



I.S.S. was established by personnel with comprehensive and technically advanced expertise in the manufacture and supply of laboratory consumables.

Developed over many years our particular specialities centre on conventional blood collection tubes and specimen containers. These are complemented by a wide range of linked products covering all aspects of sample collection, handling, processing, storage and disposal.

Our manufacturing and processing sites operate modern computer controlled moulding equipment, together with dedicated filling, capping, printing and labelling equipment.

Continued investment in technology maintains our ability to provide competitively priced products, whilst preserving a flexible attitude to customer requirements.

Quality is paramount in every aspect of our business and central to this is our ISO 9001:2015 registered Quality Management System. Quality starts with raw material specification and inspection and continues through the manufacturing processes using audited process controls. Stringent product testing at every point in the production process is the cornerstone of our activity.

**Our West Yorkshire manufacturing base supplies product to I.S.S. customers throughout the UK and world markets.**



Cert No 10716  
ISO 9001



The products shown in the catalogue form only a part of our range and capability. We are constantly developing new products in conjunction with our customers.



I.S.S is equipped with latest computer systems, giving instant access to customer, order and stock information and an ability to respond quickly to enquiries. Our UK and export customer service staff have considerable experience in providing solutions to all our customers' needs.

I.S.S. invite you to enquire if you have requirements or ideas not shown on the following pages.

**Choose I.S.S. as your manufacturer of choice for the highest quality products and excellent customer service.**



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# Blood Tubes
















# Plastic Screw Cap Blood Collection Tubes with Anticoagulants (5-10ml)

## Pre-Filled With Anticoagulant

- A range of screw capped 5 & 10ml blood collection tubes available with or without labels.
- All tubes are fitted with rigid screw caps for leak free specimens.
- Available in polystyrene or clarified polypropylene.
- CE marked in accordance with EU directive 98/79/EC.
- Tested to ISO 6710:2017.



\* Contact us if you do not see the blood tube you require and we will endeavour to make it for you.

Code	Volume ml	Anticoagulant	Colour Code	Material	Case Quantity
PBT064	2.5	Di Potassium EDTA	 Pink	Polystyrene	1000
PBT065	2.5	Di Potassium EDTA	 Pink	Polypropylene	1000
PBT068	4	Di Potassium EDTA	 Pink	Polystyrene	1000
PBT089	4	Di Potassium EDTA	 Pink	Polypropylene	1000
PBT088	10	Di Potassium EDTA	 Pink	Polypropylene	500
PBT108	5	Lithium Heparin	 Orange	Polystyrene	1000
PBT107	5	Lithium Heparin	 Orange	Polypropylene	1000
PBT080	10	Lithium Heparin	 Orange	Polystyrene	500
PBT110	10	Lithium Heparin	 Orange	Polypropylene	500
PBT111	10	Lithium Heparin & Beads	 Orange	Polypropylene	500
PBT042	2.5	Sodium Citrate 3.2% (9NC) (Dry).	 Purple	Polystyrene	1000
PBT097	2.5	Fluoride / Oxalate	 Yellow	Polystyrene	1000
PBT096	2.5	Fluoride / Oxalate	 Yellow	Polypropylene	1000

# Plastic Screw Cap Blood Collection Tubes without Anticoagulants (5-10ml)

## Empty Tubes

- A range of screw capped 5 & 10ml blood collection tubes available with or without labels.
- All tubes are fitted with rigid screw caps for leak free specimens.
- Gamma irradiated (>25Kgy) or non-sterile
- CE marked in accordance with EU directive 98/79/EC.
- Leak tested to ISO 6710:2017.



Code	Volume ml	Anticoagulant	Colour Code	Label	Material	Gamma Irradiated	Case Qty
PBT081	5	Empty	○ White	✓	Polystyrene		1000
PBT128	5	Empty	○ White	✓	Polypropylene		1000
PBT199	5	Empty	○ White	✓	Polystyrene	✓	1000
PBT200	5	Empty	○ White	✓	Polypropylene	✓	1000
PBT166	5	Empty	○ White		Polystyrene		1000
PBT167	5	Empty	○ White		Polypropylene		1000
PBT084	5	Empty	○ White		Polystyrene	✓	1000
PBT201	5	Empty	○ White		Polypropylene	✓	1000
PBT082	10	Empty	○ White	✓	Polystyrene		500
PBT129	10	Empty	○ White	✓	Polypropylene		500
PBT202	10	Empty	○ White	✓	Polystyrene	✓	500
PBT203	10	Empty	○ White	✓	Polypropylene	✓	500
PBT168	10	Empty	○ White		Polystyrene		500
PBT169	10	Empty	○ White		Polypropylene		500
PBT204	10	Empty	○ White		Polystyrene	✓	500
PBT205	10	Empty	○ White		Polypropylene	✓	500

## With Clotting Accelerator

- Tubes as above but treated with clotting accelerator.
- Also available with serum separation gel or beads.
- Leak tested to ISO 6710:2017.



Code	Volume ml	Additive	Colour Code	Label	Material	Case Qty
PBT134	5	Treated for Clotted Blood	○ White	✓	Polypropylene	1000
PBT130	5	Treated with Beads	○ White	✓	Polypropylene	1000
PBT145	5	Treated with Separation Gel	● Green	✓	Polypropylene	300
PBT133	10	Treated for Clotted Blood	○ White	✓	Polypropylene	500
PBT131	10	Treated with Beads	○ White	✓	Polypropylene	500
PBT207	10	Treated with Separation Gel	● Green	✓	Polypropylene	500

# Glass Narrow & Wide Neck Tubes (5-10ml)

## Without Anticoagulant

- A range of screw capped 5 & 10ml blood collection tubes available with or without labels.
- Gamma irradiated (at >25Kgy) or non sterile.
- Fitted with rigid screw caps for leak free specimen collection.
- Available in narrow or wide neck styles.
- 10ml tubes are manufactured in a special process which prevents clot retraction problems.
- CE marked in accordance with EU directive 98/79/EC.
- Leak tested to ISO 6710:2017.



\* Contact us if you do not see the blood tube you require and we will endeavour to make it for you.

Code	Volume ml	Description/Neck Style	Label	Gamma Irradiated	Case Quantity
GBT016	5	Narrow			1000
GBT045	5	Narrow	✓		1000
GBT047	5	Narrow	✓	✓	1000
GBT049	5	Narrow		✓	1000
GBT029	5	Wide			1000
GBT028	5	Wide	✓		1000
GBT030	5	Wide	✓	✓	1000
GBT031	5	Wide		✓	1000
GBT021	10	Narrow			500
GBT046	10	Narrow	✓		500
GBT048	10	Narrow	✓	✓	500
GBT050	10	Narrow		✓	500
GBT036	10	Wide			500
GBT035	10	Wide	✓		500
GBT033	10	Wide	✓	✓	500
GBT032	10	Wide		✓	500



# Screw Cap Paediatric Blood Collection Tubes (0.5-1.3ml)

## Standard Cap

- Screw cap tubes for 0.5 - 1.3ml of blood.
- These long narrow tubes aid storage and "harvest".
- We are able to provide these tubes with a range of additives or treatments.
- CE marked in accordance with EU directive 98/79/EC.
- Tested to ISO 6710:2017.
- Contact us if you do not see the tube you require and we will endeavour to make it for you.



We can manufacture these tubes in alternative colour codes.

Code	Volume ml	Anticoagulant	Colour Code	Pierceable	Material	Case Qty
PAED95	0.5	Lithium Heparin	● Orange	N	Polypropylene	1000
PAED06	1.3	Lithium Heparin	● Orange	N	Polypropylene	1000
PAED20	1.3	Lithium Heparin with Separation Gel	● Orange	N	Polypropylene	1000
PAED01B	0.5	Di Potassium EDTA	● Pink	N	Polypropylene	1000
PAED77	0.8	Di Potassium EDTA	● Pink	N	Polypropylene	1000
PAED02B	1.3	Di Potassium EDTA	● Pink	N	Polypropylene	1000
PAED09	1.3	Treated for Clotted Blood	○ White	N	Polypropylene	1000
PAED04	1.3	Fluoride/Oxalate	● Yellow	N	Polypropylene	1000
PAED76	1.3	Fluoride/Potassium EDTA	● Grey	N	Polypropylene	1000
PAED08	1.3	Plain 'Z'	○ White	N	Polypropylene	1000
PAED19	1.3	Plain, 'Z', Irradiated	○ White	N	Polypropylene	1000
PAED21	1.3	Separation Gel for Clotted Blood	● Brown/White	N	Polypropylene	1000
PAED30	1.3	Sodium Citrate 3.2% (9NC).	● Mauve	N	Polypropylene	100

# Pierceable Blood Collection Tubes (0.5-1.3ml)

- Screw caps feature a pierceable membrane.
- Carrier tubes with special 'click fit' feature convert the product to a standard diameter and height for use with automated sampling equipment.
- CE marked in accordance with EU directive 98/79/EC.
- Tested to ISO 6710:2017.
- Contact us if you do not see the tube you require and we will endeavour to make it for you.



We can manufacture these tubes in alternative colour codes.

Code	Volume ml	Anticoagulant	Colour Code	Pierceable	Material	Case Quantity
PAED44	0.8	Sodium Citrate 3.2% (9NC).	● Mauve	Y	Polypropylene	100
PAED71	1.3	Lithium Heparin	● Orange	Y	Polypropylene	1000
PAED49	0.8	Di Potassium EDTA	● Pink	Y	Polypropylene	1000
PAED43	1.3	Di Potassium EDTA	● Pink	Y	Polypropylene	1000
PTT033	5.5	Carrier Tube			Polypropylene	2000

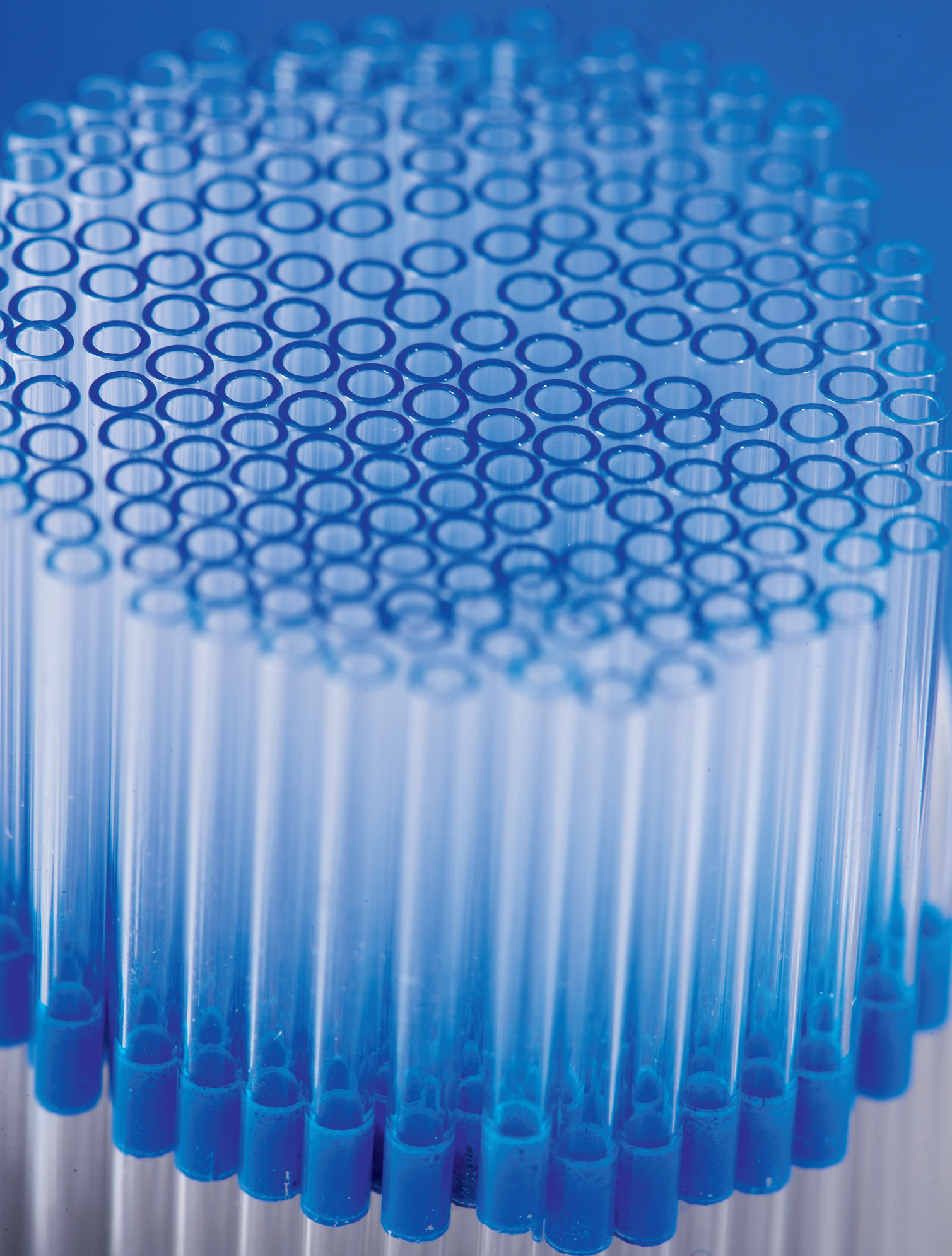
# Push Cap Paediatric Blood Collection Tubes (0.5-2.0ml)

- Push cap tubes for 0.5 - 2.0ml of blood.
- Moulded in crystal clear polystyrene.
- CE marked in accordance with EU directive 98/79/EC.
- Tested to ISO 6710:2017.
- We are able to provide these tubes with a range of additives or treatments.



