	Round	1
BGH040	50	80	350 x 700	Round	1

 Large carboys can be found on pages 12-13.

Aspirator, narrow neck, HDPE, spares

Product Code	Description	Pack qty.
SWQ016	Spare stopcock for BGH034 & BGH036	1
SWQ003	Spare stopcock for BGH038, BGH040, BGH068, BGH070 & BWX072	1



Aspirator, heavy duty, polypropylene



- Squat form for stable location on shelves, bench top or in transit
- Moulded handle for safe and secure carrying
- Clear moulded graduations allowing quick and easy volume assessment
- Leakproof heavy duty stopcock opens and closes in a quarter turn
- Autoclavable polypropylene for easy cleaning and sterilisation
- Caps have moulded drill guides for easy location of probes and feed-lines

Product Code	Capacity (litres)	Thread size (mm)	Height x width (mm)	Pack qty.
BNP05A	5	45	270 x 220	1
BNP10A	10	80	360 x 280	1
BNP20A	20	80	420 x 350	1

 Carboys can be found on pages 12-13.

 When autoclaving aspirators always ensure the caps are completely loosened or removed to prevent accidental implosion.

Aspirator, heavy duty, polypropylene, spares

Product Code	Description	Pack qty.
CAP045/H	Spare cap for BNP05A/B - White	10
CGZ85PP	Spare cap for BNP10A/B & 20A/B	1
SCBNP01	Spare stopcock	1

Aspirator, wide neck, HDPE



- Large capacity aspirator with easy fill wide aperture
- Screw cap with water tight rubber seal, leak-proof stopcock and carry handles
- Ideal for bench top dispensing of common laboratory liquids
- Suitable for food contact applications in accordance with EU and U.S. FDA regulations
- Good resistance to chemical attack

Product Code	Capacity (ml)	Neck I.D. (mm)	Height (mm)	Pack qty.
BGH068	30000	240	420	1
BGH070	50000	240	640	1
BWX072	100000	240	770	1



Spare stopcocks for this item - SWQ003 can be found on page 10



Aspirator, square, HDPE



- Square shape saves space on benchtops and shelves
- Push-in water tight stopcock
- 5L version features 2 moulded handles for safe transportation
- Larger sizes have a carry handle

Product Code	Capacity (ml)	Neck I.D. (mm)	Height (mm)	Pack qty.
BSH05A	5000	40	325	1
BSH10A	10000	40	365	1
BSH20A	20000	50	465	1
BSH30A	30000	65	525	1



Replacement stopcock: 4461/0010



Aspirators and Carboys



Aspirators can be found on pages 10-11.



When autoclaving bottles always ensure the caps are completely loosened or removed to prevent accidental implosion.

Carboy, heavy duty, polypropylene



- Good general chemical resistance
- Squat form for easy location on shelves, bench top or in transit
- Moulded handle for safe and secure carrying
- Moulded graduations for quick easy volume assessment
- Autoclavable at 121°C
- Caps on 10 & 20 litre carboys have moulded drill guides to aid installation of feed-lines etc.

Product Code	Capacity (litres)	Thread size (mm)	Height x width (mm)	Pack qty.
BNP05B	5	45	270 x 220	1
BNP10B	10	80	360 x 280	1
BNP20B	20	80	420 x 350	1

Bottles, carboy, heavy duty, polypropylene, spares

Product Code	Description	Pack qty.
CAP045/H	Spare cap for BNP05A/B - White	10
CGZ85PP	Spare cap for BNP10A/B & 20A/B	1



Large aspirators can be found on page 11.

Carboy, HDPE



- Large capacity bottles with screw cap
- Ideal for bulk storage or transport of liquids
- Fitted with carrying handle
- Clear moulded graduations allowing quick and easy volume assessment
- Good resistance to chemical attack
- Suitable for food contact applications in accordance with U.S. FDA regulations

Product Code	Capacity (litres)	Neck I.D. (mm)	Overall height (mm)	Pack qty.
BGH022	5	49	330	1
BGH024	10	49	380	1
BGH026	25	80	580	1
BGH028	50	80	700	1
BGH025	20	51	510	1

Carboy, square, HDPE



- Square shape saves space on benchtops and shelves
- Graduated body
- 5L version features 2 moulded handles for safe transportation
- Larger sizes have a carry handle

Product Code	Capacity (litres)	Base (mm)	Neck I.D. (mm)	Height (mm)	Pack qty.
BSH05B	5	165	40	325	1
BSH10B	10	210	40	365	1
BSH20B	20	262	50	465	1
BSH30B	30	305	65	525	1



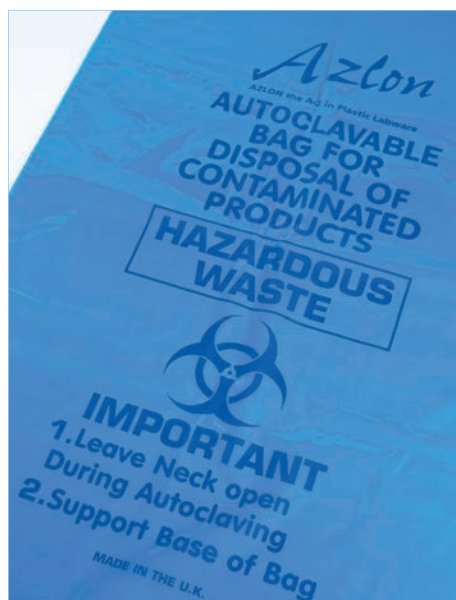
Carboy, wide neck, HDPE



- Round wide neck carboys with screw caps allow for ease of access
- Caps have LDPE plug- inserts
- Fitted with comfortable carry handles
- Good resistance to chemical attack
- Ideal for bulk storage or transport of liquids and solids
- Suitable for food contact applications in accordance with EU and U.S. FDA regulations

Product Code	Capacity (litres)	Neck I.D. (mm)	Diam. x height (mm)	Pack qty.
BWM05	5	85	167 x 350	1
BWM10	10	100	212 x 420	1
BWM20	20	130	265 x 500	1
BWM25	25	130	278 x 550	1



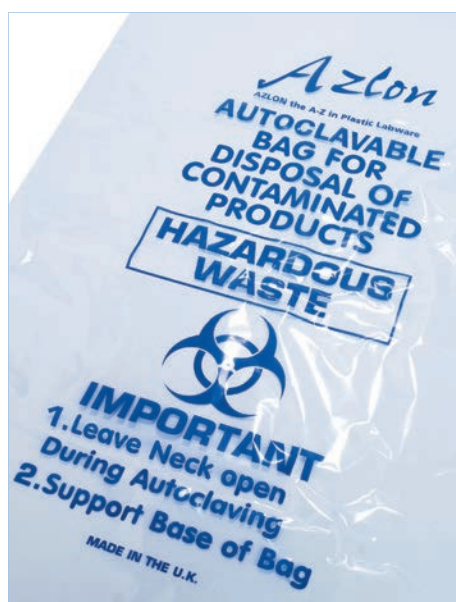


Bags, autoclave, blue, polypropylene



- Suitable for autoclaving biohazardous waste at 121°C
- Strong side weld construction (50µm)
- Printed with instructions for use and biohazard symbol
- Suitable for food contact applications in accordance with EU and U.S. FDA regulations

Product Code	Size (mm)	Pack qty.
BWY200	300 x 608	100
BWY202	608 x 764	100
BWY204	608 x 896	100



Bags, autoclave, high temperature, clear, polypropylene



- Suitable for autoclaving biohazardous waste at 135°C
- Strong side weld construction (50µm)
- Transparent and printed with instructions for use and biohazard symbol
- Suitable for food contact applications in accordance with EU and U.S. FDA regulations

Product Code	Size (mm)	Pack qty.
BWY250	302 x 660	100
BWY252	433 x 632	100
BWY254	608 x 866	100



Balers, polypropylene



- Enables easy sampling of liquids
- A choice of 3 sampling volumes
- Supplied with 1m durable polypropylene coated steel handle
- Handle is screwed into beaker (13mm thread) via a welded coupling tube
- Units are autoclavable up to 121°C

Product Code	Capacity (ml)	Pack qty.
BWX016	250	1
BWX018	500	1
BWX020	1000	1

Baskets, low form, polypropylene



- Strong lightweight rectangular basket
- Suitable for use as a draining / autoclave basket or for general storage
- Units stack when not in use to save space
- Good chemical resistance
- Autoclavable to 121°C

Product Code	l x w x h (mm)	Pack qty.
TWR200	400 x 300 x 100	1

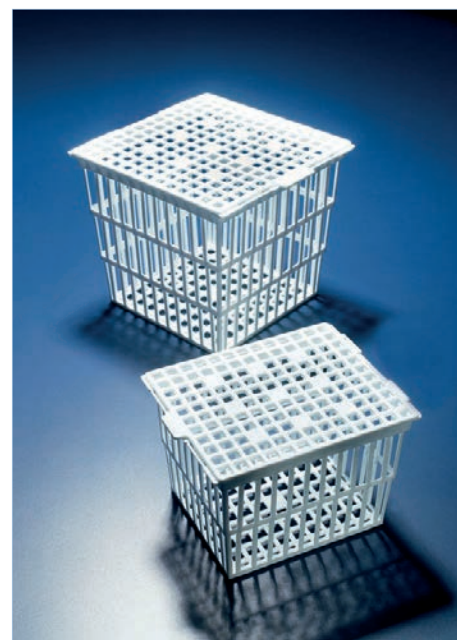


Baskets, with hinged lid, polypropylene



- Autoclavable at 121°C
- Ideal for sterilising test tubes
- Useful for storage in the laboratory
- Stackable space saving design

Product Code	l x w x h (mm)	Pack qty.
BWK004	143 x 120 x 109	1
BWK006	167 x 167 x 155	1
BWK009	225 x 225 x 230	1





Beakers, straight sided, printed graduations, polypropylene



- Ideal for general laboratory use - straight stable shape
- Good chemical resistance
- Autoclavable at 121°C
- Graduations are clearly printed in indelible solvent resistant ink

Product Code	Capacity (ml)	Grads. (ml)	O.D. (mm)	Height (mm)	Pack qty.
BDA208P	10	1	32	32	10
BDA212P	25	2	42	40	10
BDA218P	50	5	51	51	10
BDA224P	100	10	62	62	10
BDA230P	250	25	82	82	10
BDA234P	400	50	94	95	10
BDA236P	500	50	93	101	10
BDA238P	600	50	106	107	5
BDA240P	1000	100	127	126	5
BDA242P	2000	200	158	160	1



*BDA234P and BDA238P are supplementary to ISO 7056.
Cleaning temperatures below 60°C are recommended to preserve marks and inscriptions.*

Beakers, straight sided, printed graduations, polypropylene, sets



- Set of classic Azlon beakers

Product Code	Description	Pack qty.
BDA218MES	Set of 3 beakers (50, 100 & 250ml)	1
BDA1198	Set of 3 beakers (500, 1000 & 2000ml)	1
BDA1199	Set of 5 beakers (10, 25, 50, 100 & 250ml)	1
BDA1200	Set of 8 beakers (10, 25, 50, 100, 250, 500, 1000 & 2000ml)	1
BDA300P	Set of 10 beakers (One of each size)	1

Beakers, tapered, printed graduations, polypropylene



- Tapered stacking style - space saving and easy to handle
- Complies with ISO 7056
- High clarity polypropylene - autoclavable at 121°C with good chemical resistance
- Crisp, blue, easy to read indelible graduations
- Precise non drip pouring spouts

Product Code	Capacity (ml)	Grads. (ml)	Rim diam. (mm)	Height (mm)	Pack qty.
BPB0025P	25	5	41.5	51	10
BPB0050P	50	10	50.5	61	10
BPB0100P	100	20	61.5	73	10
BPB0250P	250	50	80.5	96	10
BPB0400P	400	50	92.5	111	10
BPB0500P	500	50	102.5	121	10
BPB0600P	600	50	104.0	126	5
BPB1000P	1000	100	120.0	148	5
BPB2000P	2000	200	163.0	188	1
BPB3000P	3000	200	172.0	214	1
BPB5000P	5000	500	230.0	250	1



i BPB0400P, BPB0600P and BPB3000P are supplementary to ISO range.

Beakers, tapered, moulded graduations, polypropylene



- Tapered Beaker for ease of handling
- Comply to ISO 7056
- Autoclavable at 121°C with good chemical resistance
- Stackable space saving design
- Made from high clarity polypropylene
- Durable and economical with clear, moulded permanent graduations
- Precise non drip pouring spouts

Product Code	Capacity (ml)	Grads. (ml)	Rim diam. (mm)	Height (mm)	Pack qty.
BPM0025P	25	5	41.5	51	10
BPM0050P	50	10	50.5	61	10
BPM0100P	100	20	61.5	73	10
BPM0250P	250	50	80.5	96	10
BPM0400P	400	50	92.5	111	10
BPM0500P	500	50	102.5	121	10
BPM0600P	600	50	104.0	126	5
BPM1000P	1000	100	120.0	148	5
BPM2000P	2000	200	163.0	188	1
BPM3000P	3000	200	172.0	214	1
BPM5000P	5000	500	230.0	250	1



i BPM0400P, BPM0600P and BPM3000P are supplementary to ISO range.



BDC234P and BDC238P are supplementary to ISO 7056



Cleaning temperatures below 60°C are recommended to preserve marks and inscriptions

Beakers, low form, Griffin, printed graduations, polypropylene

- Complies with ISO 7056
- Traditional beaker shape
- Ideal for general laboratory use
- Good chemical resistance
- Autoclavable at 121°C
- Graduations are clearly printed in indelible solvent resistant ink



Product Code	Capacity (ml)	Grads. (ml)	O.D. (mm)	Height (mm)	Pack qty.
BDC208P	10	2	27	36	12
BDC212P	25	5	35	50	12
BDC218P	50	10	42	60	12
BDC224P	100	10	51	69	12
BDC230P	250	25	71	94	6
BDC234P	400	50	80	111	6
BDC236P	500	50	87	117	6
BDC238P	600	50	95	125	6
BDC240P	1000	100	107	148	6
BDC242P	2000	200	131	187	6



BDD334P and BDD338P are supplementary to ISO 7056



Cleaning temperatures below 60°C are recommended to preserve marks and inscriptions

Beakers, low form, Griffin, printed graduations, PMP (TPX)

- Complies with ISO 7056
- Traditional beaker shape
- Ideal for general laboratory use
- Suitable for food contact applications in accordance with U.S. FDA regulations
- Good chemical resistance
- Can withstand temperatures up to 150°C and therefore autoclavable
- Graduations are clearly printed in indelible solvent resistant ink



Product Code	Capacity (ml)	Grads. (ml)	Diam. (mm)	Height (mm)	Pack qty.
BDD312P	25	5	35	50	12
BDD318P	50	10	42	60	12
BDD324P	100	10	51	69	12
BDD330P	250	25	71	94	6
BDD334P	400	50	80	111	6
BDD336P	500	50	87	117	6
BDD338P	600	50	95	125	6
BDD340P	1000	100	107	148	6
BDD342P	2000	200	131	187	6

Beakers, straight sided, PTFE



- Opaque PTFE beakers
- Suitable for food contact applications in accordance with U.S. FDA regulations
- Manufactured from USP Class VI grade PTFE
- Rigid and non-porous with a smooth surface
- Resistant to all chemicals except molten alkali metals and fluorine
- Efficient substitute for platinum
- Can withstand temperatures up to 260°C

Product Code	Capacity (ml)	O.D. (mm)	Height (mm)	Pack qty.
BWN008	10	24	33	1
BWN012	25	32	47	1
BWN018	50	43	60	1
BWN024	100	54	68	1
BWN028	150	59	75	1
BWN030	250	66	97	1
BWN035	400	80	106	1
BWN036	500	80	125	1



For information on food safety, please refer to the technical section.



It is NOT advisable to use PTFE beakers on a hotplate as fluorine can be emitted at high temperatures.



