

Product Catalogue



Techno Plas

SERVICE | INNOVATION | RESULTS

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25 *years*
1988-2013



Techno Plas Pty Ltd
8 Benjamin Street
St Marys SA 5042

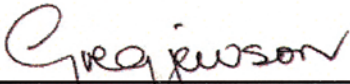
Operates a management system
that complies with the requirements of:

AS/NZS ISO 9001:2008

The Scope of Certification is:

Design and manufacture of plastic injection moulded products for national and international markets. Product range includes more than 600 disposable laboratory consumables including forceps, specimen containers, petri dishes and centrifuge tubes together with breathalyser tips for the Australian Police Force and custom moulded products for the pharmaceutical, cosmetic, automotive and wine industries.

Certification Number: 6048
Certification Date: 05 January 1993


On behalf of the board members



To confirm the currency of this certificate please email certificate@ncsi.com.au
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Techno Plas
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About Us



With over 25 years of industry leading experience, Techno Plas is a fully Australian owned and operated company with our head office in St Marys, South Australia.

At our facility we have over 30 state of the art injection moulding machines. Our constant improvement program ensures all equipment is constantly being upgraded to the latest technology most suited to the many individual items we manufacture.

Our commitment to quality is proven in our highly automated, air conditioned, environmentally controlled plant, which results in the products we produce being of consistent high quality.



We understand service, delivery and responsiveness are a must, which is why we focus on flexibility and reliability in our plant, automation and continuous investments in supply chain management and advanced computer systems. This focus enables us to maintain optimum stock levels, provides picking and despatch accuracy and results in best 'on time' shipment outcomes. Our delivery responsiveness is second to none something only a local Australian manufacturer can provide.



We also have a unique and highly qualified range of distribution partners, companies whom we have been working with over many years. Our aim is to offer customers great convenience and unparalleled choice in how and where their consumables can be sourced.



Techno Plas

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100%
AUSTRALIAN
MANUFACTURED & OWNED

Proud Corporate Partner

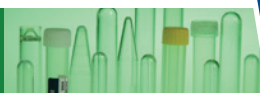


**Royal Flying
Doctor Service**

CENTRAL OPERATIONS

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Tubes

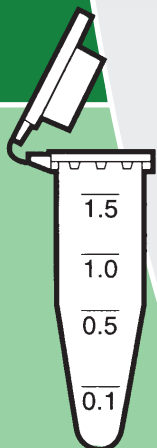


Product	Pg No.	Product	Pg No.
1.5ml Tube Microfuge	8	10ml Tube Flat Bottom (Screw Cap)	17
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9ml Tube Round Bottom	15	20ml Tube Round Bottom	24
9ml Tube Round Bottom Culture (Screw Cap)	16		



Dimensions: 40mm high x 10mm wide
Brimful: 1.7ml
Cap: Attached pierceable cap
Inner Pack: 1,000 tubes per bag
Options: Other colours are available on request
Features: Graduations from 0.1ml to 1.5ml
 in 0.5ml steps (graduations inside)
 Etched writing surface on the side of tube
 Designed to withstand the stresses of
 high speed centrifugation

1.5ml Microfuge Tube



(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene Tube			
P4010	Natural Tube Only	8,000	0.078

Minimum order quantities may apply

1.5ml Flat Bottom Tube (Plug Cap)

Dimensions: 44mm high x 11mm wide
Brimful: 2.7ml
Cap: Plug Cap
Inner Pack: 1,000 tubes per bag
 1,000 caps per bag
Options: Also available in Polypropylene



PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polystyrene Tube with Polyethylene Cap			
S4411UU	Unlabelled, Natural Plug Cap Separate	5,000	0.078
Cap to suit			
E7611C-02	11mm Plug Cap PE Natural	20,000	0.061

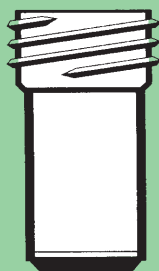
Minimum order quantities may apply



(Actual Size External)

2.5ml Flat Bottom Tube (Screw Cap)