Code	Volume ml	Anticoagulant	Colour Code	Material	Case Qty
PBT0591	1	Empty	○ White	Polystyrene	1000
PBT059	2	Empty	○ White	Polystyrene	1000
PBT062	0.5	Di Potassium EDTA	● Pink	Polystyrene	1000
PBT054	1	Di Potassium EDTA	● Pink	Polystyrene	1000
PBT051	2	Di Potassium EDTA	● Pink	Polystyrene	1000
PBT052	0.5	Lithium Heparin	● Orange	Polystyrene	1000
PBT063	1	Lithium Heparin	● Orange	Polystyrene	1000
PBT0632	2	Lithium Heparin	● Orange	Polystyrene	1000
PBT055	1	Fluoride/Oxalate	● Yellow	Polystyrene	1000
PBT0552	2	Fluoride/Oxalate	● Yellow	Polystyrene	1000
PBT056	2	Sodium Citrate 3.2% (9NC)	● Mauve	Polystyrene	1000

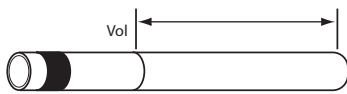
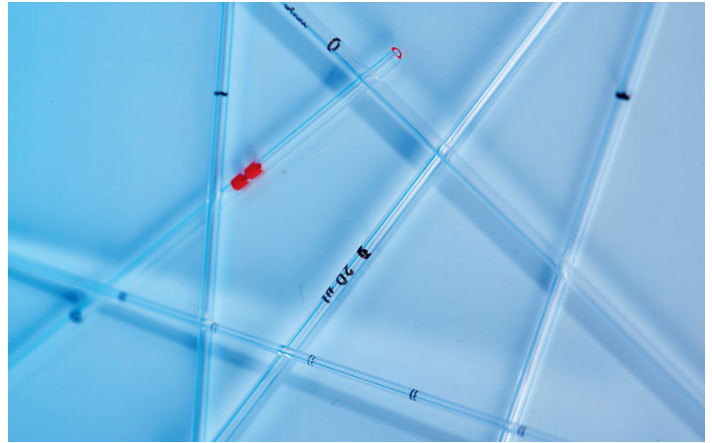
# Capillary Tubes



# Glass Capillary Tubes

## Pre-Calibrated Micropipettes

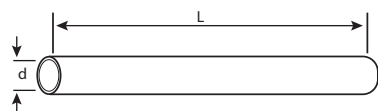
- These pipettes are ring marked at a pre-calibrated volume. Volumes are accurate to +/- 0.25% cv 0.5%.
- The pipettes are colour coded for ease of recognition (ISO 7550). Heparinised version is also available.
- Made from borosilicate glass which has superior chemical properties to avoid contamination of the test medium.



Code	Volume	Colour Code	Na Heparinised	Pack Quantity
GC0029	1-5µl	○ White		250
GC0063	1-5µl	○ White	✓	250
GC0031	10µl	● Orange		250
GC0064	10µl	● Orange	✓	250
GC0065	5-10µl	● Orange		250
GC0066	5-10µl	● Orange	✓	250
GC0032	20µl	● Black		250
GC0067	20µl	● Black	✓	250
GC0033	25µl	○ White / White		250
GC0068	25µl	○ White / White	✓	250
GC0034	40µl	● Red / Red		250
GC0069	40µl	● Red / Red	✓	250
GC0056	20-40µl	● Red / Red		250
GC0071	20-40µl	● Red / Red	✓	250
GC0035	50µl	● Green		250
GC0058	50µl	● Green	✓	250
GC0057	20-50µl	● Green		250
GC0073	20-50µl	● Green	✓	250
GC0036	100µl	● Blue		250
GC0074	100µl	● Blue	✓	250
GC0053	100-200µl	● Red		250
GC0047	100-200µl	● Red	✓	250

## General Purpose Capillaries

- Made from borosilicate glass for superior performance at high temperatures.
- Superior finish and dimensional control makes these products ideal for a range of applications as well as melting point determinations.



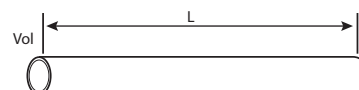
Code	Length mm (L)	I.D. mm (d)	O.D. mm	Pack Quantity
GC0044	75	1.0	1.40	1000
GC0042	75	1.2	1.65	500
GC0049	100	1.1	1.55	1000
GC0043	100	1.2	1.65	500
GC0041	100	0.6	1.00	2000
GC0050	125	1.5	1.90	500

\* Contact us for details of our extended range, if you do not see the size you require.



## Blood Gas Analysis

- Available in 3 sizes. Heparinised precisely and controlled to a high degree both for size and anticoagulant level.
- Heavy walled with fired tops.
- Stirrers (mixing fleas) and caps (robust and secure for safe handling) available.



Code	Volume	Length mm (L)	Pack Quantity
GC0024	130µl	75	250
GC0025	175µl	100	250
GC0026	220µl	125	250
GC0027	End Cap		500
GC0028	Stirrers (Mixing Fleas)		250

## Microhaematocrit Tubes

- Available plain or heparinised (>31.U.) for direct sampling. Taper is less than 0.02mm.
- Contact us for a range of accessories including sealing wax plates.
- Supplied in colour coded dispenser tubes for safe hygienic withdrawal.



Code	Volume	Length mm (L)	Colour Code	Na Heparinised	Pack Quantity
GC0039	75µl	75	● Blue		1000 (10 x 100)
GC0040	75µl	75	● Red	✓	1000 (10 x 100)

GC0059	40µl	40	● Blue		100
GC0060	40µl	40	● Red	✓	100

\* Please contact us if you do not see the tube you require. Alternative sizes and anti-coagulant types are available to special order.

## Accessories available for the above



Code	Description	Pack Quantity
GC0037	Pipette Holder	1
GC0045	Sigillium Wax Plate for Closing Capillary Tubes	10

# Specimen Containers



# Plastic Universal Containers



- A range of 30ml plastic universal containers with leak proof screw caps and conical bases for concentration of particulate matter.
- Available with Boric acid for urine preservation or with a spoon for faecal collection.
- CE marked in accordance with EU directive 98/79/EC.
- Leak tested to BS EN ISO 6717:2021.
- Aseptically Produced.
- Different packing options available.
- Standard screw caps feature a full width liner seal. ⚡ Leak tested to 95kPa.

Code	Description	Cap Colour	Material	Case Qty
UNI0002	30ml Universal Unlabelled	○ White	Polystyrene	400
UNI0005	30ml Universal Plain Label	○ White	Polystyrene	400
UNI0003	30ml Universal Patient Label	○ White	Polystyrene	400

Code	Description	Cap Colour	Material	Case Qty
UNI0055	30ml Universal Unlabelled	○ White	Polypropylene	400
UNI0053	30ml Universal Plain Label	○ White	Polypropylene	400
UNI0054	30ml Universal Patient Label	○ White	Polypropylene	400
UNI0022	30ml Universal Patient Label	● Green	Polypropylene	400
UNI0039B	30ml Universal Patient Label with Spoon	● Blue	Polypropylene	400
UNI0050	30ml Universal Patient Label with Boric Acid	● Red	Polypropylene	400



# Urine Containers for Primary Samples

- A range of 5 & 10ml plastic containers with leak proof screw caps.
- Available with Boric acid for urine preservation.
- CE marked in accordance with EU directive 98/79/EC.
- Leak tested to BS EN ISO 6717:2021.
- Aseptically produced.
- Please contact our sales office for bespoke packaging options to suit your requirements.



Code	Description	Size mm	Material	Case Qty
PAED22	5ml Container with Boric Acid, Red Cap & Label	16 x 55	Polystyrene	700
PBT191	10ml Urine Container with White Cap & Label	16 x 100	Polystyrene	500
PBT190	10ml Urine Container with Boric Acid, Red Cap & Label	16 x 100	Polystyrene	500
PBT234	8ml Round Bottom Urine Container with Yellow Cap & Label	13 x 100	Polystyrene	500
CUP049	Urine Cup for use with above products		Polystyrene	500

A Round Bottom Version of the 10ml Urine Container is available to order.

## Containers for 24hr Urine Collection

- Rigid polyethylene jerry cans with integral handles.
- Containers feature wadded anti leak screw caps.
- Graduated labels with spaces for patient details.
- Pre-labelled and capped.
- In rigid cartons for your convenience.
- CE marked in accordance with EU directive 98/79/EC.
- Also available with customer specific labelling requirements to special order.



Code	Description	Label	Case Qty
UR2420	1ltr 24hr Urine Container	✓	350
UR2413	1ltr 24hr Urine Container		350
UR2401	2.5ltr 24hr Urine Container	✓	100 (2 x 50)
UR2404	2.5ltr 24hr Urine Container		100 (2 x 50)
UR2406	5ltr 24hr Urine Container	✓	78 (3 x 26)
UR2405	5ltr 24hr Urine Container		78 (3 x 26)

# Straight Sided Specimen Containers



- Screw capped containers, moulded in clear polystyrene or clarified polypropylene.
- Available with metal or plastic caps, labelled and unlabelled.
- Metal caps have 'flowed in' liners forming an angled seal which locks into the rim of the jar producing a 95kPa leak proof seal.
- Stringent quality control and testing to BS EN ISO 6717:2021 for total reliability
- CE marked in accordance with EU directive 98/79/EC.
- Aseptically Produced.

Code	Description	Capacity, ml	Cap	Material	Case Quantity
SC6029	No Label	60	● Metal	Polypropylene	300
SC6031	Patient Label	60	● Metal	Polypropylene	300
SC6032	Plain Label	60	● Metal	Polypropylene	300
SC6004	No Label	60	● White Plastic	Polypropylene	300
SC6006	Patient Label	60	○ White Plastic	Polypropylene	300
SC6038	Patient Label	60	● Yellow Plastic	Polypropylene	300
SC6007	Plain Label	60	○ White Plastic	Polypropylene	300
SC1002	No Label	100	● Metal	Polystyrene	160
SC1006	Patient Label	100	● Metal	Polystyrene	160
SC1003	Plain Label	100	● Metal	Polystyrene	160
SCS1502	No Label	150	● Metal	Polystyrene	120
SCS1505	Patient Label	150	● Metal	Polystyrene	120
SCS1506	Plain Label	150	● Metal	Polystyrene	120
SC2502	No Label	250	● Metal	Polystyrene	48
SC2503	Patient Label	250	● Metal	Polystyrene	48
SC2506	Plain Label	250	● Metal	Polystyrene	48

# Screw Cap Jars



- A range of multi purpose specimen containers. All fitted with white rigid wadded screw caps.
- Moulded in clear polystyrene with wide necks for ease of specimen collection and transfer.
- Available labelled or unlabelled and Gamma Irradiated (at >25Kgy) or non sterile.
- CE marked in accordance with EU directive 98/79/EC.
- Leak tested to BS EN ISO 6717:2021.