Disposal bins, cardboard & LDPE



- Self assembly rigid boxes for safe disposal of broken glass
- Glass is safely held in strong leak-proof and puncture resistant LDPE liner
- Lid has an integral waste flap for easy use and has a sealing feature for use when full
- Boxes are clearly printed with instructions for use

Product Code	Description	Dimensions (w x d x h) (cm)	Pack qty.
DBG001P	Glass bin floor standing	30 x 30 x 70	6
DBG002P	Glass bin bench top	23 x 23 x 26.5	6



Incineration bins, cardboard & LDPE



- Self-assembly rigid boxes for the collection and incineration of biohazardous waste
- Waste is safely held in strong leak-proof and puncture resistant LDPE liner
- Lid has an integral waste flap for easy use and has a sealing feature for use when full
- Boxes are clearly printed with instructions for use

Product Code	Description	Dimensions (w x d x h) (cm)	Pack qty.
DBH001P	Incineration bin floor standing	30 x 30 x 70	6
DBH002P	Incineration bin bench top	20 x 20 x 25	6

Bottles, square, narrow neck, polycarbonate



- Highly transparent polycarbonate media bottles with linerless polypropylene cap
- Suitable for repeated sterilisation by autoclaving at 121°C
- Ideal for the preparation and storage of biological media, reagents and aqueous solutions
- Leakproof
- Practical square design for economic use of space
- Heavy duty and durable in use

Product Code	Capacity (ml)	Neck I.D. (mm)	Height (mm)	Width (mm)	Pack qty.
BSC0250	250	28	139	59	24
BSC0500	500	28	172	73	12
BSC1000	1000	28	213	92	12
BSC2000	2000	40	266	115	6



i Recommended for up to 10 autoclave cycles at 121°C

Bottles, Boston round, narrow neck, polycarbonate



- Highly transparent polycarbonate media bottles with linerless polypropylene cap
- Suitable for repeated sterilisation by autoclaving at 121°C
- Ideal for the preparation and storage of biological media, reagents and aqueous solutions
- Leakproof
- Classic round design
- Heavy duty and durable in use

Product Code	Capacity (ml)	Height (mm)	Diam. (mm)	Neck I.D. (mm)	Pack qty.
BRC0500	500	175	81	28	12
BRC1000	1000	216	97	28	12



i Recommended for up to 10 autoclave cycles at 121°C

Bottles, vials, round, polycarbonate



- Highly transparent polycarbonate vials with coloured polypropylene cap
- Suitable for repeated sterilisation by autoclaving at 121°C
- Ideal for sampling, production and packaging of steam sterilised biological solutions
- Leakproof and shatterproof
- Withstands temperatures to -80°C

Product Code	Capacity (ml)	Height (mm)	Neck I.D. (mm)	O.D. (mm)	Pack qty.
BRC0005	5	52	14	22	100
BRC0010	10	62	14	24	100



i Recommended for up to 10 autoclave cycles at 121°C



When autoclaving bottles always ensure the caps are completely loosened or removed to prevent accidental implosion.

Bottles, round, narrow neck, polypropylene



- Translucent, rigid polypropylene bottles with polypropylene screw caps
- Heavy duty and very durable in use
- Autoclavable at 121°C
- Suitable for food contact applications in accordance with EU and U.S. FDA regulations
- Ideal for a wide range of liquid storage, media preparation and sampling applications
- Batch certificate available to download online
- Good general chemical resistance
- Available in bulk packs

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Neck I.D. (mm)	Pack qty.
BNP0030PN	30	67	32	16	10
BNP0060PN	60	79	40	16	10
BNP0100PN	100	89	50	21	10
BNP0125PN	125	103	50	21	10
BNP0150PN	150	117	50	21	10
BNP0250P	250	140	60	21	10
BNP0500P	500	160	75	21	10
BNP1000P	1000	200	90	21	5
BNP2000P	2000	237	120	34	5



When autoclaving bottles always ensure the caps are completely loosened or removed to prevent accidental implosion.

Bottles, round, wide neck, polypropylene



- Translucent, rigid polypropylene bottles with polypropylene screw caps
- Leak-proof, liner-less design
- Smooth inner contours for efficient pouring and ease of cleaning
- Heavy duty and very durable in use
- Suitable for food contact applications in accordance with EU and U.S. FDA regulations
- Ideal for a wide range of liquid storage, media preparation and sampling applications
- Good chemical resistance
- Batch certificate available to download online
- Available in bulk packs
- Autoclavable at 121°C

Product Code	Capacity (ml)	Height (mm)	Diam. (mm)	Neck I.D. (mm)	Pack qty.
BWP0030PN	30	70	32	22	10
BWP0060PN	60	82	40	22	10
BLP0100P	100	89	51	32	10
BLP0125P	125	104	51	32	10
BLP0150P	150	116	51	32	10
BWP0250P	250	140	60	37	10
BWP0500P	500	161	75	46	10
BWP1000P	1000	205	90	55	5
BWP2000P	2000	242	120	55	5

New Improved Azlon Storage Bottles

Leak-proof, liner-less design



Secure closure comes from high quality moulded threads and seal profiles on bottle and cap.

A pronounced collar provides an effective anchor for shrink wrap.

The smooth inner neck and base contours provide easy pouring and effective access for cleaning.

Base mouldings include recycling codes, bottle volumes and registration ramp as standard across the range.

The new improved Azlon Storage bottles are suitable for a wide range of applications including sample collection, mixing, preparation, transporting and storage.

They are manufactured to a new leak-proof, liner-less design. Precision injection blow moulding provides effective sealing between bottle and cap without the need for loose cap insert liners.

The range has good chemical resistance and is available in polyethylene, polypropylene and amber polypropylene for the storage of light sensitive samples.

Polypropylene bottles are suitable for autoclaving at 121°C.





For information on chemical resistance please refer to the chemical resistance chart in the technical section.



When autoclaving bottles always ensure the caps are completely loosened or removed to prevent accidental implosion.

Bottles, round, wide neck, amber, polypropylene



- Opaque, rigid amber polypropylene bottles with black polypropylene screw caps
- Leak-proof, liner-less design
- Ideal for a wide range of light sensitive liquid or solid storage
- Smooth inner contours for efficient pouring and ease of cleaning
- Heavy-duty and very durable in use
- Good general chemical resistance
- Autoclavable at 121°C

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Neck I.D. (mm)	Pack qty.
BWP0060AP	60	82	40	22	10
BWP0150AP	150	116	51	32	10
BWP0250AP	250	140	60	37	10
BWP0500AP	500	161	75	46	10
BWP1000AP	1000	205	90	55	5
BWP2000AP	2000	242	120	55	5



When autoclaving bottles always ensure the caps are completely loosened or removed to prevent accidental implosion.

Bottles, graduated, write-on-panel, polypropylene



- Translucent polypropylene bottles with good chemical resistance
- Leak-proof, liner-less design
- Clear crisp printed graduations show millilitres and fluid ounces
- Printed with large white write-on-panel for easy labelling
- Smooth inner contour for efficient pouring and ease of cleaning
- Batch certificate available to download online
- Suitable for food contact applications in accordance with EU and U.S. FDA regulations
- Ideal for both liquids and solids, perfect for microbiological sampling
- Autoclavable at 121°C

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Neck I.D. (mm)	Pack qty.
BWP0060PGRAD	60	82	40	22	10
BLP0125PGRAD	125	104	51	32	10
BLP0150PGRAD	150	116	51	32	10
BWP0250PGRAD	250	141	60	37	10
BWP0500PGRAD	500	161	75	46	10
BWP1000PGRAD	1000	205	90	55	5

Bottles, round, narrow neck, HDPE



- Translucent, rigid HDPE bottles with polypropylene screw caps
- Lightweight but very durable in use
- Suitable for food contact applications in accordance with EU and U.S. FDA regulations
- Batch certificate available to download online
- Ideal for storing a wide range of liquids
- Good general chemical resistance
- Available in bulk packs

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Pack qty.
BNH0030PN	30	67	32	10
BNH0060PN	60	78	40	10
BNH0100PN	100	89	50	10
BNH0125PN	125	103	50	10
BNH0150PN	150	116	50	10
BNH0250P	250	140	60	10
BNH0500P	500	160	75	10
BNH1000P	1000	201	90	5
BNH2000P	2000	237	120	5



For further information on chemical comparability see the chemical resistance chart in the technical section.



Bottles, round, powder, wide neck, HDPE



- Translucent rigid HDPE bottles with PVDC wadded polypropylene screw caps
- Ideal for storage of powders and other solids

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Neck I.D. (mm)	Pack qty.
BGC428P	150	104	50	26	10
BGC430P	250	124	61	48	10
BGC432P	300	135	61	48	10
BGC436P	500	154	74	48	10
BGC440P	1000	190	98	72	5





Bottles, round, wide neck, HDPE



- Translucent, rigid HDPE bottles with polypropylene screw caps
- Leak-proof, liner-less design
- Smooth inner contours for efficient pouring and ease of cleaning
- Heavy duty and very durable in use
- Ideal for a wide range of liquid storage and sampling applications
- Suitable for food contact applications in accordance with EU and U.S. FDA regulations
- Batch certificate available to download online
- Bulk packs contain an equal number of bottles and caps, packed separately
- Available in bulk packs

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Neck I.D. (mm)	Pack qty.
BWH0030PN	30	70	32	22	10
BWH0060PN	60	82	40	22	10
BLH0100P	100	89	51	32	10
BLH0125P	125	104	51	32	10
BLH0150P	150	116	51	32	10
BWH0250PN	250	140	60	37	10
BWH0500PN	500	161	75	46	10
BWH1000PN	1000	205	90	55	5
BWH2000P	2000	242	120	55	5



For information on food safety, please refer to the technical section.



Bottles, square, graduated, coloured cap, wide neck, HDPE



- Lightweight square bottles with plug seal and blue screw cap
- Moulded graduations for approximate volume measurement
- Ideal for powders
- Space saving design
- Neck I.D. 58mm

Product Code	Capacity (ml)	l x w x h (mm)	Pack qty.
BGE236P	500	75 x 75 x 120	10
BGE240P	1000	94 x 75 x 180	5
BGE242P	2000	108 x 92 x 235	5

Bottles, square, graduated, wide neck, HDPE



- Heavy duty square bottles with plug seal and screw cap
- Easy to grip caps have toggle for tamper evident wire attachment to neck
- Moulded graduations for approximate volume measurement
- Suitable for liquid or solid usage
- Suitable for food contact applications in accordance with EU and U.S. FDA regulations
- Space saving design

Product Code	Capacity (ml)	Neck I.D. (mm)	l x w x h (mm)	Pack qty.
BGE212P	25	18	32 x 32 x 51	10
BGE218P	50	24	36 x 36 x 68	10
BGE224P	100	34	48 x 45 x 88	10
BGE230P	250	34	60 x 56 x 108	10
BGE336P	500	44	80 x 67 x 135	10
BGE340P	1000	58	101 x 82 x 170	5
BGE342P	2000	58	130 x 98 x 215	5



For information on food safety, please refer to the technical section.

Bottles, square, narrow neck, blue cap, HDPE



- Translucent HDPE bottles with linerless cap
- Ideal for general laboratory applications
- Heavy duty and durable in use
- Practical square design for economic use of space
- Good chemical resistance

Product Code	Capacity (ml)	Base x height (mm)	Neck I.D. (mm)	Pack qty.
BSR0100P	100	45 x 104	21	10
BSR0250P	250	56 x 130	21	10
BSR0500P	500	71 x 162	21	10
BSR1000P	1000	82 x 205	21	5





Bottles, square, wide neck, wadded, HDPE

- Heavy duty wide neck bottles
- Black polypropylene lid with LDPE foam wad
- Practical square design for economic use of space
- Designed for chemical, powder or granule storage



Product Code	Capacity (ml)	Base x height (mm)	Neck I.D. (mm)	Pack qty.
BGE424P	100	47 x 74	33	10
BGE426P	125	47 x 89	33	10
BGE430P	250	60 x 106	43	10
BGE436P	500	72 x 127	52	10
BGE439P	1000	95 x 171	58	5
BGE441P	1500	101 x 184	58	5



Bottles, round, slope shoulder, narrow neck, LDPE

- Flexible and translucent lightweight bottles
- Suitable for liquids
- Slope shoulder for smooth pouring
- Supplied capped with 28R4 polypropylene screw cap
- Neck I.D. 21mm



Product Code	Capacity (ml)	O.D. x height (mm)	Pack qty.
BGK930P	250	54 x 152	10
BGK936P	500	69 x 187	10
BGK940P	1000	84 x 246	5

Bottles, round, narrow neck, LDPE



- Translucent, flexible LDPE bottles with polypropylene screw caps
- Heavy duty and very durable in use
- Ideal for a wide range of liquid storage and sampling applications
- Suitable for food contact applications in accordance with EU and U.S. FDA regulations
- Batch certificate available to download online
- Available in bulk packs
- Good general chemical resistance

Product Code	Capacity (ml)	Height (mm)	Diam. (mm)	Neck I.D. (mm)	Pack qty.
BNL0030PN	30	67	32	17	10
BNL0060PN	60	79	40	17	10
BNL0100PN	100	89	50	22	10
BNL0125PN	125	102	50	22	10
BNL0150PN	150	116	50	22	10
BNL0250P	250	139	60	21	10
BNL0500P	500	160	75	21	10
BNL1000P	1000	200	90	21	5
BNL2000P	2000	237	120	34	5



Bottles, dispensing, pivot nozzle, LDPE



- Round LDPE bottles fitted with a pivoting nozzle closure
- Nozzle retracts into cap to seal bottle
- Suitable for use as a dropping or wash bottle and excellent for dispensing gels
- Available in bulk packs

Product Code	Capacity (ml)	O.D. (mm)	Height (mm)	Pack qty.
BGE514P	30	32	66	10
BGE520P	60	40	79	10
BGE528P	150	59	120	10
BGE530P	250	59	145	10
BGE536P	500	74	174	10





Bottles, dispensing, spouted cap, LDPE



- Round LDPE bottles fitted with spouted dropper closure
- Closure features a captive sealing cap and can be cut to adjust flow rate
- Suitable for use as a dropping or dispensing bottle
- Good resistance to chemical attack

Product Code	Capacity (ml)	Cap size	Diam. (mm)	Height (mm)	Pack qty.
BGE814PNC	30	28R4	32	93	10
BGE820PNC	60	28R4	40	109	10
BGE828PNC	150	28R4	50	147	10
BGE830PNC	250	28R4	60	174	10
BGE836PNC	500	28R4	73	194	10



Bottles, round, wide neck, PTFE



- Opaque PTFE bottles
- Rigid with a smooth surface
- Resist all chemicals except molten alkali metals and fluorine
- Suitable for food contact applications in accordance with U.S. FDA regulations
- Slope shoulder for easy pouring of powders or liquids
- Manufactured from USP Class VI grade PTFE
- Can withstand temperatures up to 260°C

Product Code	Capacity (ml)	Diam. x height (mm)	Neck I.D. (mm)	Pack qty.
BWN118	50	43 x 76	25	1
BWN124	100	52 x 88	35	1
BWN130	250	67 x 115	42	1



For information on food safety, please refer to the technical section.



Do not use when sealed for chemical reactions or digestions.
Loosen lids when thermally sterilising.

Technical information - wash bottles

Azlon Multi-lingual wash bottles are available in a number of language combinations and possess information on solvent identity and Globally Harmonised System hazard and safety information. The Azlon Multi-lingual OSHA (Occupational Safety and Health Administration) range also displays pictograms indicating appropriate Personal Protective Equipment (PPE) for use. Azlon wash bottles are available in a variety of designs and sizes for general and specific applications either non-vented or vented to prevent solvent loss.

Wash bottle dimensions

Wide Neck Wash Bottles

Capacity (ml)	Height (mm)	Bottle OD (mm)	Neck ID (mm)	Neck OD (mm)	Cap ID (mm)
250	140	60	34	38	46
500	163	75	34	38	46
1000	202	90	34	38	46

Narrow Neck Wash Bottles

Capacity (ml)	Height (mm)	Bottle OD (mm)	Neck ID (mm)	Neck OD (mm)	Cap ID (mm)
250	139	59	21	25	28
500	160	73	21	25	28

Slope Shoulder Wash Bottles

Capacity (ml)	Height (mm)	Bottle OD (mm)	Neck ID (mm)	Neck OD (mm)	Cap ID (mm)
250	152	54	21	25	28
500	187	69	21	25	28
1000	246	84	21	25	28

Region Key for multi-lingual wash bottles

Languages

- **Region 1** English, French, German & Spanish
- **Region 2** Norwegian, Danish, Swedish & English
- **Region 3** Russian, Polish, German & English
- **Region 4** Arabic, French & English

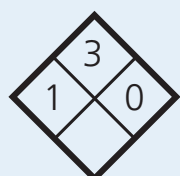
Please use this key when selecting the language you require

USA, National Fire Protection Association (NFPA) Diamond codes. For emergency response, chemicals are ranked according to the hazard they present. Rating 4 represents the greatest hazard and 0 the lowest.