Code	Capacity ml	Label	Gamma Irradiated	Case Quantity
SCJ002	30			200
SCJ003	30	✓		200
SCJ004	30		✓	200
SCJ005	30	✓	✓	200
SCJ008	60			200
SCJ009	60	✓		200
SCJ010	60		✓	200
SCJ011	60	✓	✓	200
SCJ013	120			100
SCJ014	120	✓		100
SCJ015	120		✓	100
SCJ016	120	✓	✓	100
SCJ018	230			100
SCJ019	230	✓		100
SCJ020	230		✓	100
SCJ021	230	✓	✓	100
SCJ028	350			100
SCJ029	350	✓		100
SCJ030	350		✓	100
SCJ031	350	✓	✓	100

# Water Sampling Bottles

- ISS PET water sampling bottles are available in 330ml, 500ml and 1000ml volumes.
- Sterilised by gamma irradiation at between 25-40 kGy.
- All bottles have a tamper evident cap.
- Available with Sodium Thiosulphate which inhibits the action of chlorine, bromine and ozone dissolved in water. Filled to the requirements of ISO 19458 at 20mg per litre.
- All bottles carry a printed label for sample identification.
- Customer specified labelling options are available subject to a minimum order quantity.



## Round Bottles with 28mm Caps

Code	Description	Sodium Thiosulphate	Gamma Irradiated	Case Quantity
WSB251	330ml Bottle. Labelled. Sterile. White Screw Cap		✓	54
WSB252	330ml Bottle. Labelled. Sterile. White Screw Cap	✓	✓	54
WSB501	500ml Bottle. Labelled. Sterile. White Screw Cap		✓	40
WSB502	500ml Bottle. Labelled. Sterile. White Screw Cap	✓	✓	40
WSB101	1000ml Bottle. Labelled. Sterile. White Screw Cap		✓	18
WSB102	1000ml Bottle. Labelled. Sterile. White Screw Cap	✓	✓	18

## Square Bottles with 34mm Caps

Code	Description	Sodium Thiosulphate	Gamma Irradiated	Case Quantity
WSB255	330ml Bottle. Labelled. Sterile. White Screw Cap		✓	54
WSB260	330ml Bottle. Labelled. Sterile. White Screw Cap	✓	✓	54
WSB505	500ml Bottle. Labelled. Sterile. White Screw Cap		✓	40
WSB510	500ml Bottle. Labelled. Sterile. White Screw Cap	✓	✓	40
WSB105	1000ml Bottle. Labelled. Sterile. White Screw Cap		✓	18
WSB110	1000ml Bottle. Labelled. Sterile. White Screw Cap	✓	✓	18

# Glass Disposable Bottles



- 30ml glass universals and 7ml glass bijoux.
- These media bottles are fitted with autoclavable polypropylene screw caps.
- Available gamma irradiated or non-sterile.

Code	Description	Gamma Irradiated	Case Quantity
GMT009	Glass Bijou. Unlabelled. Non-Sterile 7ml		1000
GMT011	Glass Bijou. Unlabelled. 7ml	✓	1000
GMT012	Glass Bijou. Unlabelled, with Separate Caps 7ml		1000
GMT001	Glass Universal. Unlabelled. Non-Sterile 30ml		375
GMT003	Glass Universal. Unlabelled. 30ml	✓	375
GMT002	Glass Universal. Labelled. Non-Sterile 30ml		375
GMT004	Glass Universal. Labelled. 30ml	✓	375
GMT005	Glass Universal. Unlabelled, with Separate Caps 30ml		250

# Milk Sample Vials

- Milk sample vials moulded in polypropylene.
- 35ml vial features a white polyethylene cap which can be completely removed. 'Do not drink' is moulded onto each cap.
- 45, 60 and 90ml vials feature a hinged cap.



Code	Description	Case Quantity
MV1001	35ml Snap Cap Milk Vial. Tube and Cap Assembled	850
MV1009	45ml Polypropylene Hinged Cap Container	650
MV1010	45ml Blue Polypropylene Hinged Cap Container	650
MV1011	60ml Polypropylene Hinged Cap Container	650
MV1012	60ml Blue Polypropylene Hinged Cap Container	650
MV1013	90ml Polypropylene Hinged Cap Container	350
MV1014	90ml Blue Polypropylene Hinged Cap Container	350

# Blue Polypropylene Containers for Food and Dairy Sampling



Code	Description	Capacity, ml	Cap	Material	Case Quantity
SC5502	Blue Container. No Label	55	Plastic	Polypropylene	700
SC5510	Blue Container. Plain Label	55	Plastic	Polypropylene	700
SCS1450	Blue Container. No Label	125	Plastic	Polypropylene	380
SCS1449	Blue Container. Plain Label	125	Plastic	Polypropylene	380
SC2003	Blue Container. No Label	180	Plastic	Polypropylene	264
SC2004	Blue Container. Plain Label	180	Plastic	Polypropylene	264

## Dippers



- A range of sampling dippers for use in the food and dairy industry.
- Polypropylene dippers with handle that can be removed after collection.

Code	Description	Case Quantity
DIP4001	40ml Dipper. Ionised (10kgy). Single Wrapped	250
DIP1251	125ml Dipper. Ionised (10kgy). Single Wrapped	100
DIP1801	180ml Dipper. Ionised (10kgy). Single Wrapped	100

- Polystyrene dippers with handle that can be snapped off after collection.

Code	Description	Case Quantity
DIP3002	30ml Dipper, Long Handle. Ionised (10Kgy). Single Wrapped	50
DIP2501	250ml Dipper, Long Handle. Ionised (10Kgy). Single Wrapped	50




















# Test Tubes, Vials & Cups



# Plastic Rimless Test Tubes

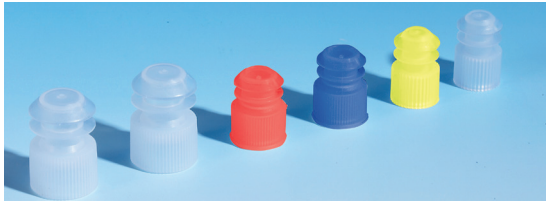


- A comprehensive range of precision moulded disposable plastic test tubes.
- Consistently moulded in virgin plastics.
- Available in transparent polystyrene or tough polypropylene.
- Suitable for samples ranging from 0.7ml to 30ml.
- If you do not see the tube you are looking for then please contact us and we will endeavour to make it for you. All tubes can be filled, labelled, pre-capped and irradiated to suit your needs.

Code	Material	Base Style	Size mm (LxOD)	Capacity - ml	Case Quantity
PTT014	Polystyrene	Round 	41 x 8	0.7	2500
PTT012	Polypropylene	Round 	41 x 8	0.7	10000
PTT016	Polystyrene	Round 	50 x 6	1.0	2500
PTT029	Polystyrene	Round 	50 x 10	2.0	1000
PTT013	Polystyrene	Round 	55 x 12	3.0	1000
PTT017	Polystyrene	Round 	64 x 11	3.5	2500
PTT022	Polystyrene	Round 	75 x 12	4.5	3000
PTT018	Polypropylene	Round 	75 x 12	4.5	2500
PTT092	Polystyrene	Conical 	75 x 12	4.5	3000
PTT031	Polystyrene	Round 	75 x 13	5.5	2500
PTT033	Polypropylene	Round 	75 x 13	5.5	2000
PTT223	Polypropylene	Round 	75 x 16	8.0	1000
PTT034	Polystyrene	Round 	100 x 13	10.0	3000
PTT035	Polypropylene	Round 	100 x 13	10.0	3000
PTT027	Polystyrene	Round 	100 x 16	12.0	1600
PTT030	Polystyrene	Conical 	105 x 16	12.0	2000
PTT038	Polystyrene	Round 	110 x 16	13.5	1000
PTT007	Polystyrene	Round 	150 x 16	19.0	1000
PTT350	Polypropylene	Round 	95 x 24.8	30.0	1000



# Plug Caps (For Plastic Rimless Test Tubes)

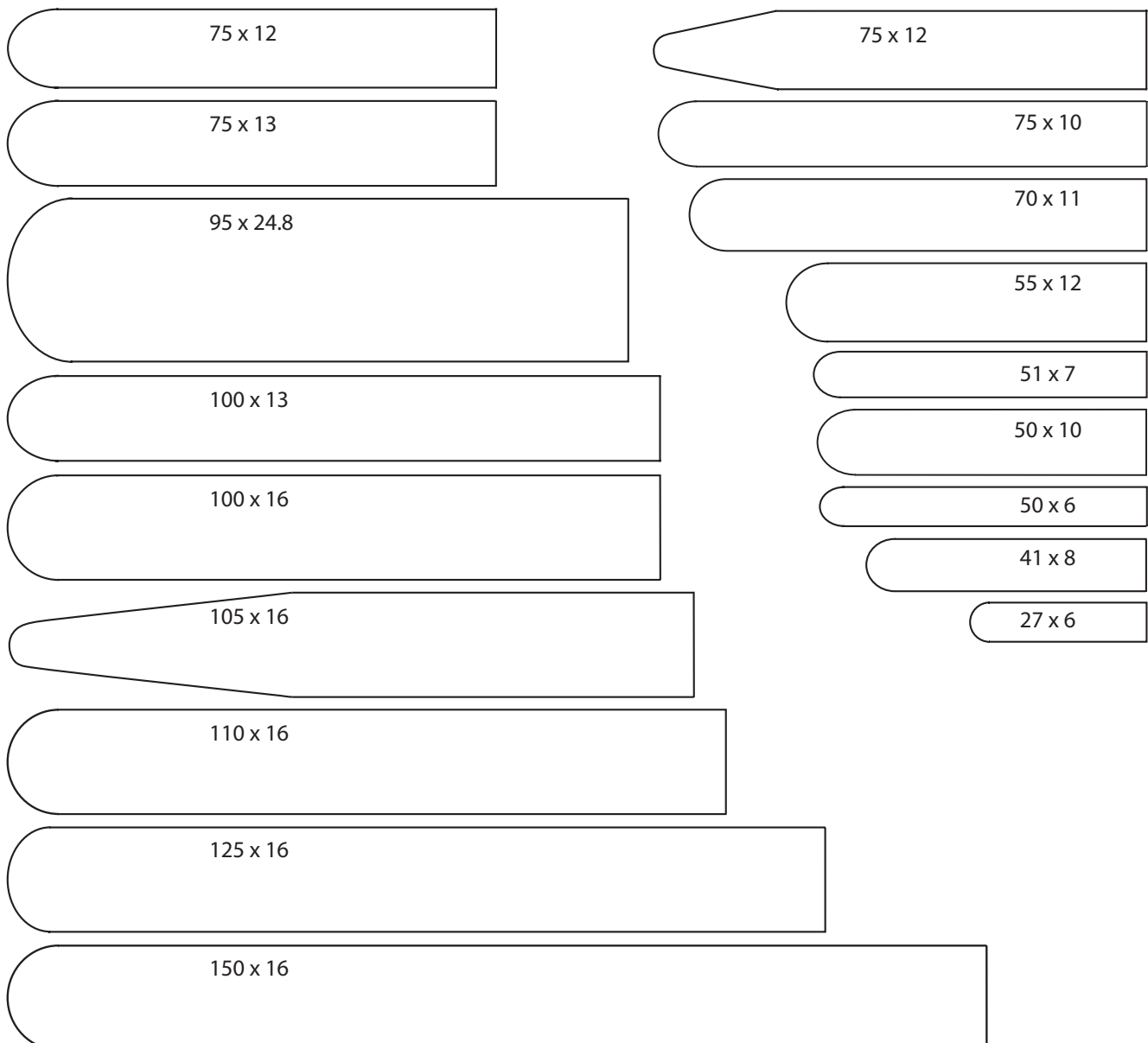


- A range of leak proof push in caps to fit plastic test tubes.
- These are our stocked items, other sizes and colours are available to special order.

Code	Description	Colour	Case Quantity
PTT062	Plug Cap to fit 12mm tube O.D.	○ Natural	3000
PTT049	Plug Cap to fit 12mm tube O.D.	● Blue	1000
PTT063	Plug Cap to fit 12mm tube O.D.	● Red	1000
PTT064	Plug Cap to fit 12mm tube O.D.	● Yellow	1000
PTT069	Plug Cap to fit 13mm tube O.D.	○ Natural	1000
PTT051	Plug Cap to fit 13mm tube O.D.	● Blue	2500
PTT070	Plug Cap to fit 16mm tube O.D.	○ Natural	1000

## Size Guide

Please contact us for exact dimensions and to arrange for us to send you some samples.



# Glass Test Tubes

## Glass Rimless Test Tubes

- A comprehensive range of high quality, disposable tubes in light walled soda or borosilicate glass.
- All tubes have smooth round bottoms, are fully annealed and have fire polished tops.
- All tubes are rimless.
- All tubes supplied in dispenser packs.
- Bespoke sizes available subject to minimum order requirements. Please contact us for details.