Top Diamond

Fire Hazard - Flash Point

- 4 - Below 70°F/21°C
- 3 - Below 100°F/38°C
- 2 - Below 200°F/93°C
- 1 - Above 200°F/93°C
- 0 - Non-flammable



Left-hand Diamond

Health Hazard

- 4 - Deadly
- 3 - Extremely dangerous
- 2 - Hazardous
- 1 - Slightly hazardous
- 0 - Normal material

Bottom Diamond

Special Hazard - Warning pictograms, including those for chemicals that are:

- Air-reactive
- Water-reactive
- Carcinogenic

Right-hand Diamond

Reactivity Hazard

- 4 - Explosive
- 3 - Shock and heat may detonate
- 2 - Violent change may occur
- 1 - Unstable if heated
- 0 - Normally stable

GHS Pictograms



Flammable Hazard



Corrosive



Toxic



Health Hazard



Harmful/Irritant



Dangerous for the Environment



Oxidising

Wide mouth for easy filling and colour coded cap for easy recognition of solvent.

Chemical name.

Chemical formulae and CAS number for easy identification of solvent contained.

Globally Harmonised System pictograms.

Signal word (i.e. 'Danger') – to identify the severity of the hazard statements.



Available with patented Driplok® technology which prevents solvent loss by allowing vapour to vent.

Safety information in up to four languages.

See page 36 for Multi-lingual wash bottles with additional Occupational Safety and Health Administration (OSHA) Personal Protective Equipment (PPE) pictograms

Attention Attention Achtung Atención



The new Azlon® multi-lingual wash bottle gives you chemical names and safety instructions in four European languages - English, French, German and Spanish.

We've also updated the design to reflect the very latest changes in European labelling legislation (GHS) including new hazard warning pictograms.

Plus, of course, you get all of the regular features and benefits this highly popular laboratory essential offers, including Driplik® vapour venting technology.

Our unique two-way valve lets the vapour escape when pressure builds up and stops air getting into the liquid. The result - no more hazardous drips or dribbles and an accurate, continuous dispensing stream.

Bottles, wash, multi-lingual, safety venting, wide neck, LDPE



- Multi-lingual wide neck wash bottles featuring the patented DripLok® vapour venting valve that prevents solvent drips
- Indelibly printed in up to four languages (Please refer to the Region Key for a list of the languages that are printed on each wash bottle)
- Choose from five solvent labels all including the new Globally Harmonised Symbols, NFPA diamond, risk phrases and safety information
- Fitted with colour coded one-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Print label	Closure colour	Country Region	Pack qty.
WGW531VTML	250	Acetone	Red	Region 1	5
WGW535VTML	250	Ethanol	Orange	Region 1	5
WGW534VTML	250	I.M.S	Yellow	Region 1	5
WGW533VTML	250	Isopropanol	Blue	Region 1	5
WGW532VTML	250	Methanol	Green	Region 1	5
WGW537VTML	500	Acetone	Red	Region 1	5
WGW541VTML	500	Ethanol	Orange	Region 1	5
WGW540VTML	500	I.M.S	Yellow	Region 1	5
WGW539VTML	500	Isopropanol	Blue	Region 1	5
WGW538VTML	500	Methanol	Green	Region 1	5
WGW550VTML	500	I.D.A	Yellow	Region 1	5
WGW537VTMLS	500	Acetone	Red	Region 2	5
WGW541VTMLS	500	Ethanol	Orange	Region 2	5
WGW539VTMLS	500	Isopropanol	Blue	Region 2	5
WGW538VTMLS	500	Methanol	Green	Region 2	5
WGW537VTMLR	500	Acetone	Red	Region 3	5
WGW541VTMLR	500	Ethanol	Orange	Region 3	5
WGW539VTMLR	500	Isopropanol	Blue	Region 3	5
WGW538VTMLR	500	Methanol	Green	Region 3	5
WGW537VTMLME	500	Acetone	Red	Region 4	5
WGW541VTMLME	500	Ethanol	Orange	Region 4	5
WGW539VTMLME	500	Isopropanol	Blue	Region 4	5
WGW538VTMLME	500	Methanol	Green	Region 4	5



Region Key for multi-lingual wash bottles

Languages	
● Region 1	English, French, German & Spanish
● Region 2	Norwegian, Danish, Swedish & English
● Region 3	Russian, Polish, German & English
● Region 4	Arabic, French & English
Please use this key when selecting the language you require	



Bottles, wash, multi-lingual, non-venting, wide neck, LDPE



- Multi-lingual wide neck wash bottles
- Indelibly printed in up to four languages (Please refer to the Region Key for a list of the languages that are printed on each wash bottle)
- Choose from up to three water or five solvent labels all including the new Globally Harmonised Symbols, NFPA diamond, risk phrases and safety information
- Fitted with colour coded one-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Print label	Closure colour	Country Region	Pack qty.
WGW600PML	250	Distilled water	White	Region 1	5
WGW602PML	250	Deionised water	White	Region 1	5
WGW530PML	250	Water	White	Region 1	5
WGW531PML	250	Acetone	Red	Region 1	5
WGW532PML	250	Methanol	Green	Region 1	5
WGW533PML	250	Isopropanol	Blue	Region 1	5
WGW534PML	250	I.M.S	Yellow	Region 1	5
WGW535PML	250	Ethanol	Orange	Region 1	5
WGW536PML	500	Water	White	Region 1	5
WGW601PML	500	Distilled water	White	Region 1	5
WGW603PML	500	Deionised water	White	Region 1	5
WGW537PML	500	Acetone	Red	Region 1	5
WGW538PML	500	Methanol	Green	Region 1	5
WGW539PML	500	Isopropanol	Blue	Region 1	5
WGW540PML	500	I.M.S	Yellow	Region 1	5
WGW541PML	500	Ethanol	Orange	Region 1	5
WGW601PMLS	500	Distilled water	White	Region 2	5
WGW603PMLS	500	Deionised water	White	Region 2	5
WGW536PMLS	500	Water	White	Region 2	5
WGW601PMLR	500	Distilled water	White	Region 3	5
WGW601PMLME	500	Distilled water	White	Region 4	5

Region Key for multi-lingual wash bottles

Languages

- **Region 1** English, French, German & Spanish
- **Region 2** Norwegian, Danish, Swedish & English
- **Region 3** Russian, Polish, German & English
- **Region 4** Arabic, French & English

Please use this key when selecting the language you require

Bottles, wash, DIY, wide neck, LDPE



- Do-it-yourself DripLok® wash bottles with blank write-on-panel
- Indelibly printed in 3 languages (English, French and German)
- Supplied with adhesive hazard labels

Product Code	Description	Cap Type	Pack qty.
WGW001VTML	250ml Custom/DIY with white cap	Vapour-venting	5
WGW002VTML	500ml Custom/DIY with white cap	Vapour-venting	5
WGW020VTML	1000ml Custom/DIY with white cap	Vapour-venting	5
WGWPEN01	Indelible black marker pen for custom /DIY wash bottles		2
WGW004VTML	500ml Custom/DIY with mixed colour caps	Vapour-venting	5
WGW001PML	250ml Custom/DIY with white cap	Non-venting	5
WGW002PML	500ml Custom/DIY with white cap	Non-venting	5
WGW020PML	1000ml Custom/DIY with white cap	Non-venting	5

Region Key for multi-lingual wash bottles

Languages	
● Region 1	English, French, German & Spanish
● Region 2	Norwegian, Danish, Swedish & English
● Region 3	Russian, Polish, German & English
● Region 4	Arabic, French & English
Please use this key when selecting the language you require	





Bottles, wash, Gram stain, venting, LDPE



- Pre-labelled with Gram stain solutions, hazard warning labels and instructions for use
- With patented DripLok® vapour venting technology
- The set of five wash bottles are printed with:-
 - Crystal violet solution
 - Lugol's iodine solution
 - Gram iodine solution
 - Gram colour/de-colourising solution
 - Safranine solution

Product Code	Description	Pack qty.
WGW0255V	Set of five 250ml Gram Stain venting wash bottles	5



Bottles, wash, non-venting, wide neck, DIY, LDPE



- Do-it-yourself wash bottles with blank write-on-panel
- Indelibly printed in 3 languages (English, French and German)
- Supplied with adhesive hazard labels

Product Code	Description	Pack qty.
WGW001PML	250ml Custom/DIY with white cap	5
WGW002PML	500ml Custom/DIY with white cap	5
WGW020PML	1000ml Custom/DIY with white cap	5
WGWPEN01	Indelible black marker pen for custom/DIY wash bottles	2

Azlon



Azlon® custom printed wash bottles

Design your own wash bottle and we will print it for you. Available in a range of bottle sizes from 250ml - 1000ml, wide or narrow mouth, venting or non-venting with a choice of cap colours. Call today for details or contact us for a quote. Minimum order usually 500.



Bottles, wash, tracker, LDPE



- Wash bottle designed with complete labelling facility to ensure full traceability
- Meets industry standards including those required by the Clinical Pathology Accreditation body
- Ideal for use in the clinical & general hospital market
- Unique write-on, wipe-off panel
- DripLok® vapour venting cap version available - for ultimate safety with volatile solvents
- Supplied with a set of COSHH labels

Product Code	Capacity (ml)	Cap Type	Closure colour	Pack qty.
WTR250P	250	Non-venting	Green	5
WTR250VT	250	Vapour-Venting	Red	5
WTR500P	500	Non-venting	Green	5
WTR500VT	500	Vapour-Venting	Red	5



Recordable information includes: bottle contents, first use and expiry dates, lot number, COSHH information, originator and date of receipt/preparation.



Bottles, wash, non-venting, wide neck, LDPE



- Square shoulder wash bottles featuring a wide neck for easy spill-free filling
- Fitted with colour-coded one-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Closure colour	Pack qty.
WGW230P	250	White	5
WGW231P	250	Red	5
WGW232P	250	Yellow	5
WGW233P	250	Green	5
WGW234P	250	Blue	5
WGW236P	500	White	5
WGW237P	500	Red	5
WGW238P	500	Yellow	5
WGW239P	500	Green	5
WGW235P	500	Blue	5
WGW443P	1000	White	5
WGW445P	1000	Red	5
WGW444P	1000	Yellow	5
WGW447P	1000	Green	5
WGW446P	1000	Blue	5
WGW229P	250	Mixed pack - one of each colour	1

Bottles, wash, safety venting, wide neck, LDPE



- Square shoulder wash bottles featuring a wide neck for easy spill-free filling and the patented DripLok® vapour venting valve that prevents solvent drips
- Fitted with colour-coded one-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Closure colour	Pack qty.
WGW236PVENT	500	White	5
WGW237PVENT	500	Red	5
WGW238PVENT	500	Yellow	5
WGW239PVENT	500	Green	5
WGW235PVENT	500	Blue	5
WGW234PVENT	500	Orange	5
WGW443VT	1000	White	5
WGW444VT	1000	Yellow	5
WGW445VT	1000	Red	5
WGW446VT	1000	Blue	5
WGW447VT	1000	Green	5
WGW448VT	1000	Orange	5



Bottles, wash, non-venting, wide neck, LDPE, bleach



- Multi-lingual wide neck wash bottle
- Opaque white LDPE for light sensitive sodium hypochlorite / bleach
- Indelibly printed in three languages - English, French and Spanish
- Features the new Globally Harmonised Symbols, NFPA diamond, risk phrases and safety information
- Fitted with colour coded one-piece yellow PP closure
- Closure features precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Print label	Closure colour	Pack qty.
WGW401PML	500	Sodium Hypochlorite	Yellow	5





Bottles, wash, autoclavable, non-venting, wide neck, PP



- Autoclavable at 121°C
- PP bottle fitted with one-piece PP closure
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Print label	Closure colour	Pack qty.
WGW700PP	500	Autoclavable	White	5



Caution. When autoclaving bottles always ensure the caps are completely loosened or removed to prevent accidental implosion. Do not autoclave if containing solvents or hazardous/reactive solutions or substances.



Bottles, wash, multi-lingual, non-venting, wide neck, PP



- Multi-lingual wide neck wash bottles
- Indelibly printed in 4 languages (English, French, German and Spanish)
- Solvent labels including the new Globally Harmonised Symbols, NFPA diamond, risk phrases and safety information
- Fitted with colour coded one-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Print label	Closure colour	Pack qty.
WGW701PP	500	Dichloromethane	White	5
WGW703PP	500	Methyl ethyl ketone	Green	5



Caution. Do not autoclave.

Screwcaps for wide neck wash bottles, safety venting



- Caps for wide neck wash bottles with dip-tube and patented DriLok® vapour venting valve that prevents solvent drips
- Available in six colours
- One-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control

Product Code	Closure colour	Pack qty.
WBCAPVW	White	5
WBCAPVR	Red	5
WBCAPVY	Yellow	5
WBCAPVG	Green	5
WBCAPVB	Blue	5
WBCAPVOR	Orange	5



Bottles, wash, classic style, narrow neck, LDPE



- Traditional and popular square shoulder round wash bottles
- Fitted with one-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Closure colour	Pack qty.
WGF230P	250	White	5
WGF236P	500	White	5





Bottles, wash, coloured, narrow neck, LDPE



- Coloured wash bottles with matching closures
- Ideal for colour-coding purposes
- Fitted with polypropylene closures
- Choice of four colours

Product Code	Capacity (ml)	Bottle colour	Pack qty.
WGR036P	500	Green	5
WGR038P	500	Red	5
WGR136P	500	Yellow	5
WGR138P	500	Blue	5



Bottles, wash, slope shoulder, printed, LDPE



- Labelled wash bottles for easy identification of contents
- Indelibly printed with a choice of seven popular laboratory solvents, appropriate hazard symbols and CAS numbers
- Slim design enables comfortable handling and enhanced ease of use
- Fitted with colour-coded polypropylene closures
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Printed	Print / closure colour	Pack qty.
WGF530P	250	Water	White	5
WGF600P	250	Distilled water	White	5
WGF531P	250	Acetone	Red	5
WGF532P	250	Methanol	Green	5
WGF533P	250	Isopropanol	Blue	5
WGF534P	250	I.M.S.	Yellow	5
WGF535P	250	Ethanol	Orange	5
WGF536P	500	Water	White	5
WGF601P	500	Distilled water	White	5
WGF537P	500	Acetone	Red	5
WGF538P	500	Methanol	Green	5
WGF539P	500	Isopropanol	Blue	5
WGF540P	500	I.M.S.	Yellow	5
WGF541P	500	Ethanol	Orange	5

Bottles, wash, slope shoulder, narrow neck, LDPE



- Slim design enables comfortable handling and enhanced ease of use
- Fitted with a choice of white or red polypropylene swivel dispensing closures
- Choice of three sizes
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Closure colour	Pack qty.
WGF330P	250	White	5
WGF331P	250	Red	5
WGF336P	500	White	5
WGF337P	500	Red	5
WGF240P	1000	White	5
WGF241P	1000	Red	5



Bottles, wash, integral, narrow neck, LDPE



- Ergonomic wash bottles with an integrally moulded dispensing tube jet tip
- Slim hexagonal cross section makes the bottles particularly suited to smaller hands
- Precision tip is ideal for fine liquid jet dispensing

Product Code	Capacity (ml)	Bottle colour	Pack qty.
BGF130P	250	Natural	5
BGF136P	500	Natural	5



Bottle carriers, Boxes



Bottle carriers, cluster design, polypropylene



- A simple and safe carrying system for use in the laboratory
- Strong lightweight construction
- Will accept most 500ml bottles
- Internal cavity diameter 90mm and cavity height 135mm

Product Code	Description	l x w x h (mm)	Pack qty.
BGS024	6 compartment bottle carrier	315 x 215 x 280	1



Bottle carriers, coated steel



- Manufactured from polyamide coated steel
- Offers better heat and chemical resistance than other coatings
- Ideal for safely carrying up to six bottles or wash bottles

Product Code	Max. bottle diam. (mm)	Pack qty.
BGS040	60	1
BGS042	74	1



Boxes, airtight, HDPE



- Made from tough HDPE
- Suitable for food contact applications in accordance with EU regulations
- Lightweight and unbreakable in normal use
- Tight fitting snap on lids create an airtight seal
- Suitable for general and refrigerated storage down to -50°C

Product Code	Capacity (ml)	External dim. (l x w x h) (mm)	Pack qty.
BWY030	500	100 x 100 x 65	1
BWY032	1000	100 x 100 x 125	1
BWY034	1000	210 x 100 x 65	1
BWY036	1500	210 x 100 x 90	1
BWY038	2000	210 x 210 x 65	1
BWY039	3500	210 x 210 x 90	1

Buckets, spouted, HDPE



- Durable spouted buckets for easy pouring
- Handle grip for easy lifting and carrying
- Choice of white or black
- White buckets BWX112 and BWX114 are suitable for food contact applications in accordance with EU regulations
- Moulded graduations

Product Code	Capacity (litres)	Sub div. (litres)	Diam. x height (mm)	Colour	Pack qty.
BWX104	10.5	0.5	286 x 283	Black	1
BWX106	17	0.5	330 x 315	Black	1
BWX112	10.5	0.5	286 x 283	White	1
BWX114	17	0.5	330 x 315	White	1



Buckets, square, HDPE



- Durable square shape allows economical use of space
- Handle grip for easy lifting and carrying
- Choice of white or black
- Suitable for food contact applications in accordance with EU regulations
- Moulded graduations (14 litre x 0.5 divisions)

Product Code	Capacity (litres)	Sub div. (litres)	External dim. (l x w x h) (mm)	Colour	Pack qty.
BWX116	14	0.5	292 x 292 x 292	White	1

Buckets, square, lids, HDPE

- Lids with moulded inset handle for buckets above
- White bucket lid BWX118 is suitable for food contact applications in accordance with EU regulations

Product Code	Description	External dim. (l x w x h) (mm)	Colour	Pack qty.
BWX110	Lid for bucket	280 x 280 x 45	Black	1
BWX118	Lid for bucket	280 x 280 x 45	White	1





Burettes, acrylic, with PMP/PE stopcocks, class B



- Acrylic construction for strength and transparency
- Graduations are screen printed in black to ISO 385 Class B accuracy
- Suitable for use in educational laboratories especially where breakages often occur
- Unaffected by most dilute aqueous solutions, however unsuitable for use with organic solvents
- Turning the stopcock through 90° makes it suitable for left or right handed use
- Stopcocks can be removed for easy cleaning

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Pack qty.
BDH112T	25	0.1	0.1	1
BDH118T	50	0.1	0.1	1

Burettes, acrylic, spares

Product Code	Description	Pack qty.
SWQ030TAR	Spare stopcock for BDH118T	1
SWQ028T	Spare stopcock for BDH112T	1



See chemical resistance chart in the technical section for more details.

Clamps, burette, polypropylene & rubber



- Spring loaded polypropylene clamps that are corrosion resistant
- Allow clear view of graduations along the full length of the burette
- Rubber grips prevent slipping
- An interchangeable compression cone on the central boss provides a firm grip on rods 11 - 14mm in diameter

Product Code	Model	Pack qty.
CWH002	Single clamp	1
CWH004	Double clamp	1



Concentrate, Lipsol Detergent

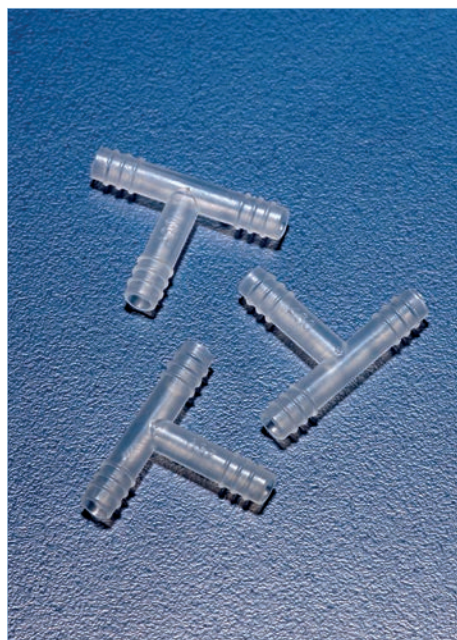
- Excellent cleaning performance, ideal for use with laboratory glassware, plasticware, rubber, ceramics and stainless steel
- Non-corrosive, non-irritant and totally biodegradable surface-active cleaning agent
- Free of chlorine bleaches, phosphates and enzymes

Product Code	Description	Pack qty.
40023	Lipsol® concentrate 2 x 5 Litre Jerry Cans	1



Not suitable for use on non-ferrous metals, especially aluminium, zinc or on polycarbonates.





Connectors, 'T' pattern, polypropylene



- "T" pattern tubing connectors in polypropylene
- Tapered arms are rigid with steps to give firm grip
- Autoclavable at 121°C with good chemical resistance

Product Code	O.D. (mm)	I.D. (mm)	Pack qty.
CWH204	4 - 7	2	10
CWH206	6 - 7	4	10
CWH208	8 - 9	7	10
CWH210	10 - 12	9	10



Connectors, 'Y' pattern, polypropylene



- "Y" pattern tubing connectors in polypropylene
- Tapered arms are rigid with steps to give firm grip
- Autoclavable at 121°C with good chemical resistance

Product Code	O.D. (mm)	Pack qty.
CWH304	4 - 7	10
CWH306	6 - 7	10
CWH308	8 - 9	10
CWH310	10 - 12	10

Connectors, straight pattern, polypropylene



- Straight pattern tubing connectors in white polypropylene
- For connecting tubing of similar or different sizes
- Tapered arms are rigid with steps to give firm grip
- Autoclavable at 121°C with good chemical resistance

Product Code	O.D. (mm)	Pack qty.
CWH600	4 - 7 and 4 - 7	10
CWH602	4 - 7 and 7 - 12	10
CWH604	7 - 12 and 7 - 12	10
CWH606	4 - 7 and 10 - 15	10
CWH608	7 - 12 and 10 - 15	10
CWH610	10 - 15 and 10 - 15	10



Connectors, non-return valves, polypropylene



- Designed for use in vacuum lines and fluid handling systems
- Useful for preventing back pressure in filter flasks
- Printed arrow indicates the direction of flow
- Rigid with stepped tapered arms to give firm grip on tubing

Product Code	O.D. (mm)	Pack qty.
NWH902P	6 - 8	5
NWH905P	8 - 10	5
NWH906P	11 - 15	5





Containers, gallipots, polypropylene



- Low form dishes made from medical grade polypropylene
- Suitable for sampling, short term storage, micro-analysis and many other applications
- Moulded graduations to capacity
- 60ml pots are available sterile in individually wrapped vac packs
- Non-sterile versions are autoclavable to 121°C

Product Code	Capacity (ml)	Description	Packaging	Pack qty.
GWY520	60	Non-sterile	Bulk	1000
GWY524	60	Sterile	Individually wrapped	400
GWY526	120	Non-sterile	Bulk	1000
GWY528	250	Non-sterile	Bulk	750



Containers, gallipot, tray, 3 compartment, polypropylene



- 3 compartment tray with 2 integral gallipots
- Made from medical grade polypropylene
- Suitable for sampling, short term storage, micro-analysis or any other applications
- Non-sterile - can be autoclavable at 121°C

Product Code	Dimensions (h x l x w) (mm)	Pack qty.
GWY530	28 x 196 x 130	200

Containers, screw cap, polypropylene



- Wide neck containers with liner-less screw caps
- Good chemical resistance
- Ideal for storage of samples, powders, etc.

Product Code	Capacity (ml)	O.D. x height (mm)	Pack qty.
JWP0030P	30	43 x 43	72
JWP0060P	60	53 x 47	48
JWP0125P	125	70 x 60	36
JWP0250P	250	89 x 66	36
JWP0500P	500	89 x 97	24
JWP0950P	950	120 x 100	24
JWP1200P	1200	120 x 132	24



Containers, round jar, screw cap, HDPE



- Round bottles with plug seal and screw cap
- Wide neck for easy filling and dispensing
- Ideal for use with powders and solids
- 1000ml, 1500ml and 2000ml jars are suitable for food contact applications in accordance with U.S. FDA regulations
- Bulk packs and lab packs are supplied with plugs and caps applied to the bottles

Product Code	Capacity (ml)	O.D. x height (mm)	Neck I.D. (mm)	Pack qty.
BGE702P	65	50 x 51	35	10
BGE704P	70	50 x 60	35	10
BGE706P	120	56 x 71	35	10
BGE708P	250	69 x 94	48	10
BGE710P	500	86 x 109	70	10
BGE712P	1000	112 x 129	86	5
BGE714P	1500	112 x 184	86	5
BGE716P	2000	112 x 235	86	5
BGE702	65	50 x 51	35	500
BGE704	70	50 x 60	35	400
BGE706	120	56 x 71	35	500
BGE708	250	69 x 94	48	300
BGE710	500	86 x 109	70	150
BGE712	1000	112 x 129	86	80
BGE714	1500	112 x 184	86	60
BGE716	2000	112 x 235	86	40





Containers, snap-on lid, polypropylene



- Lightweight tapered containers with tight fitting lids
- Good chemical resistance
- Ideal for storage of samples, powders, etc.
- JWH0125P and JWH5000P are manufactured from HDPE
- Suitable for food contact applications in accordance with U.S. FDA regulations

Product Code	Capacity (ml)	O.D. x height (mm)	Pack qty.
JWH0125P	125	80 x 40	250
JWH0250P	250	70 x 70	250
JWH0500P	500	70 x 90	100
JWH1000P	1000	90 x 120	100
JWH2000P	2000	140 x 150	50
JWH2500P	2500	170 x 150	25
JWH5000P	5000	200 x 210	25



Containers, specimen, LDPE



- Containers with captive hinged cap suitable for many applications
- Lightweight and unbreakable in normal use
- Can withstand temperatures up to 80°C

Product Code	Capacity (ml)	O.D. x height (mm)	Pack qty.
BGG302	1	8 x 38	20
BGG304	2.5	12 x 40	20
BGG306	5	15 x 49	20
BGG308	10	28 x 32	10
BGG311	20	32 x 36	10
BGG312	25	25 x 78	10

Containers, specimen, polystyrene



- Clear polystyrene containers with maximum sample visibility
- Polyethylene airtight snap-on lids for quick easy use

Product Code	Capacity (ml)	Description	Height (mm)	Diam. (mm)	Pack qty.
BGG440P	10	Polystyrene Jar with PE lid	28	26	10
BGG442P	20	Polystyrene Jar with PE lid	33	32	10
BGG444P	30	Polystyrene Jar with PE lid	33	36	10
BGG446P	50	Polystyrene Jar with PE lid	53	36	10
BGG450P	100	Polystyrene Jar with PE lid	60	51	10
BGG452P	150	Polystyrene Jar with PE lid	53	65	10
BGG454P	200	Polystyrene Jar with PE lid	68	65	10
BGG456P	250	Polystyrene Jar with PE lid	85	65	5
BGG458P	500	Polystyrene Jar with PE lid	100	100	5



Cutting board, polypropylene



- Autoclavable at 121°C
- Good chemical resistance
- Unbreakable in normal use
- Non-absorbent and easy to clean

Product Code	Overall dim. l x b x h mm	Pack qty.
BWY300	300 x 210 x 9	1



Cylinders



Cylinders, squat form, class B, polypropylene



- Squat design for increased stability on the bench and ease of handling particularly in restricted spaces
- Unique self-draining base eliminating water collection during washing in an automatic laboratory washing machine, thereby removing all spill and contamination issues
- Moulded, blue over-printed graduations
- Manufactured from high clarity polypropylene
- Good chemical and temperature resistance
- Anti-suction design prevents base from sticking to a wet surface

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Height (mm)	Pack qty.
CPS0100P	100	2.0	2.0	163	5
CPS0250P	250	5.0	5.0	192	1
CPS0500P	500	10.0	10.0	218	1
CPS1000P	1000	20.0	20.0	285	1



Exposure to temperatures up to 80°C will not cause permanent exceeding of tolerance limits. Cleaning temperatures below 60°C are recommended to preserve marks and inscriptions.



Cylinders, moulded graduations, class B, polypropylene



- Conform to ISO 6706
- Ultra clear polypropylene with good chemical resistance
- Large pouring spout for easy dispensing
- Stable hexagonal base with anti-suction design that prevents base from sticking to a wet surface
- Permanent moulded graduations

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Height (mm)	Pack qty.
CP0010P	10	0.2	0.2	145	10
CP0025P	25	0.5	0.5	170	10
CP0050P	50	1.0	1.0	200	10
CP0100P	100	1.0	1.0	250	5
CP0250P	250	2.0	2.0	315	1
CP0500P	500	5.0	5.0	360	1
CP1000P	1000	10.0	10.0	440	1
CP2000P	2000	20.0	20.0	535	1



Exposure to temperatures above 80°C may affect accuracy.

Product Code	Description	Pack qty.
NB1203	Set of 6 cylinders comprising (1x 10, 25, 50, 100, 250 & 500ml)	1

Cylinders, printed graduations, class B, polypropylene



- Conform to ISO 6706
- Clear pin sharp blue graduations
- Ultra clear polypropylene with good chemical resistance
- Stable hexagonal base with anti-suction design that prevents base from sticking to a wet surface

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Height (mm)	Pack qty.
CPB0010P	10	0.2	0.2	145	10
CPB0025P	25	0.5	0.5	170	10
CPB0050P	50	1.0	1.0	200	10
CPB0100P	100	1.0	1.0	250	5
CPB0250P	250	2.0	2.0	315	1
CPB0500P	500	5.0	5.0	360	1
CPB1000P	1000	10.0	10.0	440	1
CPB2000P	2000	20.0	20.0	535	1



Exposure to temperatures above 80°C may affect accuracy.
Cleaning temperatures below 60°C are recommended to preserve marks and inscriptions.



Cylinders, printed graduations, class A, PMP (TPX)



- Calibrated to ISO 6706 and DIN 12681, class A tolerances
- Steam sterilisation at 121°C does not affect accuracy
- Supplied with conformity certificate
- Enhanced pin sharp blue printed graduations
- Stable hexagonal base with anti-suction design that prevents base from sticking to a wet surface

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Height (mm)	Pack qty.
CTA0010P	10	0.2	0.1	145	2
CTA0025P	25	0.5	0.2	170	2
CTA0050P	50	1.0	0.5	200	2
CTA0100P	100	1.0	0.5	250	2
CTA0250P	250	2.0	1.0	315	1
CTA0500P	500	5.0	2.5	360	1
CTA1000P	1000	10.0	5.0	440	1
CTA2000P	2000	20.0	10.0	535	1



Azlon

Made to measure

Even for something as basic as a plastic measuring cylinder, we like to keep one step ahead of the competition by paying attention to the small details.

The Azlon squat form cylinder has unique drainage hole designed to eliminate an old lab dishwasher problem - retention of dirty water in the concave base, causing irritating spillages and unseen contamination.

At about half the height of similar capacity tall form cylinders, our measuring cylinder is also considerably more stable, easier to handle in confined spaces and easy to store.

It also has prominent moulded graduations, crisply over-printed in blue to give you double protection against faded measurement markings.

Made from tough, virtually unbreakable, high quality polypropylene, it is available in all popular sizes from 100ml to 1 litre.

Just one of our many clever ideas in high performance, easily affordable plastic labware.

To find out more, call today or visit our website.