Code	Material	Size mm	Capacity - ml	Case Quantity
GTT033	Soda Glass	27 x 6	0.5	1000
GTT031	Soda Glass	51 x 7	1.0	1000
GTT014	Borosilicate Glass	75 x 10	3.0	1000
GTT011	Borosilicate Glass	75 x 12	5.0	1000
GTT006	Borosilicate Glass	100 x 13	9.0	1000
GTT004	Borosilicate Glass	100 x 16	12.0	1000
GTT019	Borosilicate Glass	125 x 16	16.0	1000
GTT037	Borosilicate Glass	150 x 16	20.0	1000

## Glass Narrow & Wide Neck Tubes 5 and 10ml Vials & Caps

☀ See page 5 for pre-capped and labelled versions of these products.



Code	Description	Case Quantity
CAP010	Cap for narrow neck glass vials	1000
CAP011	Cap for wide neck glass vials	1000

Code	Volume ml	Description/Neck Style	Material	Case Quantity
GBT052	5	Narrow. No cap	Soda	374
GBT038	5	Wide. No cap	Soda	294
GBT053	10	Narrow. No cap	Soda	516
GBT037	10	Wide. No cap	Soda	420

# Transport & Storage Vials & Caps

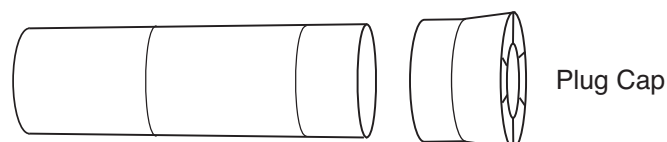
## Empty Tubes

- A range of screw capped 5 & 10ml transport vials available with or without labels.
- All vials are fitted with rigid screw caps for leak free specimen collection.
- Gamma irradiated (>25Kgy) or non-sterile
- CE marked in accordance with EU directive 98/79/EC.
- Leak tested to ISO 6710:2017.



Code	Volume ml	Anticoagulant	Colour Code	Label	Material	Gamma Irradiated	Case Qty
PBT081	5	Empty	○ White	✓	Polystyrene		1000
PBT128	5	Empty	○ White	✓	Polypropylene		1000
PBT199	5	Empty	○ White	✓	Polystyrene	✓	1000
PBT200	5	Empty	○ White	✓	Polypropylene	✓	1000
PBT166	5	Empty	○ White		Polystyrene		1000
PBT167	5	Empty	○ White		Polypropylene		1000
PBT084	5	Empty	○ White		Polystyrene	✓	1000
PBT201	5	Empty	○ White		Polypropylene	✓	1000
PBT082	10	Empty	○ White	✓	Polystyrene		500
PBT129	10	Empty	○ White	✓	Polypropylene		500
PBT202	10	Empty	○ White	✓	Polystyrene	✓	500
PBT203	10	Empty	○ White	✓	Polypropylene	✓	500
PBT168	10	Empty	○ White		Polystyrene		500
PBT169	10	Empty	○ White		Polypropylene		500
PBT204	10	Empty	○ White		Polystyrene	✓	500
PBT205	10	Empty	○ White		Polypropylene	✓	500

## 5ml Push Top Vial & Caps

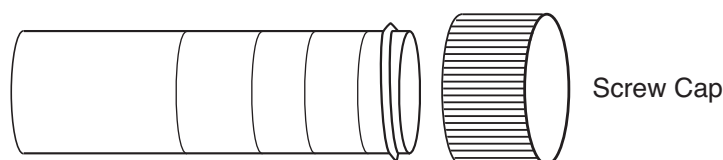


Code	Description	Material	Case Quantity
PBT070	5ml Push Top Vial.	Polypropylene	1000

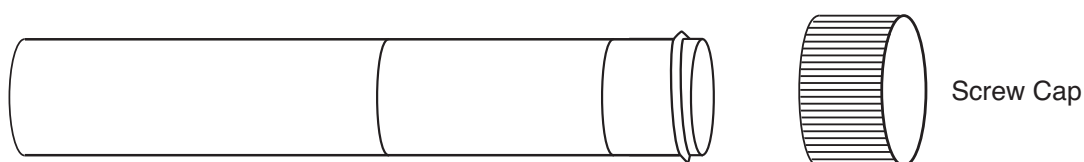
Code	Description	Colour	Case Quantity
PBT037	Push Top for 5ml Un-threaded Vial (PBT070)	Natural	1000

# Transport & Storage Vials & Caps

## 5 and 10ml Vials & Caps



Code	Description	Material	Case Quantity
PBT137	5ml Threaded Vial. No cap	Polystyrene	1200
PBT118	5ml Threaded Vial. No cap	Polypropylene	1000



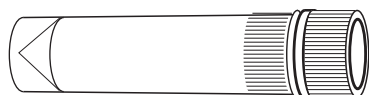
Code	Description	Material	Case Quantity
PBT183	10ml Threaded Vial. No cap.	Polypropylene	500
PBT188	10ml Threaded Vial. No cap.	Polystyrene.	500

Code	Description	Colour	Case Quantity
PBT175	18mm Rigid Screw Cap	○ White	1000
PBT176	18mm Rigid Screw Cap	● Green	1000
PBT177	18mm Rigid Screw Cap	● Orange	1000
PBT178	18mm Rigid Screw Cap	● Pink	1000
PBT179	18mm Rigid Screw Cap	● Yellow	1000
PBT181	18mm Rigid Screw Cap	● Mauve	1000
PBT182	18mm Rigid Screw Cap	● Red	1000
PBT184	18mm Rigid Screw Cap	● Purple	1000

# Transport & Storage Vials & Caps

## 2ml Vials & Caps

Screw Cap with O ring



### Assembled Products

Code	Description	Material	Case Quantity
PAED07B	2ml Vial. O Ring Cap. No Label	Polypropylene	1000
PAED07	2ml Vial. Economy Cap. No Label	Polypropylene	1000
PAED08B	2ml Vial. O Ring Cap. Patient Label	Polypropylene	1000
PAED08	2ml Vial. Economy Cap. Patient Label	Polypropylene	1000

### Unassembled Products

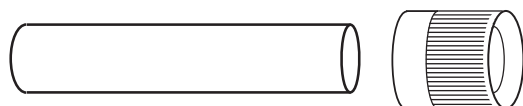
Code	Description	Material	Case Quantity
PAED03	2ml Threaded Vial. No Cap (for O Ring Cap)	Polypropylene	1000
PAED500	2ml Threaded Vial. No Cap (for Economy Cap)	Polypropylene	1000

### Screw Cap with O Ring Seal (For PAED03 Tubes)

Colour	Code	Case Quantity
	PAED38	1000
	PAED39	1000
	PAED40	1000
	PAED57	1000
	PAED58	1000
	PAED59	1000
	PAED60	1000
	PAED61	1000

### Economy Screw Cap with Moulded Seal (For PAED500 Tubes)

Colour	Code	Case Quantity
	PAED120	1000
	PAED121	1000
	PAED122	1000
	PAED123	1000
	PAED124	1000
	PAED125	1000
	PAED126	1000
	PAED127	1000



Push Cap

Code	Description	Material	Case Quantity
PBT060	2ml Push Top Vial. No Cap.	Polystyrene	1000
PBT057	2ml Push Top Vial. No Cap.	Polypropylene	1000

Code	Description	Colour	Case Quantity
PBT061	Push Cap for 2ml Push Top Vial	White	1000
PBT185	Push Cap for 2ml Push Top Vial	Yellow	1000
PBT187	Push Cap for 2ml Push Top Vial	Pink	1000

# Centrifuge Tubes

- These multipurpose tubes have a wide variety of transport, analysis and storage uses.
- Conical or Round Base with screw caps.
- 12ml tubes can be labelled if required.



Code	Description	Sterile	Material	RCF	Quantity
CTT009	12ml Round Base Tube 100 x 16.3mm		Polypropylene	2800 x g	1000
CTT010	12ml Round Base Tube 100 x 16.3mm	✓	Polypropylene	2800 x g	1000
CTT011	12ml Round Base Tube 100 x 16mm		Polystyrene	1600 x g	500
CTT012	12ml Round Base Tube 100 x 16mm	✓	Polystyrene	1600 x g	500

Code	Description	Sterile	Material	RCF	Quantity
CTT026	15ml Centrifuge Tube. Printed Graduations	✓	Polypropylene	6000 x g	500
CTT029	15ml Centrifuge Tube. Printed Graduations	✓	Polystyrene	2000 x g	500

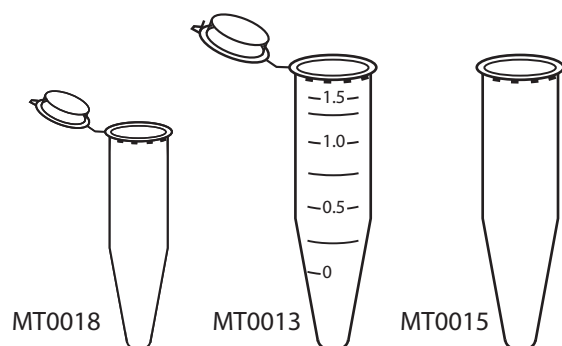
  

CTT038	50ml Centrifuge Tube. Printed Graduations	✓	Polypropylene	9400 x g	500
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# Micro-Centrifuge Tubes

## Flip Top Micro-Centrifuge Tubes

- A range of high quality micro-centrifuge tubes with click-fit caps.



Code	Description	Material	Case Quantity
MT0018	0.5ml Micro-centrifuge Tube	Polypropylene	1000
MT0013	1.5ml Micro-centrifuge Tube	Polypropylene	1000
MT0015	1.5ml Micro-centrifuge Tube. No Cap	Polypropylene	1000

# Scintillation Vials and Inserts

- Polypropylene or borosilicate glass.
- Polypropylene vials feature one piece bore seal cap and consistent wall thickness.
- Borosilicate glass vials feature rigid foil lined caps for high reflection.
- Glass scintillation vials are manufactured using special glass to ensure low background counts.
- Superior quality screw capped insert vials are also available.



Code	Description	Case Quantity
SV0010	Plastic Scintillation Vial	1000
SV0012	Glass Scintillation Vial. Low Count	500
SV0001	Scintillation Vial Insert Tube. Screw Cap	1000
SV0013	Spare Cap for Glass Scintillation Vials	1000

# Cuvettes and Cell Counting Vials

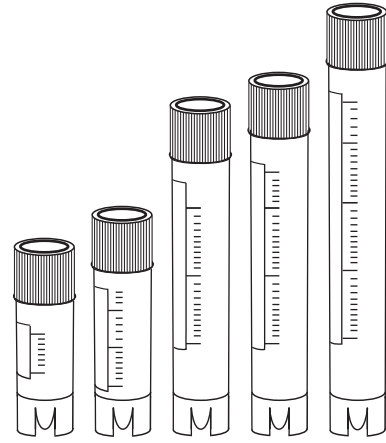
- 10mm light path cuvettes moulded in blemish free polystyrene giving uninterrupted light paths. Applicable wavelength range 340 to 900 nm.
- Macro or half micro sizes available.
- Each case is carefully packed from the same mould cavity thus ensuring a consistent wall thickness and very low variation of extinction values.
- Robotic handling ensures scratch free surfaces.
- Supplied in shrink wrapped rigid foam trays of 100 pieces for dust free storage and ease of transport.
- Counting vials for use with automatic blood cell counting machines.



Code	Description	Case Quantity
MT0006	Macro Cuvettes 4ml Volume	1000
MT0010	Half Micro Cuvettes 1.6ml Volume	1000
MT0004	Square Based Cell Counting Vial. Bulk Packed	1000
MT0003	Square Based Cell Counting Vial. Tray Packed	1000

# Cryo Vials

- Self standing skirted vial.
- Leak free closure with self sealing cap.
- External screw thread.
- Suitable for applications to -190°C in the gaseous phase of liquid nitrogen or in freezers.
- DNase and RNase free, pyrogen free.
- White write on area.



Code	Description	Case Quantity
CRY011	1.2ml Cryo Vial. Graduated. Sterile	100
CRY012	2.0ml Cryo Vial. Graduated. Sterile	100
CRY013	3.0ml Cryo Vial. Graduated. Sterile	100
CRY014	4.0ml Cryo Vial. Graduated. Sterile	100
CRY015	5.0ml Cryo Vial. Graduated. Sterile	100

# Disposable Glass Bottles



- 30ml Glass universals and 7ml glass bijoux.
- These media bottles are fitted with autoclavable polypropylene screw caps.
- Available gamma irradiated or non-sterile.

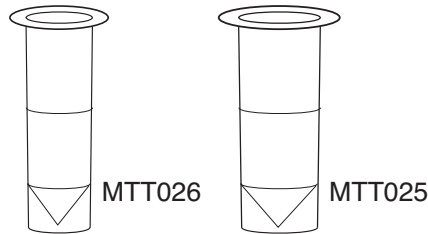
Code	Description	Gamma Irradiated	Case Quantity
GMT009	Glass Bijou. Unlabelled. Non-Sterile 7ml		1000
GMT011	Glass Bijou. Unlabelled. 7ml	✓	1000
GMT012	Glass Bijou. Unlabelled, with Separate Caps 7ml		1000
GMT001	Glass Universal. Unlabelled. Non-Sterile 30ml		375
GMT003	Glass Universal. Unlabelled. 30ml	✓	375
GMT002	Glass Universal. Labelled. Non-Sterile 30ml		375
GMT004	Glass Universal. Labelled. 30ml	✓	375
GMT005	Glass Universal. Unlabelled, with Separate Caps 30ml		250



# Insert Tubes and Re-Caps for Evacuated Blood Tubes

## Ezee Nest® Cups

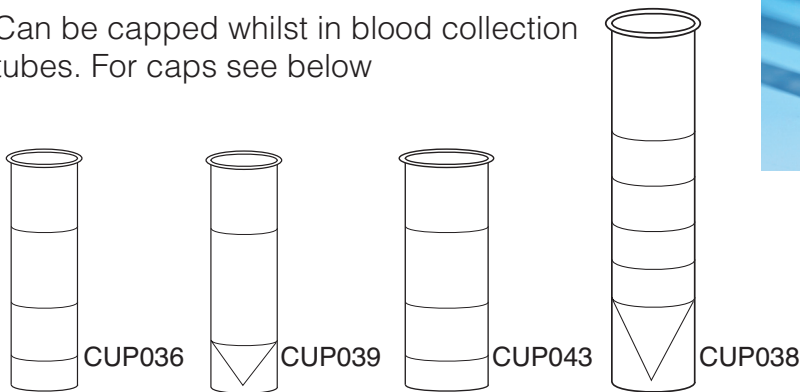
- Designed for insertion into evacuated blood collection tubes.



Code	Description	Case Quantity
MTT026	Cup for 13mm tube	1000
MTT025	Cup for 16mm tube	1000

## Insert Tubes

- Designed for insertion into evacuated blood collection tubes.
- Can be capped whilst in blood collection tubes. For caps see below



Code	Description	Case Quantity
CUP036	1.5ml Insert for 12/13mm tube	4000
CUP039	1.5ml Insert for 12/13mm tube, Conical base	4000
CUP043	1.5ml Insert for 16mm tube	3000
CUP038	3ml Insert for 16mm tube, Conical base	1500

## Re-Caps - For Vacuum Blood Tubes

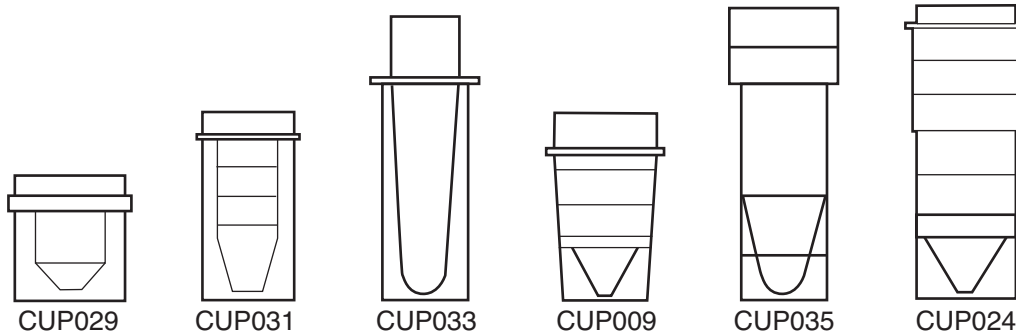
- Manufactured from soft material for an easy push on action.
- Double sealing rings for leak resistant closing.
- Other colours available on request.



Code	Description	Case Quantity
CAP042	Caps for 12/13mm Vacuum Tube & Insert	1000
CAP043	Caps for 16mm Vacuum Tube & Insert	1000

# Sample Cups

- Designed for use with most brands of chemical analysers.
- Precision moulded in crystal clear polystyrene.



Code	Description	Case Quantity
CUP029	0.25ml Micro Sample Cup (To Fit Centrifichem®)	1000
CUP031	0.5ml Micro Sample Cup (To Fit Gemsaec®)	1000
CUP033	0.5ml Micro Sample Cup (To Fit Hitachi®)	1000
CUP009	2ml Conical Sample Cup (To Fit Technicon®)	1000
CUP035	Sample Cup (To Fit Hitachi®)	1000
CUP024	4.5ml Conical Sample Cup (To Fit Technicon®)	1000

## Sample Cups for Cobas

- Attached Cap with vent ensures reliable fit.
- High Density polyethylene.
- Available in a wide range of colours to order.



Code	Description	Colour	Case Quantity
CUP041	Sample Cup	○ Natural	1000
CUP040	Sample Cup	● Blue	1000

## Caps for Sample Cups

- Suitable for use with codes CUP029, CUP031, CUP009 and CUP024.
- Soft upper surface for ease of piercing.
- Other colours available to special order.

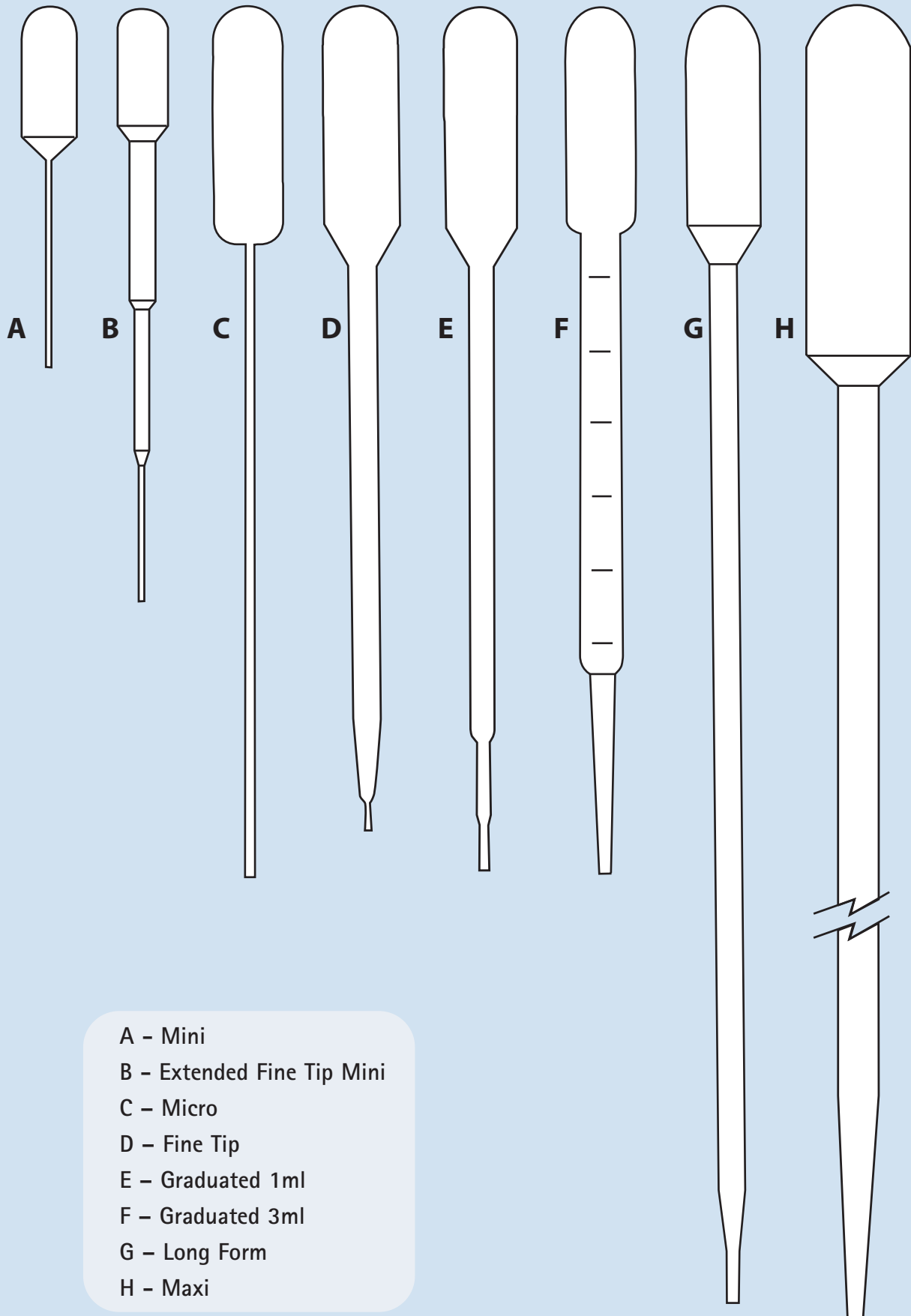


Code	Description	Colour	Case Quantity
CUP017	Caps for Sample Cup	○ Natural	1000
CUP018	Caps for Sample Cup	● Blue	1000
CUP020	Caps for Sample Cup	● Red	1000

# Liquid Handling



# Plastic Transfer Pipettes



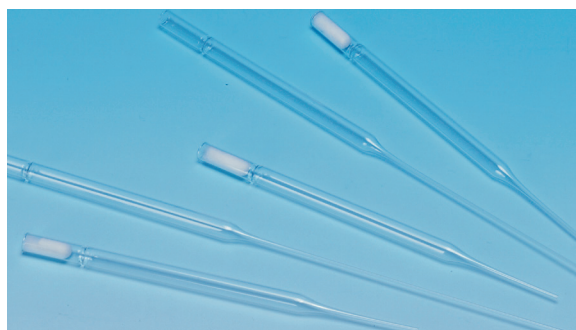
# Plastic Transfer Pipettes

- The safe method for liquid transfer and storage.
- Single squeeze pipette filling.
- A range of pipette sizes.
- Available non sterile or sterile.
- Apertures may be heat sealed for sample storage.
- A range of sizes are available for a multitude of applications.
- Made from premium grade Low Density Polyethylene which has good chemical resistance.
- Low surface wettability plastic used for superior performance.

Code	Description	Picture	Bulb Draw ml	Nominal Drop Size $\mu$ l	Sterile	Inner Pack Quantity	Case Quantity
TP0028	Mini	A	0.9	40		500	500
TP0003	Extended Fine Tip	B	1.0	20		500	500
TP0014	Micro	C	3.5	40		500	500
TP0022	Micro	C	3.5	40	✓	10	500
TP0025	Micro	C	3.5	40	✓	1	500
TP0007	Graduated to 1ml	E	3.5	40		500	500
TP0021	Graduated to 1ml	E	3.5	40	✓	10	500
TP0008	Graduated to 1ml	E	3.5	40	✓	1	500
TP0001	Fine Tip	D	3.5	20		500	500
TP0020	Fine Tip	D	3.5	20	✓	10	500
TP0024	Fine Tip	D	3.5	20	✓	1	500
TP0002	Graduated to 3ml	F	3.5	45		500	500
TP0019	Graduated to 3ml	F	3.5	45	✓	10	500
TP0009	Graduated to 3ml	F	3.5	45	✓	1	500
TP0005	Long Form	G	3.5	40		400	400
TP0023	Long Form	G	3.5	40	✓	10	500
TP0010	Long Form	G	3.5	40	✓	1	500
TP0031	Maxi	H	10	45		100	100

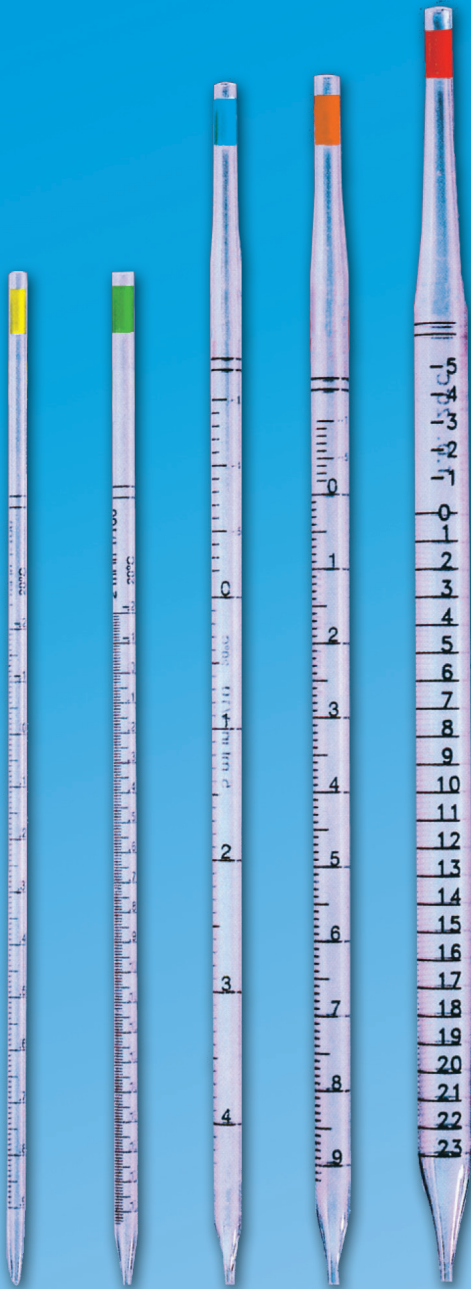
# Glass Transfer Pipettes

- Precision made heavy walled glass Pasteur Pipette with smooth barrel ends and uniform tips.
- Available either plain or plugged.
- Packed in dispenser boxes of 250.