Cylinders, printed graduations, class B, PMP (TPX)



- Calibrated to ISO 6706 and DIN 12681, class B tolerances
- Steam sterilisation at 121°C does not affect accuracy
- Enhanced pin sharp blue printed graduations
- Stable hexagonal base with anti-suction design that prevents base from sticking to a wet surface

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Height (mm)	Pack qty.
CTB0010P	10	0.2	0.2	145	10
CTB0025P	25	0.5	0.5	170	5
CTB0050P	50	1.0	1.0	200	5
CTB0100P	100	1.0	1.0	250	5
CTB0250P	250	2.0	2.0	315	1
CTB0500P	500	5.0	5.0	360	1
CTB1000P	1000	10.0	10.0	440	1
CTB2000P	2000	20.0	20.0	535	1



Cylinders, moulded graduations, class B, PMP (TPX)



- Conform to ISO 6706
- Transparent robust PMP
- Good chemical resistance
- Large pouring spout for easy dispensing
- Autoclavable to 121°C

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Height (mm)	Pack qty.
CT0010P	10	0.2	0.2	145	10
CT0025P	25	0.5	0.5	170	5
CT0050P	50	1.0	1.0	200	5
CT0100P	100	1.0	1.0	250	5
CT0250P	250	2.0	2.0	315	1
CT0500P	500	5.0	5.0	360	1
CT1000P	1000	10.0	10.0	440	1
CT2000P	2000	20.0	20.0	535	1





Desiccators, vacuum, polycarbonate



- Transparent polycarbonate cover and base
- Durable with high impact resistance
- Will safely withstand high vacuum pressures
- Ceramic plate permits the use of incandescent crucibles

Product Code	Description	I.D. (mm)	Plate size (mm)	Overall height (mm)	Effective inside height (mm)	Pack qty.
DWA215	With Stopcock	215	205	262	178	1
DWA245	With Stopcock	245	236	296	195	1

Desiccators, vacuum, polycarbonate, spares

Product Code	Description	Pack qty.
DWA205	Spare plate for DWA 215	1
DWA236	Spare plate for DWA245/246	1
DWA510	Spare stopcock for DWA215/245	1



Desiccator, cabinet, polystyrene



- Provides moisture-proof storage
- Clear high impact polystyrene cabinet
- Space saving stacking feature
- Airtight door made from acrylonitrile-styrene with foam rubber gasket
- Supplied with sealed jar of silica gel

Product Code	Int. l x w x h (mm)	Ext. l x w x h (mm)	Door opening (mm)	Pack qty.
DWA301	190 x 175 x 110	225 x 208 x 170	188 x 110	1



Not suitable for vacuum use or filling with gases.

Flasks, conical, polypropylene



- Polypropylene Erlenmeyer flask with excellent chemical resistance
- Wide neck with PP screw cap or can be used with a stopper
- Flask and cap can be autoclaved at 121°C
- Suitable for food contact applications in accordance with EU regulations

Product Code	Capacity (ml)	Grads. (ml)	Thread size (mm)	Neck size	Pack qty.
FDE542	50	10	GL40	34/35	1
FDE544	100	20	GL40	34/35	1
FDE546	250	50	GL52	45/40	1
FDE548	500	100	GL52	45/40	1
FDE550	1000	200	GL52	45/40	1



When autoclaving flasks, always ensure the caps are completely loosened or removed to prevent accidental implosion.



Flasks, conical, PMP

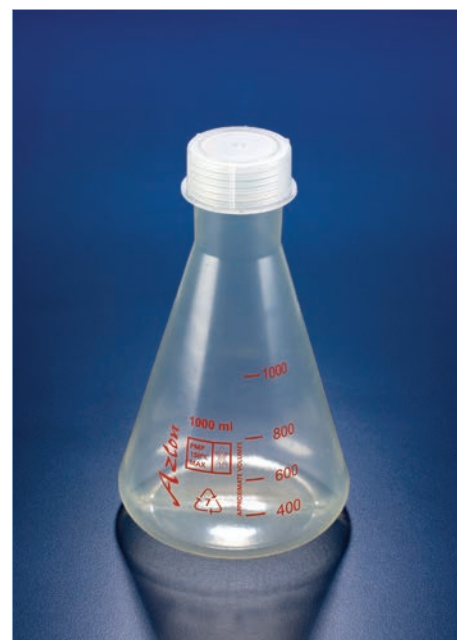


- Manufactured from transparent PMP
- Wide neck with PP screw cap or can be used with a stopper
- Flask and cap can be autoclaved at 121°C

Product Code	Capacity (ml)	Grads. (ml)	Thread size (mm)	Neck size	Pack qty.
FDE442	50	10	GL40	34/35	1
FDE444	100	50	GL40	34/35	1
FDE446	250	50	GL52	45/40	1
FDE448	500	100	GL52	45/40	1
FDE450	1000	200	GL52	45/40	1



When autoclaving flasks, always ensure the caps are completely loosened or removed to prevent accidental implosion.





Flasks, volumetric, class A, PMP (TPX)



- Manufactured from glass-clear PMP offering excellent clarity
- Individually adjusted ring-mark to class A tolerances according to ISO 1042
- Batch performance certificate available to download online
- Supplied with polypropylene stopper

Product Code	Capacity (ml)	Tol. (+/- ml)	Height with stopper (mm)	Socket size	Pack qty.
FDF112A	25	0.04	115	10/19	1
FDF118A	50	0.06	150	12/21	1
FDF124A	100	0.10	180	14/23	1
FDF130A	250	0.15	235	19/26	1
FDF136A	500	0.25	270	19/26	1
FDF138A	1000	0.40	310	24/29	1



Downloadable batch certificates are available online.



Cleaning up to max. 60°C is recommended to preserve marks and inscriptions.



Flasks, volumetric, class B, PMP (TPX)



- Manufactured from transparent PMP offering excellent clarity
- Clear easy to read calibration line
- Calibrated to ISO 1042, class B tolerances
- Supplied with polypropylene stopper

Product Code	Capacity (ml)	Tol. (+/- ml)	Height with stopper (mm)	Socket size	Pack qty.
FDF112N	25	0.08	115	10/19	1
FDF118N	50	0.12	150	12/21	1
FDF124N	100	0.20	180	14/23	1
FDF130N	250	0.30	235	19/26	1
FDF136N	500	0.50	270	19/26	1
FDF138N	1000	0.80	310	24/29	1



Exposure to temperatures up to 121°C (autoclaving) will not cause permanent exceeding of tolerance limits.



Cleaning up to max. 60°C is recommended to preserve marks and inscriptions.

Flasks, volumetric, class B, polypropylene

- Manufactured from translucent polypropylene giving good durability
- Clear easy to read calibration line
- Calibrated to ISO 1042, class B tolerances
- Supplied with polypropylene stopper

Product Code	Capacity (ml)	Tol. (+/- ml)	Height with stopper (mm)	Socket size	Pack qty.
FDF012N	25	0.08	115	10/19	1
FDF018N	50	0.12	150	12/21	1
FDF024N	100	0.20	180	14/23	1
FDF030N	250	0.30	235	19/26	1
FDF036N	500	0.50	270	19/26	1
FDF038N	1000	0.80	310	24/29	1



Exposure to temperatures above 60°C may affect accuracy and remove marks and inscriptions.

LIPSOL® LABWARE DETERGENT

- Excellent cleaning performance
- Ideal for use with laboratory glassware & plasticware
- Great value for money
- Totally biodegradable

For full details see page 47.



Flow indicator, Funnels



Not suitable for use with strong acids / alkalis or solvents.

Flow indicator, PMP (TPX)



- Simple but highly effective device to show flow of liquid or gas
- Transparent robust moulding with a coloured paddle wheel
- Operates at low flow rates. (The impeller starts to turn at 150ml/min)
- Stepped side arms are tapered to accept tubing from 6 - 11mm I.D.

Product Code	Overall length (mm)	Capacity (ml)	Pack qty.
FWY053	90	10	1



Maximum 2 bar operating pressure. Maximum 60°C operating temperature.



Funnels, lightweight, polypropylene



- Lightweight polypropylene funnels with ribs that prevent air locks, allowing rapid filtration
- Autoclavable to 121°C

Product Code	Top I.D. (mm)	Stem O.D. at tip (mm)	Overall height (mm)	Pack qty.
FWC052	30	2	47	10
FWC054	30	5	47	10
FWC056	40	5	62	10
FWC058	50	9	78	10
FWC060	75	10	107	10
FWC062	100	13	149	10
FWC064	120	14	170	5
FWC066	150	17	210	5



For information on food safety please refer to the technical section

Funnels, industrial, HDPE



- Rigid industrial funnels in polyethylene
- Unbreakable in normal use
- Suitable for food contact applications in accordance with EU and U.S. FDA regulations
- Feature straight sided upper rims to prevent spillage

Product Code	Top I.D. (mm)	Stem O.D. (mm)	Overall height (mm)	Pack qty.
FWC102	80	9	80	10
FWC104	100	11	102	10
FWC106	120	12	121	10
FWC108	140	13	141	5
FWC110	180	17	181	5
FWC112	230	21	226	5
FWC114	245	24	239	1
FWC116	290	27	277	1
FWC118	380	36	351	1

Funnels, powder, polypropylene



- Lightweight polypropylene powder funnel
- Unbreakable in normal use
- Parallel stem minimises 'bridging' of powder to improve flow
- The two largest sizes have vertical sided tops

Product Code	Top I.D. (mm)	Stem O.D. (mm)	Overall height (mm)	Pack qty.
FWC202	65	18	69	5
FWC204	80	22	74	5
FWC206	100	26	90	5
FWC208	120	30	106	5
FWC210	150	31	135	5
FWC212	290	35	208	1
FWC214	420	48	270	1



Funnels, thistle, polypropylene



- Polypropylene thistle shaped funnel with detachable long stem
- Stem dimensions: 6mm O.D. x 4mm I.D. x 250mm long
- Stem can be cut to size

Product Code	Approx funnel diam. (mm)	Pack qty.
FWC220	34	10



Hand/finger protector, Ice buckets



Hand/finger protectors, silicone rubber



- Ideal for safe handling of hot beakers, flasks etc.
- Capable of withstanding temperatures up to 250°C
- Also excellent for handling cold objects down to -57°C
- Contact surfaces are multi-studded for positive grip

Product Code	Description	Pack qty.
PGR402	Medium	1
PGR404	Small	1
PGR406	Finger	1



Ice bucket with lid, polyurethane



- Black, green and blue skinned polyurethane foam ice buckets
- Suitable for use with water-ice, dry-ice and salt solutions
- Ideal for separating work areas by colour
- Supplied with lids
- Integral handles allow easy lifting and carrying
- Octagonal shape for easy stacking and stability
- Capacity 4.5 litres
- Dimensions 185 x 330mm (h x w) and weight 1200g

Product Code	Colour	Pack qty.
IBB001P	Black	1
IBB002P	Pale Blue	1
IBB003P	Green	1

 Not suitable for use with solvents or liquid nitrogen.



Mini ice bucket



- Skinned polyurethane foam mini ice buckets
- Suitable for use with water-ice, dry-ice and salt solutions
- Integral handles allow easy lifting and carrying
- Tapered for easy stacking and stability
- Capacity 1000ml
- Dimensions 95mm x 200mm (h x w) and weight 140g

Product Code	Colour	Pack qty.
IBB004P	Green	1

 Not suitable for use with solvents or liquid nitrogen.

Imhoff sedimentation cone, Jerrycans

Imhoff sedimentation cone, SAN



- Colourless cone made from transparent styrene-acrylonitrile S.A.N polymer with moulded graduations
- Complies to DIN 12672
- Graduations from 2 to 1000ml (in mixed graduations)
- The bottom end has a stopper to facilitate removal of sample and cleaning

Product Code	Capacity (ml)	Pack qty.
SWX008	1000	1



Sedimentation rack, PMMA



- Accepts 2 sedimentation cones side-by-side
- Locating recesses in the base for stability

Product Code	Description	Pack qty.
SWX004	Double stand	1

Jerrycans, rigid HDPE



- Lightweight and robust
- Corrosion resistant
- Ideal for storage and transportation of liquid chemicals
- Suitable for food contact applications in accordance with EU and U.S. FDA regulations

Product Code	Capacity (litres)	Pack qty.
JGH140	1	1
JGH148	5	1
JGH150	10	1
JGH154	25	1



Jugs

Jugs, printed graduations, polypropylene *A E Azlon*

- Tapered jugs in high clarity polypropylene
- Suitable for food contact applications in accordance with EU and U.S. FDA regulations
- Crisp blue printed graduations
- Autoclavable at 121°C
- Ergonomically designed handle

Product Code	Capacity (ml)	Rim diam. (mm)	Height (mm)	Pack qty.
JPB0050P	50	45.0	68	5
JPB0100P	100	61.0	72	5
JPB0250P	250	70.0	120	1
JPB0500P	500	90.0	140	1
JPB1000P	1000	104.0	180	1
JPB2000P	2000	150.0	214	1
JPB3000P	3000	152.0	240	1
JPB5000P	5000	200.0	270	1



Jugs, moulded graduations, polypropylene *A E Azlon*

- Tapered jugs in high clarity polypropylene
- Suitable for food contact applications in accordance with EU and U.S. FDA regulations
- Permanent moulded graduations
- Autoclavable at 121°C
- Ergonomically designed handle

Product Code	Capacity (ml)	Sub div. (ml)	Rim diam. (mm)	Height (mm)	Pack qty.
JPM0050P	50	2	45.0	68	5
JPM0100P	100	2	61.0	72	5
JPM0250P	250	5	70.0	120	1
JPM0500P	500	10	90.0	140	1
JPM1000P	1000	10	104.0	180	1
JPM2000P	2000	50	150.0	214	1
JPM3000P	3000	50	152.0	240	1
JPM5000P	5000	100	200.0	270	1



Medicine measures, polypropylene



- Translucent and robust graduated medicine measures
- Made from medical grade polypropylene
- Nest to save space
- Ideal for use when taking pH measurements

Product Code	Capacity (ml)	Grads. (ml)	O.D. (mm)	Height (mm)	Pack qty.
MWY514	30	1.0	37	42	1000
MWY518	50	5.0	50	53	1000



Mercury collector, polyethylene

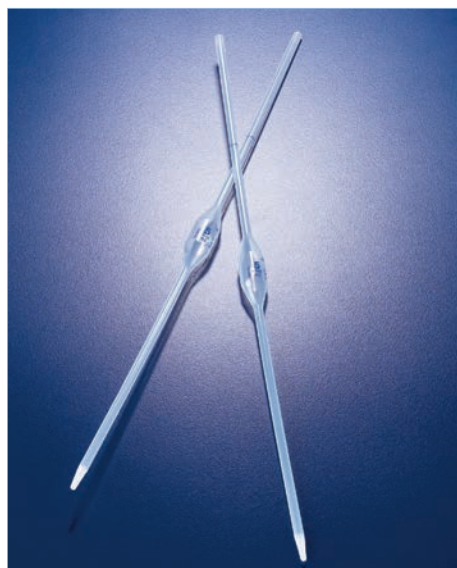


- Spilled mercury is collected by pressing the foam pad in the screw top closure against the mercury
- The mercury is drawn into and encapsulated in the pad by releasing the pressure
- The mercury is released by screwing the closure on to the jar

Product Code	Description	Pack qty.
MWY850	Mercury collector	1
MWY851	Replacement pad	1



Pipettes



Exposure to temperatures above 60°C may affect accuracy. Recommend cleaning with mild alkaline detergents.

Pipettes, one mark, class B, polypropylene



- Calibrated to meet class B tolerances
- Permanently marked with ring and inscriptions
- Marked with blue inscriptions

Product Code	Capacity (ml)	Tol. (+/- ml)	Pack qty.
PDH601	1	0.02	12
PDH602	2	0.02	12
PDH605	5	0.03	12
PDH610	10	0.04	1
PDH625	25	0.05	1
PDH650	50	0.10	1



Exposure to temperatures above 60°C may affect accuracy. Recommend cleaning with mild alkaline detergents.

Pipettes, graduated, class B, polypropylene



- Calibrated to class B tolerances
- Conforms to ISO 835
- Easy to read graduation lines
- Specially manufactured tip to ensure excellent quality

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Pack qty.
PDH501	1	0.10	0.02	12
PDH502	2	0.10	0.02	12
PDH505	5	0.10	0.05	12
PDH510	10	0.10	0.10	12



Pipettes, dropping, polyethylene



- Corrosion resistant and unbreakable in normal use
- Both sizes are one-piece bellows dispensers
- Plain stem of 7.5 mm diameter

Product Code	Capacity (ml)	Stem length (mm)	Total length (mm)	Pack qty.
PDH402	1.5	98	133	100
PDH408	5	159	194	100

Pipette filler, Bibbette®

Azlon

- A novel PTFE and silicone rubber valve assembly controls the vacuum created by simply squeezing the unique rubber bulb
- By moving the thumb lever pipettes from 0.1ml up to 100ml can be easily and accurately filled and emptied
- Blow out pipettes are catered for by the depression of a small thumb operated squeeze ball
- A replaceable PTFE membrane filter ensures liquid is not accidentally drawn into the unit (2 supplied)
- The filter and pipette holding cone can be sterilised by autoclaving

Product Code	Description	Pack qty.
PFL001B	Bibbette pipette controller, Blue	1
PFL001N	Bibbette pipette controller, Plain	1



Bibbette® accessories

Product Code	Description	Pack qty.
PFL002	Spare membrane filters pack of 10	10
PFL003	Spare suction bulb	1
PFL004	Spare valve system for Bibbette pipette controller	1
PFL006	Spare silicone adapter	1

Pipette fillers, natural rubber

Azlon

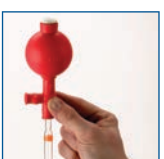
- Suitable for pipettes up to 100ml
- Pipette filler works via a series of glass ball valves for air release, suction and delivery
- PWY145 is suitable for single handed operation
- PWY146 has an extended insert nozzle for improved grip

Product Code	Pack qty.
PWY144	1
PWY145	1
PWY146	1



Operating instructions for PWY145





1. Evacuate via the automatic valve

2. Intake by pressure on operating point

3. Drain by pressure on operating point

4. Blow out the pipette valve actuation necessary

5. Remove the valve for easy inside cleaning

6. Replace the valve using a twisting motion



Pipette rack, HDPE



- White moulded polyethylene rack
- Will support 12 pipettes over 200 mm long
- Very stable
- Supplied as a kit of two end pieces and three connecting rods for easy push fit assembly

Product Code	Pack qty.
SWP038	1



Pipette rinser, HDPE



- Automatic rinsing system ensuring rapid washing with high-quality results
- Suitable for use with pipette basket RDR306 and pre-cleaning jar RDR304
- Automatically rinses contents when connected to a tap and drain
- Rinses pipettes, burettes and other labware up to 600mm in length

Product Code	Diam. (mm)	Height (mm)	Usable length (mm)	Pack qty.
RDR302	165	740	600	1



Not supplied with tubing



Pipette rinser, pre-cleaning jar, HDPE



- For pre-cleaning pipettes in cleaning solution prior to rinsing in pipette rinser RDR302

Product Code	Diam. (mm)	Height (mm)	Pack qty.
RDR304	165	650	1

Pipette rinser, basket, HDPE



- For dipping pipettes into the pre-cleaning jar RDR304 or pipette rinser RDR302
- Suitable for transferring pipettes safely

Product Code	Diam. (mm)	Overall height (mm)	Carrier height (mm)	Pack qty.
RDR306	130	650	300	1



Pipette stand, polypropylene



- Blue chemically resistant polypropylene stand
- Holds up to 94 pipettes vertically
- Very stable with 230mm diameter base
- Height of 470mm
- Has a rotatable rack suspended by a support rod

Product Code	Description	Pack qty.
SWP033	Pipette Stand	1



Pipettes

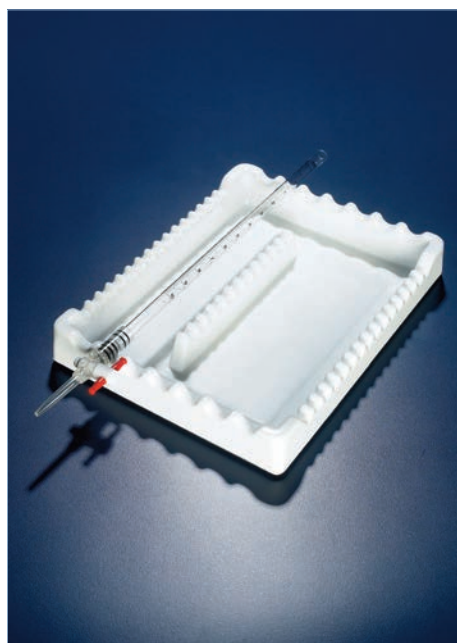


Pipette sterilising boxes, polypropylene



- Unique cylindrical box for pipette sterilisation
- Autoclavable at 121°C
- The patented telescopic thread closure enables the box length to be altered from 280 to 500mm

Product Code	O.D. (mm)	Length (mm)	Pack qty.
PWP050	65	280-500	1



Pipette support, polystyrene



- Moulded in white polystyrene
- Simple and efficient pipette rest
- An off-centre support means it is also suitable for short pipettes, burettes, syringes etc.

Product Code	l x w x h (mm)	Pack qty.
SWP036	280 x 215 x 38	1

Azlon

Azlon Plastics for Food Contact Applications



Many Azlon reusable plastic products are approved for food contact applications in accordance with one, or both of the following:

European Regulations (EU): European regulations (EU) No. 10/2011 up to EU No. 2015/174 relating to plastic materials and articles intended to come into contact with foodstuffs.

United States (FDA) Regulations (USA): Code of Federal Regulation (CFR), Title 21, Food and Drug Administration (FDA, Part 177.1520 "Olefin Polymers", ((a) 2)(i) and (C)2.1 and 2.2.

In addition to being suitable for food contact, our ranges provide users with the benefit of ergonomic design, durability and ease of use. This makes them ideal for a wide range of food sampling and handling applications. For example, our leakproof, wide-neck bottles are suitable for use with liquids, granules and powders and are designed for ease of filling and emptying, as well as cleaning. They are available in polypropylene and HDPE which is suited to cold temperature use. Batch certificates are available online.

All of our food contact products are available in convenient lab-packs and many are available in bulk quantities to suit your needs.



Pump, barrel, polypropylene



- Suitable for use with acids & alkalis
- Rigid discharge tube
- PTFE gaskets
- Immersion tube diameter 32mm x 1500mm long
- Can be used in conjunction with barrel plug PWJ004
- The pump has a two part sampling tube that screws together

Product Code	Overall length (mm)	Pack qty.
PWJ003	1590	1



Barrel plug, PVC



- Tapered PVC bung for use with 40 - 70mm diameter openings
- Designed for barrel pump PWJ003 (30mm diameter tube)

Product Code	Description	Pack qty.
PWJ004	PVC barrel pump for 40 - 70mm diameter openings	1



Pumps, polypropylene & PVC



- Can be used with various sizes of bottles due to telescopic down tube
- Liquid is forced into the collecting vessel by squeezing the bulb
- The flow can be instantly interrupted by pressing the release button
- Can be used as a siphon by attaching tubing to the outlet tube and after pumping the liquid will flow continuously

Product Code	Flow rate (litres/min)	Stopper O.D. (mm)	Tube O.D. x length mm	Pack qty.
PWJ014	4	28 / 44	10 x 450	1
PWJ016	14	44 / 60	12 x 700	1
PWJ018	20	52 / 68	15 x 700	1



Can be used with unistoppers below.

Unistoppers, multipurpose, PVC



- For use with or without pumps PWJ014/PWJ016/PWJ018
- Consists of three parts, one core and two collars
- Can be used in container openings from 30 - 70mm diameter
- Has 2 apertures, one for inserting tubes and a smaller aperture which acts as an air vent to allow siphoning

Product Code	Description	Pack qty.
PWJ020	Unistopper with 12mm hole for PWJ016	1
PWJ021	Unistopper with 15mm hole for PWJ018	1



Pump, water jet, polypropylene



- Suitable for most laboratory water pressures
- Integrated non-return valve increases safety
- Detachable vacuum connection - accepts 6-9mm bore tubing
- Supplied with water inlet hose connection and R 3/4" threaded tap connectors, with R 1/2" reduction adapter
- Water inlet hose connection accepts 10-12mm bore tubing
- Very low water consumption: 190 litre/h at 3.5 bar water supply pressure
- A pressure of 16 mbar (water temperature of 12°C) is achievable with a water supply pressure from 3 to 6 bar
- High suction capacity with a flow rate of approx. 400 litres/h of air (at 1 atm and water supply pressure of 3.5 bar at 12°C)

Product Code	Description	Pack qty.
PWD003	Water-jet vacuum pump	1



Jubilee clips are recommended to fix tubing into position.



Racks, draining, coated



- High quality free standing or wall mounted draining racks
- Manufactured from polyamide epoxy coated steel
- Offers better heat and chemical resistance than other coatings
- There are eight pegs 110mm long and twenty four pegs 80mm in length. Peg diameter is 4.5mm
- Overall dimensions of the rack are 410 x 300mm

Product Code	Description	Pack qty.
RWK070FS	Rack with integral free standing support	1
RWK070	Wall mountable	1



RWK070 shown.



Wall mountable draining rack, polystyrene



- Lightweight, easy to assemble polystyrene draining racks designed to be wall mounted
- Pegs simply slot into place on the back board and are spaced to allow various sizes of labware to fit on to the rack
- Water is collected in the trough at the base of the rack and drains away via a rubber tube which can be directed into a nearby sink or container
- Supplied with wall mounting accessories
- Measures approximately 650mm high x 450mm wide
- A set of narrow pegs for test tubes, volumetric flasks etc. is also available

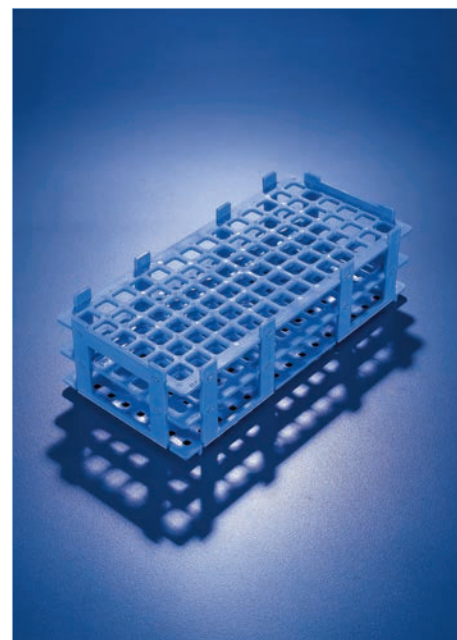
Product Code	Description	Peg l x O.D. (mm)	Pack qty.
WRP001P	Rack, including 72 pegs, trough & drainage tubing	120 x 16	1
WRP002P	Set of 11 narrow pegs	100 x 6	1

Rack, test tube, polypropylene



- Economical and sturdy test tube racks supplied in self assembly flat packs
- Autoclavable at 121°C
- Sinks in water baths
- Alpha numeric place coding

Product Code	Colour	l x w x h (mm)	Max. tube O.D. (mm)	No. places	Pack qty.
RPB013P	Blue	265 x 126 x 75	13	84	5
RPW013P	White	265 x 126 x 75	13	84	5
RPB018P	Blue	265 x 126 x 75	18	55	5
RPW018P	White	265 x 126 x 75	18	55	5
RPB021P	Blue	265 x 126 x 75	21	40	5
RPW021P	White	265 x 126 x 75	21	40	5
RPB026P	Blue	265 x 126 x 88	26	32	5
RPW026P	White	265 x 126 x 88	26	32	5
RPB031P	Blue	265 x 126 x 88	31	21	5
RPW031P	White	265 x 126 x 88	31	21	5

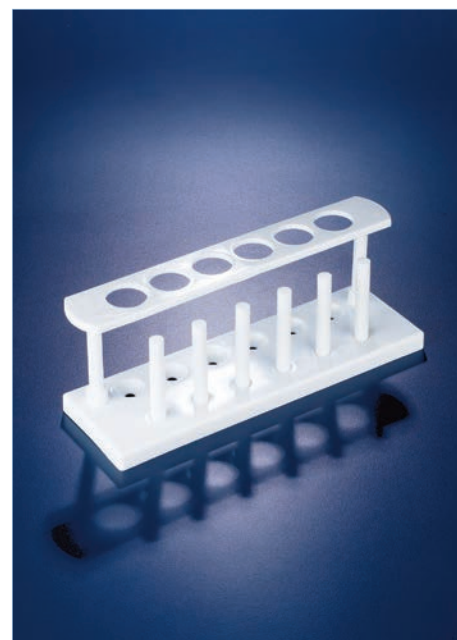


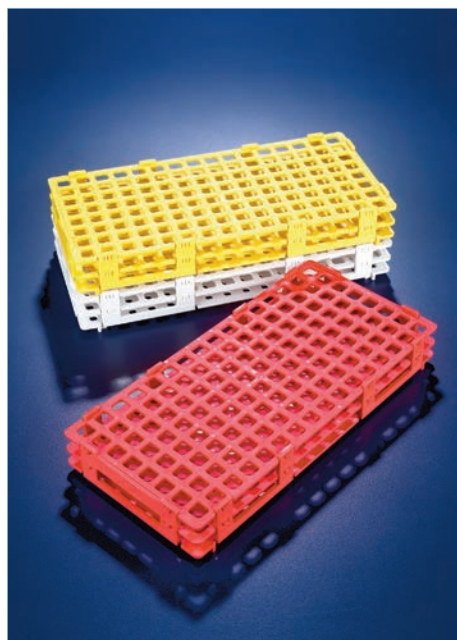
Racks, test tube, polyethylene



- Simple rack with six holes of 25mm diameter
- Shape ensures good visibility making the rack ideal for classroom work
- Also has 6 draining pegs
- Supplied flat and is very easy to assemble for use or disassemble for storage

Product Code	Material particular	Pack qty.
RWK030	Polyethylene	1



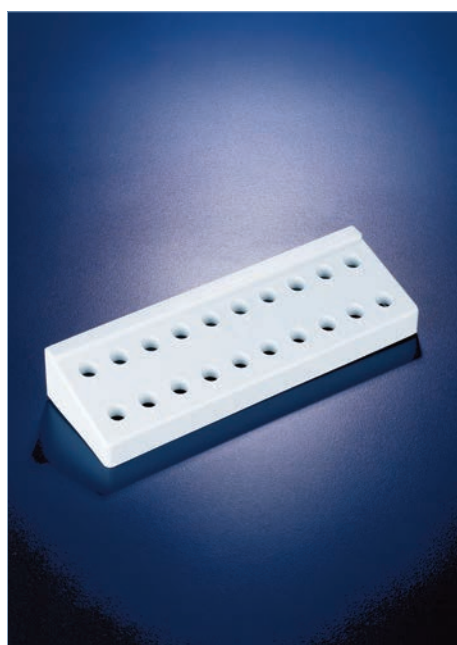


Racks, microcentrifuge tube, polypropylene



- Economical and sturdy test tube racks supplied in self assembly flat packs
- Hole size 11mm square
- Accepts 128 x 1.5ml microcentrifuge tubes
- Autoclavable at 121°C
- Sinks in water baths
- Alpha numeric place coding

Product Code	Colour	l x w x h (mm)	No. places	Pack qty.
RPB001P	Blue	265 x 126 x 38	128	5
RPR001P	Red	265 x 126 x 38	128	5
RPW001P	White	265 x 126 x 38	128	5
RPY001P	Yellow	265 x 126 x 38	128	5



Rack, microcentrifuge tube, polypropylene



- Microcentrifuge tube rack with numerical marking
- Autoclavable at 121°C
- Holds a maximum of 20 tubes

Product Code	Base dim. l x w x h (mm)	Hole diam. (mm)	Pack qty.
RWK058	210 x 70 x 35	10	1

Shields, beta radiation, acrylic



- High quality shields in 10mm thick acrylic protect against beta radiation
- Angled to allow comfortable working position when examining or handling samples

Product Code	Description	Shield angle degrees	Dimensions (h x w) (mm)	Pack qty.
SRS001	Angled shield	15°	445 x 165	1
SRS002	Dual angled shield	20°	445 x 150	1



Shield, safety, hinged type, polycarbonate



- Excellent protection in potentially hazardous situations
- Adjustable - can be used as a tight triangle or extended out to a straight line configuration
- Incredibly strong and lightweight
- Supplied with two pairs of plastic coated metal feet
- Feet may be clamped or bolted onto the bench to give greater stability

Product Code	Height (cm)	Outside panel widths (mm)	Centre panel width mm	Total width (mm)	Pack qty.
SGT002	38	180	230	590	1
SGT004	61	180	230	590	1
SGT006	61	226	300	750	1



Shield, safety, hinged type, accessories

Product Code	Description	Pack qty.
SGT012	Spare shield feet	1
SGT014	Shield clamp with hand screw for securing shield feet to the bench	1

Shield, safety, single piece, polycarbonate



- Excellent protection in potentially hazardous situations
- Incredibly strong and lightweight
- Manufactured from a single piece of 4mm thick sheet of transparent polycarbonate
- Supplied with two pairs of plastic coated metal feet
- Feet may be clamped or bolted onto the bench to give greater stability

Product Code	Height (mm)	Outside panel widths (mm)	Centre panel width mm	Pack qty.
SGT102	608	178	230	1





Scoops, measuring, polypropylene



- Suitable for food contact applications in accordance with U.S. FDA regulations
- Top is flat for levelling off powders
- Base is flat enabling scoops to stand horizontally
- The capacity is clearly moulded on each size

Product Code	Capacity (ml)	Overall length (mm)	Pack qty.
SWL002	2	60	5
SWL006	5	82	5
SWL008	10	102	5
SWL012	25	137	5
SWL018	50	160	5
SWL024	100	198	5
SWL030	250	259	5
SWL036	500	315	5
SWL140	1000	385	1



Scoops, HDPE



- Sturdy scoops in natural rigid polyethylene
- Lightweight with good chemical resistance
- Suitable for food contact applications in accordance with U.S. FDA regulations

Product Code	Max. capacity (ml)	Overall length (mm)	Pack qty.
SWL028	150	250	5
SWL033	750	350	5
SWL040	1250	405	1



Scoops, polypropylene



- Sturdy scoops in rigid white polypropylene
- Suitable for food contact applications in accordance with U.S. FDA regulations
- Round design facilitates use when withdrawing substances from bags and sacks

Product Code	Max. capacity (ml)	Overall length (mm)	Pack qty.
SWL202	100	130	5
SWL204	250	160	5
SWL206	350	190	5
SWL208	500	220	5
SWL210	1000	250	1
SWL212	2000	290	1

Slide staining kit



- Convenient kit for slide staining, storage and transportation
- Comprises three separate components to be purchased individually

Black polyacetal trough (SWM016)

- Dimensions - 100 x 85 x 55mm
- Supplied complete with a push-fit lid and small adapter to aid drainage

Black polyacetal rack (SWM018)

- Has a folding handle for transfer and immersion of slides
- Slotted and numbered for 25 slides
- Fits snugly into the trough whilst the folding handle permits closure of the trough lid during staining

Black polystyrene storage box (SWM020)

- Dimensions - 190 x 170 x 38mm
- Complete with push-fit lid
- Designed to accommodate four of the above racks
- The lid closes tightly with the rack handles down
- Has numbered index sheets for reference
- The box with four racks can be used to store or transport up to 100 slides



Product Code	Description	Pack qty.
SWM016	Trough	1
SWM018	Rack	1
SWM020	Storage box	1



Polyacetal is resistant to alcohol although it is not suitable for phenol.