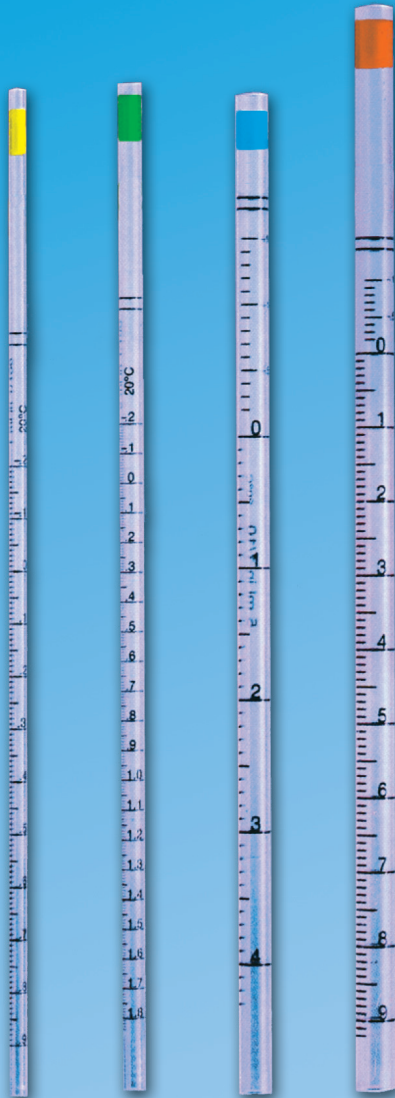


Code	Length mm	Plugged	Inner Box Quantity	Case Quantity
GP0001	150		250	1000
GP0003	150	✓	250	1000
GP0006	230		250	1000
GP0008	230	✓	250	1000

# Sterile single use plastic pipettes



# Sterile single use plastic pipettes open end



# Serological Pipettes

A comprehensive range of disposable serological pipettes ranging in size from 1ml through to 25ml.

- Available as single wrap (in convenient peel pouches) or in bulk packs.
- Non-pyrogenic and sterile (irradiated).
- Uniformly pulled tips are smooth and weld line free preventing hang up of the sample
- Patented colour coded wadding for ease of recognition.
- Pipettes feature useful negative over-graduations.

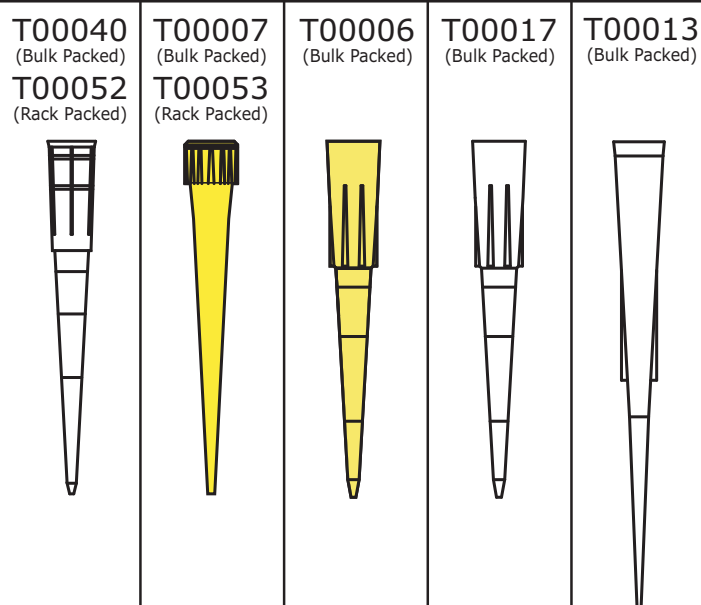
Code	Volume ml	Colour	Gamma Irradiated	Inner Pack Quantity	Case Quantity	TIP
PIP003	1	● Yellow	✓	1	1000	Tapered
PIP002	1	● Yellow	✓	25	1000	Tapered
PIP004	1	● Yellow	✓	25	1000	Open End
PIP022	2	● Green	✓	1	1000	Tapered
PIP023	2	● Green	✓	25	1000	Tapered
PIP024	2	● Green	✓	25	1000	Open End
PIP052	5	● Blue	✓	1	200	Tapered
PIP053	5	● Blue	✓	25	500	Tapered
PIP054	5	● Blue	✓	25	375	Open End
PIP059	10	● Orange	✓	1	200	Tapered
PIP058	10	● Orange	✓	25	500	Tapered
PIP060	10	● Orange	✓	25	250	Open End
PIP062	25	● Red	✓	1	200	Tapered

## Bulk Packed Tips

Code	Max Volume $\mu$ l	Colour	Case Quantity
T00038	200	White	400
T00013	200	White	1000
T00007	200	Yellow	1000
T00006	200	Lemon	1000
T00017	200	White	1000
T00040	250	White	1000
T00020	500	White	1000
T00015	1000	White	1000
T00010	1000	Blue	1000
T00002	2500	White	1000
T00056	5000	White	1000
T00057	5000	White	1000
T00065	10000	White	100

## Rack Packed Tips


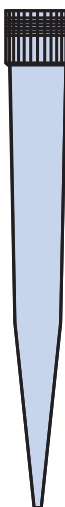



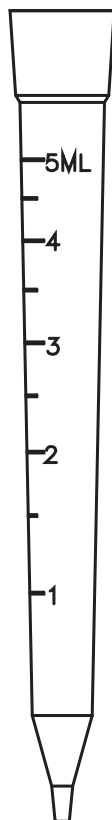
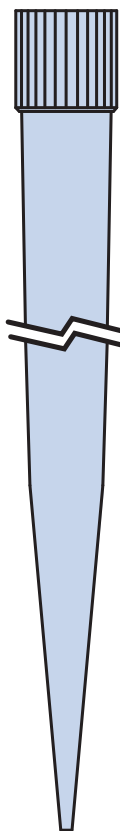
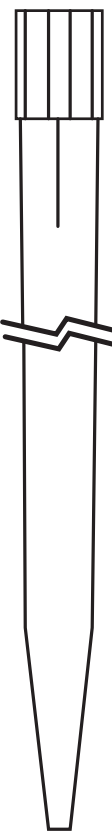
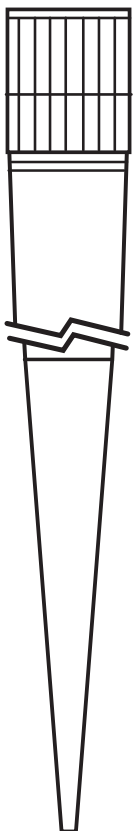
Code	Max Volume $\mu$ l	Colour	Case Qty	Rack Qty
T00075	200	Yellow	960	192
T00050	200	White	960	192
T00052	200	White	960	192
T00054	1000	Blue	600	60



## COMPATIBILITY CHART

	250 $\mu$ l	200 $\mu$ l	200 $\mu$ l	200 $\mu$	200 $\mu$
MLA <sup>®</sup>				✓	
Gilson <sup>®</sup>	✓	✓	✓	✓	
Eppendorf <sup>®</sup>		✓	✓	✓	
Biohit <sup>®</sup> Proline		✓	✓	✓	
Excelpette <sup>®</sup>			✓	✓	
Socorex <sup>®</sup>		✓	✓	✓	
Finnpipette <sup>®</sup>		✓	✓	✓	
Volac <sup>®</sup>			✓	✓	
Titertek <sup>®</sup>			✓	✓	
Sealpette <sup>®</sup>			✓	✓	
Exelpette <sup>®</sup> Multichannel			✓	✓	
Costar <sup>®</sup>				✓	
Finnpipette <sup>®</sup> Multichannel				✓	
Oxford <sup>®</sup> Slim					✓
Brand <sup>®</sup>		✓			
Oxford <sup>®</sup> Original					
Oxford <sup>®</sup> Lancer/Beckman <sup>®</sup>					





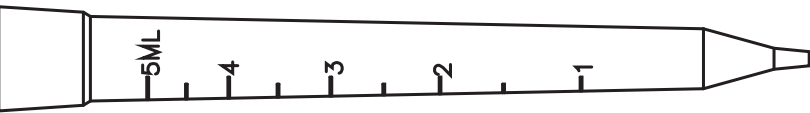
T00020 (Bulk Packed)	T00010B (Bulk Packed) T00054 (Rack Packed)	T00015 (Bulk Packed)	T00038 (Bulk Packed) T00050 (Rack Packed)	T00002 (Bulk Packed)	T00056G (Bulk Packed)	T00064 (Bulk Packed)	T00057B (Bulk Packed)	T00065 (Bulk Packed)
								
500µl	1000µl	1000µl	200µl	2500µl	5000µl	5000µl	5000µl	10000µl
✓						✓	✓	
	✓		✓	✓	✓			
				✓	✓		✓	
	✓		✓				✓	✓
					✓			
		✓			✓			
					✓			
✓								

## Gamma Irradiated Tips

Individually wrapped & Gamma Irradiated tips			
Code	Max Volume $\mu$ l	Colour	Case Qty
T00062	200	Yellow	1000
T00061	1000	Blue	1000
T00063	5000	White	1000

Code	Max Volume $\mu$ l	Colour	Case Qty
T00062	200	Yellow	1000
T00061	1000	Blue	1000
T00063	5000	White	1000

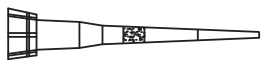
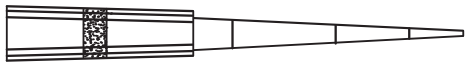

T00062		200 $\mu$ l	✓		
T00061		1000 $\mu$ l	✓	✓	
T00063		5000 $\mu$ l	✓	✓	✓

### COMPATIBILITY CHART

Gilson <sup>®</sup>	✓	✓	✓	✓	✓
Eppendorf <sup>®</sup>	✓	✓			
Biohit <sup>®</sup> Proline	✓				
Socorex <sup>®</sup>	✓				
Finnpipette <sup>®</sup>	✓	✓			
Volac <sup>®</sup>					✓
Oxford <sup>®</sup> Slim					✓
Oxford <sup>®</sup> Original					✓

## FILTER TIPS

Rack Packed Filter Tips			
Code	Max Volume $\mu$ l	Colour	Case Qty
FT0015	10	White	960
FT0150	200	White	960
FT1010	1000	White	1000

FT0015		10 microlitres	✓		
FT0150		200 microlitres		✓	✓
FT1000		1000 microlitres		✓	✓

COMPATIBILITY CHART	
Gilson <sup>®</sup> Pipetman P2	✓
Gilson <sup>®</sup> Pipetman P1000	
Eppendorf <sup>®</sup>	✓
Exelpette <sup>®</sup>	✓
Biohit <sup>®</sup>	✓
Finnpipette <sup>®</sup>	
MLA <sup>®</sup>	✓
Oxford <sup>®</sup>	✓
Socorex <sup>®</sup>	✓
Brand <sup>®</sup>	✓

# Weigh Boats



# Anti-static Weigh Boats

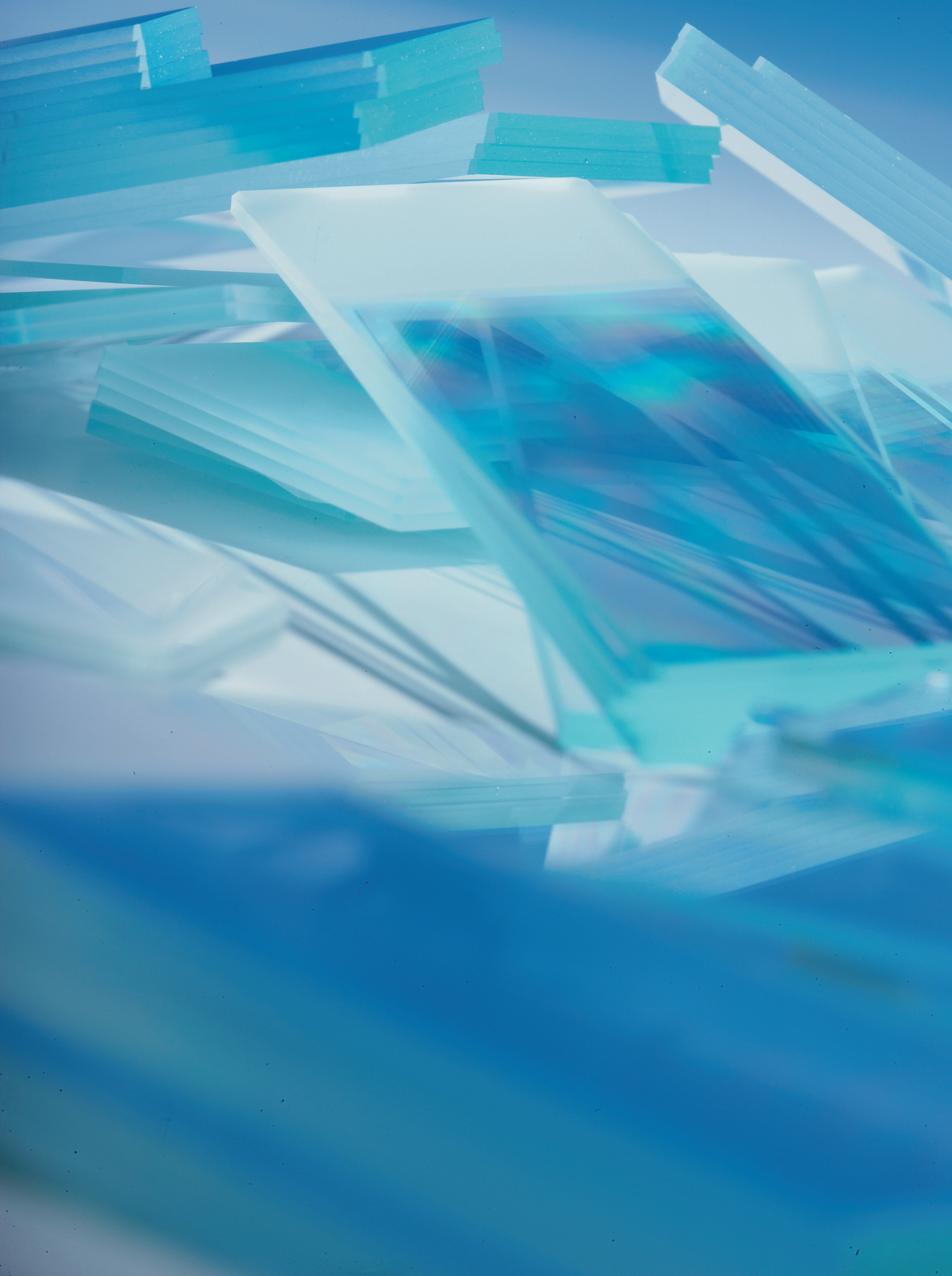
## Standard

- A full range of disposable weigh boats in white or black.
- Manufactured from semi-rigid plastic, non wettable with smooth surface and rounded corners.
- All boats are flat bottomed with wide rims.
- Inner packs of 250
- Anti-static treatment minimises powder hang-up.
- If you do not see the product that you are looking for then please contact us and we will endeavour to make it for you.



Code	Volume ml	Style	Colour	Case Quantity
WB0004	5ml	Diamond 	Black	1000
WB0003	5ml	Diamond 	White	1000
WB0002	7ml	Square 	Black	1000
WB0001	7ml	Square 	White	1000
WB0032	30ml	Diamond 	Black	500
WB0031	30ml	Diamond 	White	500
WB0030	100ml	Square 	Black	1000
WB0029	100ml	Square 	White	1000
WB0058	100ml	Diamond 	Black	250
WB0057	100ml	Diamond 	White	250
WB0056	250ml	Square 	Black	1000
WB0055	250ml	Square 	White	1000

# Microscope Slides



# Microscope Slides & Coverslips

## Knittel Glass Microscope Slides

- Pre-cleaned.
- Precision ground edges.
- Conveniently packed in boxes of 50 slides.
- Also available with coloured frosting.



Code	Description	Case Quantity
MS0036	Microscope Slide. Plain. Ground Edge. 45° Corner	50
MS0037	Microscope Slide. Twin Frosted. Ground Edge. 45° Corner	50
MS0057	Microscope Slide. White Colour Frosted. Ground Edge. 45° Corner	50
MS0029	Microscope Slide. Frosted. Bevelled Edge. 45° Corner	50

## Knittel Glass Coverslips

Code	Description	Case Quantity
MS0009	Coverslip 15 x 15mm. No. 1	1000
MS0010	Coverslip 18 x 18mm. No. 1	1000
MS0011	Coverslip 22 x 22mm. No. 1	1000
MS0012	Coverslip 21 x 26mm. No. 1	1000
MS0013	Coverslip 22 x 32mm. No. 1	1000
MS0014	Coverslip 22 x 40mm. No. 1	1000
MS0015	Coverslip 22 x 50mm. No. 1	1000
MS0016	Coverslip 24 x 60mm. No. 1	1000
MS0017	Coverslip 22 x 64mm. No. 1	1000

- Packed in plastic boxes of 100.
- Also available in No. 1.5 and No. 2 sizes.
- Circular coverslips are available to order.

## Economy Microscope Slides

- Pre-cleaned.
- Ground and polished edges.
- Packed in boxes of 50 and cellophane wrapped.

Code	Description	Case Qty
MS0002	Microscope Slide. Plain. Ground Edge. 45° Corner	50
MS0007	Microscope Slide. Twin Frosted. Ground Edge. 45° Corner	50



## Accessories

Code	Description	Case Quantity
MS0021	Plastic Mailing Tube for 2 Microscope Slides	1
MS0045	Plastic Mailing Tube for 5 Microscope Slides	1
IMOIL	Immersion Oil	1



# Mailing Tubes and Transport Bags



# Mailing Tubes and Transport Bags

## 95 kPa Mailing Tubes & Mailing Bags

- Made from tough, semi-clear plastic.
- Designed to carry a range of primary sample bottles.
- Absorbent material sufficient to absorb a complete spillage of the primary sample bottle.
- Designed to fit through most standard letter boxes.
- Ideal for use with UN3373 Mailing Bags (BAG001 & BAG009).



Mailing tubes tested to 95kPa for compatibility with **all** primary sample tubes.

Code	Description	Case Quantity
MAILT67	Mailing Container for Tubes up to 85mm tall (i.e. 5ml Vacuum Tubes) with Absorbent Pad & Screw Cap	1000*
MAILT68	Mailing Tube 110 x 24mm with Absorbent Pad & Screw Cap	250*
MAILT02	Mailing Tube 100 x 40mm for 30ml Universal Containers with Absorbent Pad & Screw Cap	250*
MAILT03	As above with 30ml Universal included	250*
MAILT66	Mailing Tube 110 x 24mm with Absorbent Pad & Screw Cap	250*
MAILT123	Mailing Tube 79 x 45mm for ISS 60ml Container with Absorbent Pad & Screw Cap	160*
BAG001	Mailing Bag Marked UN3373, Green and White	1000*
BAG009	Mailing Bag Marked UN3373, Black and White	1000*

## 95 kPa Specimen Transport Bags & Boxes

- Self-seal Specimen Transport Bags, leak tested to 95 kPa.
- Boxes, labels and absorbent materials available for compliance with packaging instruction P650.
- Please contact us for advice if you are unsure of the regulatory requirements.

Code	Description	Case Quantity
BAG95A5	95 kPa Specimen Transport Bag A5	25*
ABS001	Absorbent Pad 120 x 75mm (25mls)	25*
BOX199	Mailing Box 175 x 130 x 20mm**	25*
LAB100	UN3373 Address Label	25*



\*Smaller case quantity available upon request.

\*\*Other sizes of box available to order.



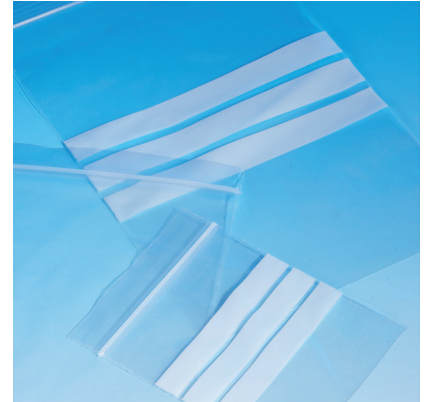
# Bags and Bins



# Bags / Self Seal

## Minigrip® Bags, Plain & Write On

- High quality resealable bags with or without write on surface.



Plain Minigrip® Bag	Write on Minigrip® Bag	Dimensions mm	Case Quantity
MGB001	MGB014	40 x 65	1000
MGB002	MGB015	60 x 60	1000
MGB003	MGB016	75 x 85	1000
MGB004	MGB017	90 x 115	1000
MGB005	MGB018	115 x 115	1000
MGB006	MGB019	100 x 140	1000
MGB007	MGB020	140 x 140	1000
MGB008	MGB021	75 x 190	1000
MGB009	MGB022	125 x 190	1000
MGB010	MGB023	190 x 190	1000
MGB011	MGB024	150 x 230	1000
MGB012	MGB025	205 x 280	1000
MGB036	MGB040	230 x 325	1000
MGB044	MGB051	255 x 355	1000
MGB045	-	280 x 405	1000

## Bags / Self Seal with Document Pouch

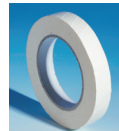
- Specimen bags with separate document pouch with or without biohazard marking.



Code	Description	Bag Dimensions mm	Pouch Dimensions mm	Case Quantity
MGB026	Specimen Bag Plain	125 x 140	200	1000
MGB038	Specimen Bag Biohazard	125 x 140	200	1000
MGB039	Specimen Bag Plain	140 x 140	200	1000
MGB027	Specimen Bag Biohazard	140 x 140	200	1000
MGB028	Specimen Bag Plain	150 x 140	200	1000
MGB029	Specimen Bag Biohazard	150 x 140	200	1000
MGB050	Specimen Bag Biohazard	250 x 300	250	1000
MGB052	Specimen Bag Biohazard	150 x 254	242	500

# Autoclave Bags

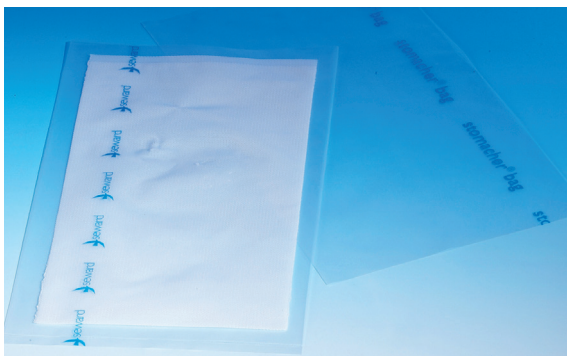
- High temperature resistance.
- Bags carry hazard warnings.
- Manufactured from heavy gauge polypropylene for superior performance.
- Autoclavable to 145 degrees centigrade.



Code	Description	Dimensions mm	Case Quantity
ACB001	Autoclave Bag. Small	310 x 662	200
ACB003	Autoclave Bag. Medium	413 x 596	200
ACB005	Autoclave Bag. Large	608 x 816	200

ACT001	Autoclave Tape. 50 metre roll	19mm x 50m	1
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# Homogeniser Bags



- Sterile homogenizer bags for use with the models listed below.