Slide staining jar



- Robust polypropylene jar
- Can hold 10 slides back to back
- Design conserves space and staining solution
- Useful for staining, biochemical tests, small batches or for mailing of slides

Product Code	Base O.D. (mm)	Cap O.D. (mm)	Height (mm)	Pack qty.
SWM012	33	46	83	1



Spatulas, Spotting tile



Spatulas, polypropylene



- Moulded strong tapered spatulas with chamfered ends
- Virtually unbreakable in normal use and retain shape after flexing
- Good chemical and heat resistance
- Autoclavable at 121°C

Product Code	Length (mm)	Pack qty.
SWY060P	115	10
SWY062P	165	10
SWY064P	200	10
SWY066P	245	10



Spotting tile, polypropylene



- High quality spotting tile, unbreakable in normal use
- 12 cavities of approximately 1ml capacity
- Economical alternative to ceramics
- 4mm well depth

Product Code	Dimensions (mm)	Pack qty.
TWR000P	115 x 95	10

Stand, petri dish, coated



- Holds up to six 90mm petri dishes
- Manufactured from polyamide epoxy coated steel
- Offers better heat and chemical resistance than other coatings
- Ideal for small batch incubation

Product Code	Pack qty.
SWP062	1



Stand, retort, weighted, polyethylene



- Weighs 2.5kg ensuring stability
- Corrosion resistant
- Polyethylene coated metal rod screws into the base
- Available with the hole in the centre or at the short edge

Product Code	Base w x l x h (mm)	Rod position	Rod h x O.D. (mm)	Pack qty.
SWP012	171 x 248 x 52	Centre	12.5 x 760	1
SWP014	171 x 248 x 52	Edge	12.5 x 760	1



A range of burette clamps are featured on page 47.



Stirrer bars

Stirrer bars, magnetic, PTFE

- For the stirring of liquids on magnetic stirrers and hot plate stirrers
- Strong alloy magnets sheathed in pure white inert PTFE
- Supplied in polarity aligned packs to ensure maximum coupling strength
- Resistant to virtually all chemical attack and temperatures up to 260°C



Stirrer bars, magnetic, cylindrical, PTFE



- Plain design with rounded ends, suitable for a wide range of flat bottomed containers

Product Code	Length (mm)	O.D. (mm)	Pack qty.
SWN652	6	3	2
SWN654	8	3	2
SWN656	12	4.5	2
SWN658	15	4.5	2
SWN660	20	6	2
SWN662	25	6	2
SWN664	30	6	2
SWN666	35	6	2
SWN668	40	8	2
SWN670	45	8	2
SWN672	50	8	2
SWN674	60	9	2
SWN676	70	9.5	2
SWN678	80	9.5	2
SWN657	13	6	2
SWN6620	25	8	2



Stirrer bars, magnetic, micro, PTFE



- For use in small vessels, e.g. test tubes, vials etc.

Product Code	Length (mm)	O.D. (mm)	Pack qty.
SWN950	7	2	2
SWN952	8	1.5	2
SWN954	10	3	2
SWN956	13	3	2

Stirrer bars, magnetic, octagonal, PTFE



- With central pivot ring
- Shape gives increased turbulence at low speeds

Product Code	Length (mm)	O.D. (mm)	Pack qty.
SWN708	13	8	2
SWN710	25	8	2
SWN712	38	8	2
SWN714	51	10	2
SWN716	75	12	2
SWN700	15	8	2
SWN7140	51	8	2
SWN7010	38	10	2
SWN715	64	10	2



Stirrer bars, magnetic, oval, PTFE



- For efficient stirring in round bottomed flasks

Product Code	Length (mm)	O.D. (mm)	Pack qty.
SWN520	20	10	2
SWN522	25	12	2
SWN524	30	16	2
SWN525	35	16	2
SWN526	40	20	2
SWN528	50	20	2



Stirrer bars

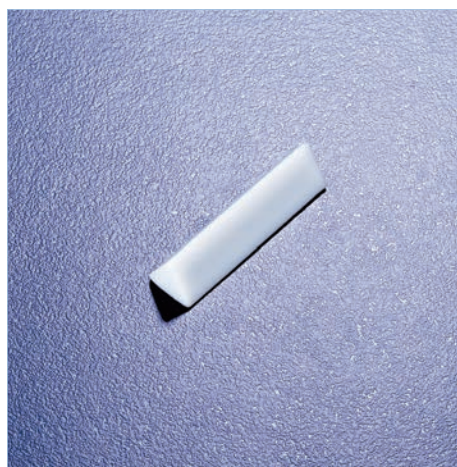


Stirrer bars, magnetic, pivot ring, PTFE



- Central pivot ring ensures efficient spinning even on curved or uneven bases

Product Code	Length (mm)	O.D. (mm)	Pack qty.
SWN500	8	3	2
SWN501	15	4.5	2
SWN502	12	4.5	2
SWN503	20	6	2
SWN504	25	6	2
SWN505	35	6	2
SWN506	45	8	2
SWN507	40	8	2
SWN508	60	9.5	2
SWN509	50	8	2
SWN510	70	9.5	2
SWN511	30	6	2



Stirrer Bars, magnetic, triangular, PTFE



- Spins well giving the best possible mixing action
- Ideal for mixing difficult solutions e.g. dissolving solvents or mixing sediments

Product Code	Length (mm)	O.D. (mm)	Pack qty.
SWN532	12	6	2
SWN534	25	8	2
SWN536	35	9	2
SWN538	50	12	2



Stirrer bars, magnetic, set, PTFE



- Assortment of the most popular types and sizes of PTFE magnetic stirrer bars
- Supplied in a red polypropylene compartmented box with opaque natural lid
- Contains:
 - Pivot ring: two each of 12 x 4.5 25 x 6 45 x 8 and 60 x 9.5mm
 - Oval: two each of 20 x 10, 25 x 12, 35 x 16 and 50 x 20mm
 - Micro: three each of 7 x 2 and 10 x 3mm

Product Code	Description	Pack qty.
SWN515	Set of 22 PTFE stirrer bars	1



Stirring bars only are autoclavable. (Do not autoclave in box)

Stirrer bars, magnetic, cross-head, PTFE



- For efficient stirring in tubes and for general stirring applications
- Items SWN920, SWN925, SWN926 and SWN927 are single sided. All other items in this range are double sided.

Product Code	Diam. x height (mm)	Pack qty.
SWN920	10 x 8	2
SWN925	25 x 15	2
SWN926	40 x 17	2
SWN927	60 x 17	2
SWN930	10 x 8	2
SWN931	14 x 10	2
SWN933	22 x 15	2
SWN934	30 x 12	2
SWN935	40 x 14	2
SWN936	60 x 15	2



Stirrer bars, magnetic, disk, PTFE



- Ideal for use in general stirring applications and in tubes

Product Code	Diam. x height (mm)	Pack qty.
SWN718	10 x 6	2
SWN722	30 x 12	2



Stirrer bars, magnetic, plain, PTFE



- Similar to cylindrical stirrer bars but give greater turbulence at low speed
- Ideal for use with large vessels

Product Code	Length (mm)	O.D. (mm)	Pack qty.
SWN677	75	13	2
SWN680	108	27	2
SWN682	159	27	2





Stirrer bars, magnetic, turbo, PTFE

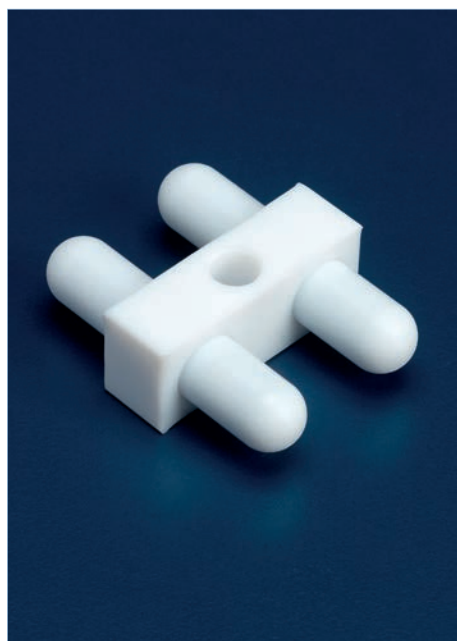


- Turbo stirrer bars have increased magnetic strength compared to Alnico magnets and are resistant to demagnetisation
- Turbo bars are identifiable by a carbon black spot

Product Code	Length (mm)	O.D. (mm)	Pack qty.
SWN606	25	14	1
SWN608	50	24	1
SWN610	70	28	1



Turbo stirrer bars contain a powerful samarium-cobalt magnet. The powerful attraction to the drive magnet may give rise to the release of PTFE particles caused by abrasion between the stirrer and the container base.



Stirrer bars, magnetic, turbo block, PTFE



- For very effective stirring especially of viscous fluids
- Twin turbo magnets inserted into a solid PTFE body

Product Code	Dimensions (h x l x w) (mm)	Pack qty.
SWN1003	14 x 40 x 34	1
SWN1004	18 x 55 x 44	1
SWN1005	30 x 90 x 80	1



Turbo stirrer bars contain a powerful samarium-cobalt magnet. The powerful attraction to the drive magnet may give rise to the release of PTFE particles caused by abrasion between the stirrer and the container base.

Stirrer bars, magnetic, cylindrical, set, PTFE



- Assortment of popular sizes of PTFE cylindrical magnetic stirrer bars
- Supplied in a clear compartmented lidded box
- Contains:
 - Two each of 10 x 6, 15 x 4.5, 20 x 6, 25 x 6, 30 x 6mm 40 x 8, 50 x 8, 60 x 10 and 70 x 10mm bars

Product Code	Description	Pack qty.
SWNBOX3019	Set of 18 cylindrical PTFE stirrer bars	1



Stirring bars only are autoclavable. (Do not autoclave in box)



Stirrer bars, magnetic, cylindrical and removable ring, set, PTFE



- Assortment of popular sizes of PTFE cylindrical and removable ring magnetic stirrer bars
- Supplied in a clear compartmented lidded box
- Contains:
 - Cylindrical: Two each of 13 x 10, 13 x 8, 20 x 8, and four of 25 x 8mm
 - Removable ring: Two each of 32 x 8 and 38 x 8, one of 38 x 10, three of 42 x 10, and two of each of 51 x 8 and 51 x 10mm

Product Code	Description	Pack qty.
SWNBOX3020	Set of 22 cylindrical and removable ring PTFE stirrer bars	1



Stirring bars only are autoclavable. (Do not autoclave in box)



Stirrer bars



Stirrer bar retrievers, PTFE coated



- Magnet permanently embedded in PTFE rod
- Ideal for retrieving magnetic stirrer bars from particularly sensitive or corrosive liquids
- Turbo retrievers are ideal for use with turbo stirrer bars

Product Code	Description	Length (mm)	O.D. (mm)	Pack qty.
SWN564	Standard	250	10	1
SWN566	Standard	350	10	1
SWN1013	Turbo	350	10	1
SWN1016	Turbo	450	18	1



Stirrer bars supplied separately



Stirrer shaft, for blades, PTFE



- PTFE construction for maximum resistance to chemical attack
- PTFE blades can be pivoted on the stirrer shaft to allow passage through small apertures e.g. necks and sockets of Quickfit® flasks
- For use with PTFE stirrer blades and PTFE universal stirrer guides

Product Code	Approx shaft diam. (mm)	Approx shaft length (mm)	Pack qty.
SWN750	6	400	1
SWN752	6	500	1
SWN754	10	550	1
SWN756	10	650	1



Suitable for use with universal stirrer guides

Stirrer, blade, plain end, PTFE



- PTFE blades can be pivoted on the stirrer shaft to allow passage through small apertures e.g. necks and sockets of Quickfit® flasks
- Blades are detachable for cleaning and replacement purposes
- Useful for sweeping close to the vessel walls as they will not cause scratching
- For use with PTFE and glass stirrer shafts

Product Code	Blade length (mm)	Min. neck size for stirrer	Pack qty.
SWN730	65	29/32	5
SWN732	75	29/32	5
SWN734	105	29/32	5
SWN736	125	29/32	5
SWN738	150	29/32	5



Stirrer shaft, anchor, PTFE



- Designed for low speed operation
- Paddle closely follows the contour of round flask walls
- Useful where the build-up of solid material on the walls is likely

Product Code	Approx shaft diam. (mm)	Approx shaft length (mm)	Blade width (mm)	Pack qty.
SWN556	6	400	80	1
SWN5560	6	500	80	1
SWN557	10	550	100	1
SWN5570	10	650	100	1
SWN5580	10	650	140	1



Suitable for use with universal stirrer guides





Stirrer shaft, centrifugal, PTFE



- Stirrer blades fold in for ease of access through necks of vessels and out during use

Product Code	Approx shaft diam. (mm)	Approx shaft length (mm)	Blade width (mm)	Pack qty.
SWN559	6	400	50	1
SWN5590	6	500	50	1
SWN560	10	550	70	1
SWN5600	10	650	70	1



Suitable for use with universal stirrer guides



Stirrer shaft, screw propellers, PTFE



- Propeller design produces very effective mixing

Product Code	Approx shaft diam. (mm)	Approx shaft length (mm)	Blade width (mm)	Pack qty.
SWN5540	6	500	500	1
SWN5550	10	650	60	1



Suitable for use with universal stirrer guides



Stirrer guides, universal, PTFE



- Fits standard taper ground glass B joints and suitable for use with PTFE, glass or metal stirrer shafts
- Excellent chemical resistance
- No shedding
- Maximum recommended speeds; 500rpm continuous, 800rpm intermittent
- Reduces vibration and whip
- Vacuum to 5mm Hg and pressure to 3-5 psi

Product Code	To fit stirrer shaft (mm)	Cone size	Pack qty.
SWN761	6	19/26	1
SWN762	6	24/29	1
SWN765	10	24/29	1
SWN766	10	29/32	1
SWN768	10	34/35	1

Stirrer glands, PTFE

Azlon

- 'Stuffing box' glands available with either brass or PTFE cones
- Provides a seal to a stirrer shaft by the adjustable compression of rubber 'O' rings and felt washers impregnated with lubricant
- Glands ST4/2 and ST4/2F have integral drive pulleys
- Compatible with Quickfit

Product Code	Description	Material (cone portion)	To fit stirrer shaft (mm)	Pulley diam. (mm)	Cone size	Pack qty.
ST4/2	Gland with pulley	Brass	6	35	19/26	1
ST4/2F	Gland with pulley	PTFE	6	23	19/26	1
ST3/2F	Gland only	PTFE	6	35	19/26	1



Spares for PTFE stirrer glands

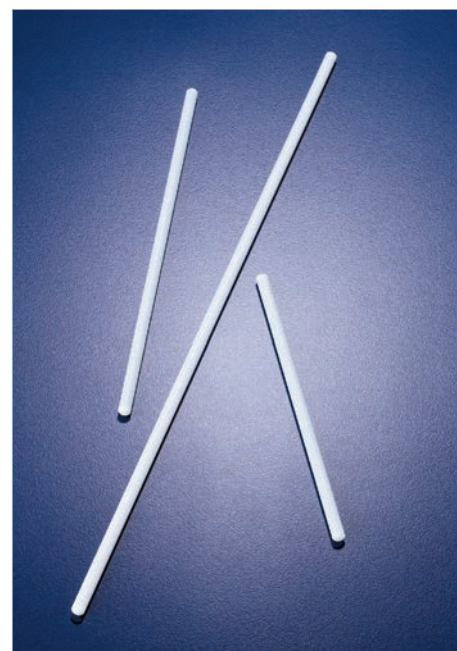
Product Code	Description	Pack qty.
ST4R	Spare 'O' ring	10
ST4W	Spare feltwasher	10

Rods, stirring, PTFE coated

A  *Azlon*

- Suitable for stirring even the most corrosive liquids
- Will withstand 260°C
- PTFE covered with plain ends
- 6mm diameter

Product Code	Length (mm)	Pack qty.
SWN542	150	1
SWN544	200	1
SWN546	250	1
SWN548	300	1
SWN550	350	1
SWN552	400	1





Stopcocks, rigid, polyethylene



- Efficient and easily turned stopcock
- 1/2" BSP screw fitting inlet
- Suitable for food contact applications in accordance with EU regulations

Product Code	Overall length (mm)	Bore I.D. (mm)	Outlet	Pack qty.
SWQ012	100	12	1/2" BSP	1



Stopcocks, white polyethylene



- Efficient ball-valve stopcock
- 3/4" BSP thread
- Nominally 12mm bore, the outlet tapers to approximately 9mm O.D.

Product Code	Pack qty.
SWQ018	1



Stopcocks, regulating taps, polypropylene



- Efficient polypropylene stopcocks
- Excellent chemical and temperature resistance

Product Code	Thread size BSP	Pack qty.
SWQ036	3/8"	1
SWQ038	1/2"	1
SWQ040	3/4"	1



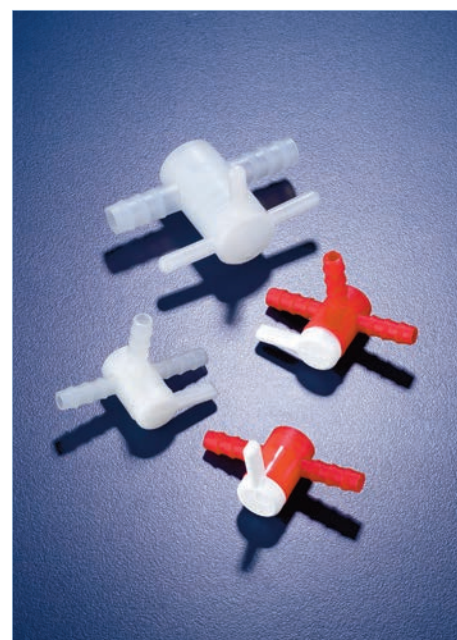
Remove rubber sealing ring prior to autoclaving.

Stopcocks, 2-way & 3-way, PVDF or Polyethylene



- Range of 2 and 3-way stopcocks in PVDF or polyethylene
- PVDF has excellent temperature, chemical and ageing resistance
- Polyethylene available for less stringent requirements

Product Code	Material	Type	For tube I.D. (mm)	Pack qty.
SWQ216	PVDF	2-way	10-11	1
SWQ218	PVDF	3-way	6-7	1
SWQ220	PVDF	3-way	8-9	1
SWQ224	PVDF	3-way	10-11	1
SWQ200	Polyethylene	2-way	6-7	1
SWQ202	Polyethylene	2-way	8-9	1
SWQ204	Polyethylene	2-way	10-11	1
SWQ206	Polyethylene	3-way	6-7	1
SWQ208	Polyethylene	3-way	8-9	1
SWQ210	Polyethylene	3-way	10-11	1



i Polyvinylidene fluoride (PVDF) can be used up to 150°C and has chemical resistance approaching that of PTFE.

New for 2016! Azlon Bleach Wash Bottle



The new Azlon Bleach Wash Bottle is available in white, opaque LDPE for light protection, and displays appropriate chemical information to meet the latest requirements in European and USA safety legislation.

For full details see page 39.

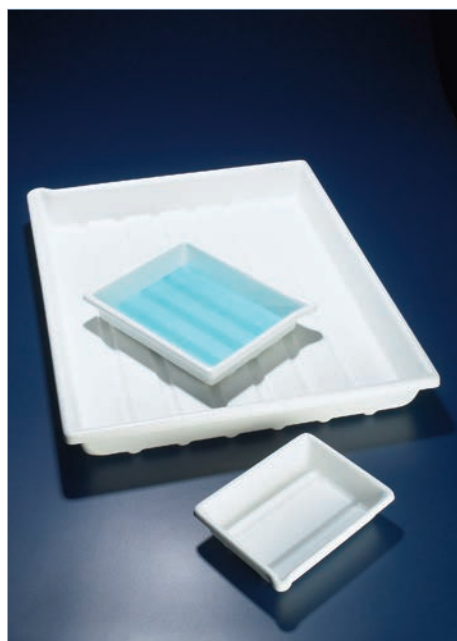


Trays, instrument, polypropylene



- Rectangular fabricated polypropylene trays
- Rigid and robust
- All sizes have 22mm deep vertical sides
- Can be autoclaved at 121°C

Product Code	Dimensions l x w (mm)	Pack qty.
TWR018	350 x 200	1
TWR020	350 x 250	1
TWR022	610 x 350	1



Trays, photographic, white PVC



- Lightweight PVC trays
- Unbreakable in normal use
- Do not chip and are easily cleaned
- Accepts standard photographic paper
- Ribbed with pouring lip

Product Code	Internal dim. l x w (mm)	Height (mm)	Pack qty.
DWR006	260 x 200	65	1
DWR007	300 x 250	62	1
DWR008	420 x 320	75	1
DWR010	510 x 425	75	1
DWR012	650 x 520	90	1

Troughs, pneumatic, polyethylene



- Cylindrical, one piece pneumatic troughs
- Much lighter than glass
- Will withstand up to 80°C

Product Code	O.D. x height (mm)	Pack qty.
TGJ058	200 x 100	1
TGJ060	250 x 100	1
TGJ062	300 x 150	1



Troughs, sterilising, polypropylene



- Rectangular sterilising troughs
- Robust and deep to accommodate a wide range of instruments etc.
- Can be autoclaved at 121°C

Product Code	Capacity (litres)	l x w (mm)	Height without lid (mm)	Height with lid (mm)	Pack qty.
TWR202	1	210 x 122	78	91	1
TWR204	10	390 x 290	110	130	1

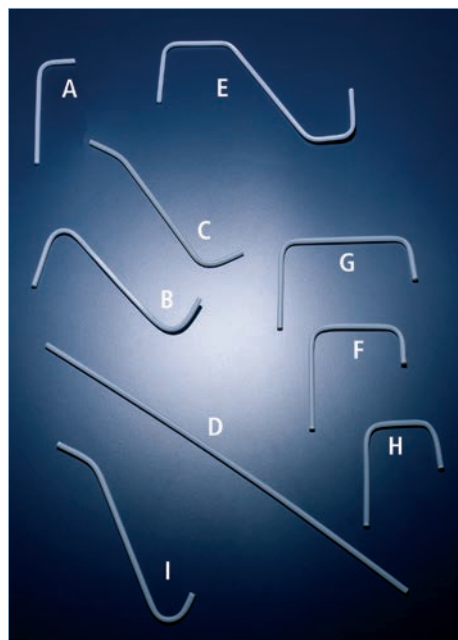


Troughs lids, sterilising, polystyrene



- Lids are to be purchased separately and are not autoclavable

Product Code	Description	Pack qty.
TWR205	Lid for TWR204	1



Gas delivery tubes, polypropylene

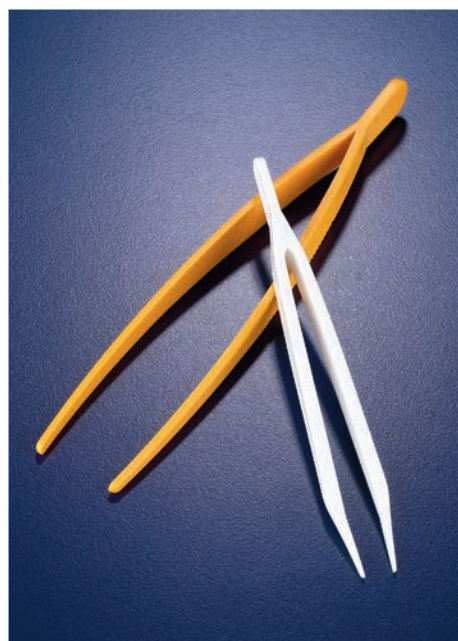


- Pre-bent rigid polypropylene delivery tubes
- Unbreakable in normal use - ideal substitutes for fragile glass alternatives
- Suitable for many types of gas collection experiments in schools and universities

Product Code	Key	Type	Tube O.D. (mm)	Tube I.D. (mm)	Pack qty.
DT001	A	90 Degree	6	4	5
DT002	B	Bung Top	6	4	5
DT003	C	Side Arm	6	4	5
DT004	D	Straight tube	6	4	5
DT005	E	Double Bend	6	4	5
DT006	F	U Bend	6	4	5
DT007	G	Large U Bend	6	4	5
DT008	H	Small U bend	6	4	5
DT009	I	Test tube side arm	6	4	5
DT001MP	-	Multi pack - One of each shape	6	4	9



It is not recommended that these tubes be exposed to temperatures above 60°C.



Tweezers, PMP / POM



- High quality, autoclavable tweezers
- Available with pointed or rounded ends
- Fine tooth grips for secure handling of samples

Product Code	Material	Colour	Ends	Length (mm)	Pack qty.
TWY260	PMP	White	Sharp	115	1
TWY262	PMP	White	Sharp	145	1
TWY264	POM	Yellow	Round	180	1
TWY266	POM	Yellow	Round	250	1

Weighing scoop, HDPE



- Lightweight HDPE weighing boats/scoops
- Good chemical resistance

Product Code	Capacity (ml)	Body dim. (mm)	Overall length (mm)	Pack qty.
FWC320	2	33 x 15	40	10
FWC322	10	55 x 25	64	10
FWC324	35	85 x 38	100	10



Azlon® custom printed wash bottles

Design your own wash bottle and we will print it for you.

Available in a range of bottle sizes from 250ml - 1000ml

- Wide or narrow mouth
- Venting or non-venting
- Choice of cap colours
- Minimum order 500 pieces



For more information about our full range of standard Driplik® venting and non-venting wash bottles see pages 33 to 43 in this catalogue. For ordering information please see inside back cover.

40023.....	47	BGE706P.....	51	BNL0100PN.....	29	BWK004.....	15
AWY700.....	9	BGE708.....	51	BNL0125PN.....	29	BWK006.....	15
AWY702.....	9	BGE708P.....	51	BNL0150PN.....	29	BWK009.....	15
BDA1198.....	16	BGE710.....	51	BNL0250P.....	29	BWM05.....	13
BDA1199.....	16	BGE710P.....	51	BNL0500P.....	29	BWM10.....	13
BDA1200.....	16	BGE712.....	51	BNL1000P.....	29	BWM20.....	13
BDA208P.....	16	BGE712P.....	51	BNL2000P.....	29	BWM25.....	13
BDA212P.....	16	BGE714.....	51	BNP0030PN.....	22	BWN008.....	19
BDA218MES.....	16	BGE714P.....	51	BNP0060PN.....	22	BWN012.....	19
BDA218P.....	16	BGE716.....	51	BNP0100PN.....	22	BWN018.....	19
BDA224P.....	16	BGE716P.....	51	BNP0125PN.....	22	BWN024.....	19
BDA230P.....	16	BGE814PNC.....	30	BNP0150PN.....	22	BWN028.....	19
BDA234P.....	16	BGE820PNC.....	30	BNP0250P.....	22	BWN030.....	19
BDA236P.....	16	BGE828PNC.....	30	BNP0500P.....	22	BWN035.....	19
BDA238P.....	16	BGE830PNC.....	30	BNP05A.....	10	BWN036.....	19
BDA240P.....	16	BGE836PNC.....	30	BNP05B.....	12	BWN118.....	30
BDA242P.....	16	BGF130P.....	43	BNP1000P.....	22	BWN124.....	30
BDA300P.....	16	BGF136P.....	43	BNP10A.....	10	BWN130.....	30
BDC208P.....	18	BGG302.....	52	BNP10B.....	12	BWP0030PN.....	22
BDC212P.....	18	BGG304.....	52	BNP2000P.....	22	BWP0060AP.....	24
BDC218P.....	18	BGG306.....	52	BNP20A.....	10	BWP0060PGRAD.....	24
BDC224P.....	18	BGG308.....	52	BNP20B.....	12	BWP0060PN.....	22
BDC230P.....	18	BGG311.....	52	BPB0025P.....	17	BWP0150AP.....	24
BDC234P.....	18	BGG312.....	52	BPB0050P.....	17	BWP0250AP.....	24
BDC236P.....	18	BGG440P.....	53	BPB0100P.....	17	BWP0250P.....	22
BDC238P.....	18	BGG442P.....	53	BPB0250P.....	17	BWP0250PGRAD.....	24
BDC240P.....	18	BGG444P.....	53	BPB0400P.....	17	BWP0500AP.....	24
BDC242P.....	18	BGG446P.....	53	BPB0500P.....	17	BWP0500P.....	22
BDD312P.....	18	BGG450P.....	53	BPB0600P.....	17	BWP0500PGRAD.....	24
BDD318P.....	18	BGG452P.....	53	BPB1000P.....	17	BWP1000AP.....	24
BDD324P.....	18	BGG454P.....	53	BPB2000P.....	17	BWP1000P.....	22
BDD330P.....	18	BGG456P.....	53	BPB3000P.....	17	BWP1000PGRAD.....	24
BDD334P.....	18	BGG458P.....	53	BPB5000P.....	17	BWP2000AP.....	24
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BDD340P.....	18	BGH025.....	12	BPM0100P.....	17	BWX018.....	14
BDD342P.....	18	BGH026.....	12	BPM0250P.....	17	BWX020.....	14
BDH112T.....	46	BGH028.....	12	BPM0400P.....	17	BWX072.....	11
BDH118T.....	46	BGH034.....	10	BPM0500P.....	17	BWX104.....	45
BGC428P.....	25	BGH036.....	10	BPM0600P.....	17	BWX106.....	45
BGC430P.....	25	BGH037.....	10	BPM1000P.....	17	BWX110.....	45
BGC432P.....	25	BGH038.....	10	BPM2000P.....	17	BWX112.....	45
BGC436P.....	25	BGH040.....	10	BPM3000P.....	17	BWX114.....	45
BGC440P.....	25	BGH068.....	11	BPM5000P.....	17	BWX116.....	45
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BGE240P.....	26	BGS040.....	44	BSC0500.....	21	BWY038.....	44
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BGE426P.....	28	BLP0125P.....	22	BSH10B.....	13	BWY252.....	14
BGE430P.....	28	BLP0125PGRAD.....	24	BSH20A.....	11	BWY254.....	14
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BGE530P.....	29	BNH0150PN.....	25	BSR1000P.....	27	CP0100P.....	54
BGE536P.....	29	BNH0250P.....	25	BWH0030PN.....	26	CP0250P.....	54
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