Code	Description	Dimensions mm	Case Quantity
HMB005	Plain Bag for 80ml Model. Inner Sleeves of 50	152 x 101	2000
HMB003	Plain Bag for 400ml Model. Inner Sleeves of 50	305 x 184	500
HMB004	Curved Bag for 400ml Model. Inner Sleeves of 50	305 x 184	500
HMB007	Twist Seal Bag for 400ml Model. Inner Sleeves of 10	305 x 184	250
HMB008	Strainer Bag for 400ml Model. Inner Sleeves of 10	305 x 184	200
HMB009	Plain Bag for 3500ml Model. Inner Sleeves of 50	515 x 380	250
SS0001	Sampling Straw	175 x 4.75	2000

# Sweetie Jars

- Blow moulded, clear sweetie jars.
- For the containment of soft and non-liquid waste prior to safe disposal.



Code	Description	Capacity	Quantity
SWE003	Small Sweetie Jar	2.5 litres	1
SWE002	Large Sweetie Jar	4.5 litres	1

# Sharps Bin

- Please call our office for technical specification and extended range.

Code	Description	Quantity
BIN001	4 litre Sharps Bin	1



# Warning Tapes

- Self adhesive tape sold in 66m rolls, pre-printed with either 'Danger Of Infection' or 'Pathological Specimen - Fragile Handle With Care'.



Code	Description	Dimensions	Case Quantity
TAPE01	Pathological Specimen - Fragile Handle With Care Tape	25mm x 66m	1 Roll
TAPE02	Danger of Infection Tape. Black on Yellow plus symbol	25mm x 66m	1 Roll



# Swabs

## Culture Swabs

- Wide range of culture swabs available with a choice of materials for the swab shaft.
- CE marked as Class IIa under the Medical Device Directive 93/42/EEC.
- Gamma irradiated.
- Round bottomed tubes for ease of racking.
- Please call if you require a product not shown on these pages, as this only represents a part of the available range.



Code	Description	Case Quantity
SV0015	Culture Swab Plain. Wooden shaft. Single in a tube.	500
SV0018	Culture Swab Plain with Viscose Tip & Polystyrene Shaft. Single in a tube.	500
SV0029	Albu coated Culture Swab Plastic Shaft. Single in a tube.	500
SV0018TS17A	Culture Swab. Viscose Tip. Polypropylene Shaft. Single in a tube.	500
SV0049	Culture Swab with Woodstick. Alginate Tip. Single in a tube.	100
SV0054	Culture Swab. Polystyrene breakable shaft. Polyester tip. Single in a tube	500

## Transport Swabs

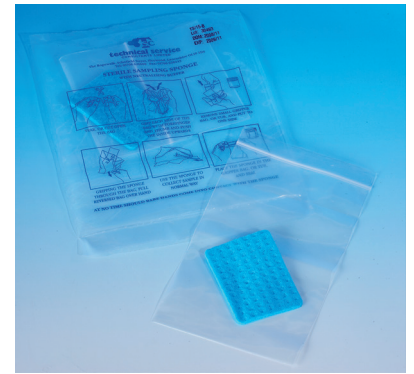
- Choice of Amies Transport Media and other formulations.
- Colour coded capped swabs with a round bottom tube containing transport media. In a peel pouch.
- CE marked as Class IIa under the Medical Device Directive 93/42/EEC.
- Gamma irradiated.
- Please call if you require a product not shown on these pages, as this only represents a part of the available range.



Code	Description	Qty
SV0021	Swab with Amies Transport Medium. Polystyrene shaft. Viscose tip.	100
SV0023	Swab with Amies Charcoal Transport Medium. Polystyrene shaft. Viscose tip.	100
SV0017T	Mini Tip Swab with Amies Transport Medium. Aluminium shaft. Cotton tip.	100
SV0017TC	Mini Tip Swab with Amies Charcoal Transport Medium. Aluminium shaft. Cotton tip.	100
SV0040	Mini Tip Swab with Amies Charcoal Transport Medium. Plasticised Paper shaft. Cotton Tip.	100

# Enviroscreen Swab / Sampling Kit

- A range of environmental and hygiene sampling products.



Code	Description	Quantity
SV0020	5ml Neutralising Buffer. Viscose Tip Swab. Blue polystyrene shaft.	100
SV0048	50mm <sup>2</sup> Blue Sponge with Neutralising Buffer in Minigrip Bag	150
SV0041	Dry swab. Blue Polystyrene shaft. Break point at 45mm. Viscose tip. In a tube.	500
SV0033	10ml Neutralising Buffer. Polyester Tip. Polystyrene shaft.	100
SV0063	Pre-Moistened Swab in Neutralising Buffer. Viscose Tip. Blue polystyrene Breakable shaft.	100
SV0064	Liquid MRD Recovery Medium Swab. Viscose Tip.	100
SV0065	Dry Swab. 12" Shaft. Plastic Blue Jumbo Foam Tip. In a tube.	100
SV0066	Dry Swab. Blue Polystyrene Breakable Shaft. Viscose Tip.	1000
SV0072	50cm <sup>2</sup> Sponge with Neutralising Buffer with 100ml Plastic Container and Sterile glove.	74
SV0046	Envirostik (2 x 25cm <sup>2</sup> Sponge on Stick) with Neutralising Buffer and Medical Grade Bag.	100
SV0068	50cm <sup>2</sup> Sponge dosed with Saline (0.9% NaCl) and enclosed Minigrip Sample Bag.	150
SV0070	50cm <sup>2</sup> Sponge dosed with Buffered Peptone Water and enclosed Minigrip Sample Bag.	150
SV0071	Swab Kit for the Detection of Pathogenic Listeria. Liquid Media in polypropylene Tube	
	Breakpoint Foam Swab Kit	81

# Plating Swabs

- Sterilised, wooden stick plating swabs in a variety of inner pack sizes. For laboratory applications.



Code	Description	Case Quantity
SV0026	Plating Swab. Single Wrapped	1000
SV0016	Plating Swab. Inner pack of 5	1000
SV0024	Plating Swab. Inner pack of 25	1000
SV0014	Plating Swab. Inner pack of 100 (Minigrip Bag)	5000
SV0051	Wooden Applicators 'Orange Sticks'.	1000

# Loops and Spreaders

## Disposable Microbiological Loops & Spreaders

- Available in bags of 20 in the popular sizes of 1µl, 5µl and 10µl.
- A high precision moulding process produces consistent volumes (certificates on request).
- Mould cavities are highly polished to produce super smooth mouldings.
- Also available are needles (for colony picking) and spreaders.
- Gamma irradiated.
- Other sizes are available on request.



Code	Description	Case Quantity
LOOP01	1µl Loop. Sterile. Inner Sleeve of 20. Clear. Rigid.	1000
LOOP07	1µl Loop. Sterile. Inner Sleeve of 20. Yellow. Soft.	1000
LOOP02	5µl Loop. Sterile. Inner Sleeve of 20. Red. Soft.	1000
LOOP03	10µl Loop. Sterile. Inner Sleeve of 20. Green. Rigid.	1000
LOOP06	10µl Loop. Sterile. Inner Sleeve of 20. White. Soft.	1000
NDL001	Inoculating Needle. Sterile. Inner Sleeve of 20. Rigid.	1000
SPRD01	Spreader. Sterile. Inner Sleeve of 25	1000
SPRD04	Spreader. Sterile. Inner Sleeve of 5	1000

\* Individually wrapped and sterilised or alternative packs sizes are available to order.



# Petri Dishes, Microtitration Trays



# Petri Dishes

- A comprehensive range of dishes designed to fit most automated plate pouring equipment. Moulded in crystal clear premium grade polystyrene.
- Highly polished mould tool surfaces to produce blemish free product.



Code	Description	Case Quantity
PET005	90mm Single Vent Petri Dish (16.2mm height)	700
PET009	90mm Triple Vent Petri Dish (16.2mm height)	700
PET012	90mm Non-Vented Petri Dish (Shallow Form)	825
PET013	90mm Two Compartment Petri Dish	480
PET014	90mm Three Compartment Petri Dish	480
PET004	55mm Triple Vent Petri Dish	600
PET011	55mm Non-Vented Petri Dish	1620
PET017	Contact Plate	560
PET003	120mm Square Petri Dish	252
PET015	140mm Round Triple Vent Petri Dish	176

# Microtitration Trays

- Microtitration Trays - Available in packs of 10 x 10 non-sterile or individually wrapped in 2's and sterilised.
- WHO Trays - Bulk Packed and non-sterile.



Code	Description	Case Quantity
MTT001	Microtitre Tray 'U' Well	100
MTT002	Microtitre Tray 'V' Well	100
MTT003	Microtitre Tray 'F' (Flat) Well	100
MTT004	Microtitre Tray 'U' Well. Sterile	100
MTT005	Microtitre Tray 'V' Well. Sterile	100
MTT006	Microtitre Tray 'F' (Flat) Well. Sterile	100
MTT007	Lid for Microtitre Tray	100
MTT008	Lid for Microtitre Tray. Sterile	100
WHO080	80 Well WHO Tray	50

# Physical Properties

Material	Maximum Temp of Use 0°C	Appearance	Tensile Strength (MPa)	Recommended Sterilisation Proc.			
				Autoclave	Gas	Dry Heat	Chem
PS	70	Clear	40	No	Yes	No	Yes
PP	135	Translucent	35	Yes	Yes	No	Yes
LDPE	80	Translucent	15	No	Yes	No	Yes
HDPE	120	Translucent	30	Yes (with caution)	Yes	No	Yes
Polypropylene (with LDPE Liner)	80 Because of Liner	Solid	35	No	Yes	No	Yes

PS = Polystyrene PP = Polypropylene LDPE = Low Density Polyethylene HDPE = High Density Polyethylene

# Chemical Resistances

	PE	PP	PS		PE	PP	PS		PE	PP	PS
Acetic Acid	4	3	2	Chromic sulphuric acid conc	0	0	1	Methylene chloride	0	1	0
Acetone	4	2	0	Copper sulphate	4	4	4	Nitric acid 50%	2	1	2
Acetophenone	4	2	0	Decahydrophthalene	0	0	0	Oxalic acid 10% aq	4	4	4
Acetaldehyde	2	2	0	Dibutylphthalate	2	3	0	Perchloroethylene	1	2	3
Aqua regia (HNO <sub>3</sub> ) (HCl)	1	1	1	Diethyl ether	3	3	0	Petroleum	1	1	0
Allyl alcohol	2	4	1	Diethylene dioxide	4	4	1	Phenol 100%	4	4	1
Aluminium chloride	3	4	4	Ethyl acetate	2	2	0	Phosphoric acid	3	3	3
Ammonia 25% aq	4	4	3	Ethyl alcohol 95%	4	4	4	Phosphorous trichloride	4	2	1
Ammonia	4	4	3	Ethylene chloride	1	1	0	Potassium chloride aq	4	4	3
Ammonium chloride	4	4	4	Ethylene glycol	4	4	4	Potassium hydroxide	4	4	2
Amyl acetate	4	4	0	Flourine	0	0	0	Potassium permanganate	4	4	2
Amyl alcohol	4	4	2	Flourinated hydrocarbon	0	1	0	Pyridine	3	3	0
Aniline	3	3	0	Formaldehyde	4	4	3	Silver nitrate	4	4	3
Arsenic acid	3	4	4	Formic acid 85%	4	3	1	Sodium carbonate	4	4	3
Benzaldehyde	3	3	0	Glycerine	4	4	4	Sodium dichromate	4	4	4
Benzene	0	0	0	Hexane	2	2	1	Sodium hydroxide	4	4	3
Boric acid	4	4	3	Hydrobromic acid 69%	3	3	0	Sulphuric acid 95%	3	3	1
Butyl acetate	2	2	0	Hydrochloric acid	4	4	2	Tetrahydrofuran	1	1	0
Calcium chloride aq	4	4	4	Hydrofluoric acid	4	4	3	Tincture of iodine	3	3	2
Calcium hypochlorite aq	4	4	3	Hydrogen peroxide 30%	4	4	3	Toluene	1	1	0
Carbon tetrachloride	1	2	0	Lead acetate	2	0	3	Trichloroethylene	0	1	0
Chlorine	0	0	0	Lead acetate aq	2	0	4	Trisodium Phosphate	4	4	1
Chlorine water	1	1	1	Magnesium chloride aq	3	4	4	Urea	4	4	3
Chlorobenzene	1	2	0	Mercury	4	4	4	Xylene	0	1	2
Chloroform	0	1	0	Mercuric chloride	4	4	2	Zinc chloride 10% aq	4	4	2
Chromic acid 20%	0	1	3	Methyl alcohol	4	4	2	Zinc sulphate	4	4	4

Chemical resistance is shown on a sliding scale of 0 - 4  
4 indicates high resistance – 0 indicates no resistance

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