Dimensions: 35mm high x 16mm wide
Brimful: 3.9ml
Cap: 3 start thread
Inner Pack: 500 tubes per bag
 1,000 caps per bag



(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene Tube with Polyethylene Cap			
P3516UU	Unlabelled, Natural Cap Separate	3,000	0.061
Polystyrene Tube with Polyethylene Cap			
S3516UU	Unlabelled, Natural Cap Separate	3,000	0.061

Minimum order quantities may apply

5ml Flat Bottom Tube (Screw Cap)

Dimensions: 50mm high x 16mm wide
Brimful: 6.5ml
Cap: 3 start thread
Inner Pack: 200 tubes per bag
 1,000 caps per bag
Options: Coloured caps are available on request



PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polycarbonate Tube with Polypropylene Cap			
C5016UU	Unlabelled, Natural Cap Separate	2,000	0.078
Polypropylene Tube with Polyethylene Cap			
P5016UU	Unlabelled, Natural Cap Separate	2,000	0.078
P5016UL	Labelled, Natural Cap Separate	2,000	0.078
P5016SU	Unlabelled, Yellow Capped, Gamma Sterile	2,000	0.078
P5016SL	Labelled, Yellow Capped, Gamma Sterile	2,000	0.078
Polystyrene Tube with Polyethylene Cap			
S5016UU	Unlabelled, Natural Cap Separate	2,000	0.078
S5016UL	Labelled, Natural Cap Separate	2,000	0.078
S5016SU	Unlabelled, Yellow Capped, Gamma Sterile	2,000	0.078
S5016SL	Labelled, Yellow Capped, Gamma Sterile	2,000	0.078

Minimum order quantities may apply



(Actual Size External)

5ml Round Bottom Tube (Plug Cap)

Dimensions: 76mm high x 11.5mm wide
Brimful: 4.56ml
Cap: Plug Cap
Inner Pack: 500 tubes per bag
 1,000 caps per bag
Options: Also available in Polypropylene



(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polystyrene Tube with Polyethylene Cap			
S7611	Tube Only	3,000	0.078
S7611UU	Unlabelled, Natural Plug Cap Separate	3,000	0.078
Cap to suit			
E7611C-02	11mm Plug Cap PE Natural	20,000	0.061

Minimum order quantities may apply

5ml Round Bottom Tube (Plug Cap)

Dimensions: 75mm high x 12mm wide
Brimful: 5.2ml
Cap: Plug Cap
Inner Pack: 500 tubes per bag
 1,000 caps per bag



(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Blood Sample Tube – Round Base Polypropylene with Polyethylene Cap			
P7512	Tube Only	3,000	0.078
P7512UU	Unlabelled, White Cap Separate	3,000	0.078
Blood Sample Tube – Round Base Polystyrene with Polyethylene Cap			
S7512	Tube Only	3,000	0.078
S7512UU	Unlabelled, White Cap Separate	3,000	0.078
Cap to suit			
E7512C	12mm Plug Cap PE White	20,000	0.061

Minimum order quantities may apply

5ml Round Bottom Tube (Screw Cap)

Dimensions: 75mm high x 12mm wide
Brimful: 5.2ml
Cap: Single start thread
Inner Pack: 500 tubes per bag
 1,000 caps per bag
Options: Coloured caps are available on request



(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Blood Sample Tube – Round Base Polycarbonate with Polypropylene Cap			
C7512TUU	Unlabelled, Natural Cap Separate	3,000	0.078
Blood Sample Tube – Round Base Polypropylene with Polypropylene Cap			
P7512T	Tube Only	3,000	0.078
P7512TUU	Unlabelled, Natural Cap Separate	3,000	0.078
P7512TSU	Unlabelled, Yellow Capped, Gamma Sterile	3,000	0.078
Blood Sample Tube – Round Base Polystyrene with Polypropylene Cap			
S7512T	Tube Only	3,000	0.078
S7512TUU	Unlabelled, Natural Cap Separate	3,000	0.078
S7512TSU	Unlabelled, Yellow Capped, Gamma Sterile	3,000	0.078
Cap to suit			
P7512TC	12mm Threaded Cap PP Natural	10,000	0.0324

Minimum order quantities may apply

9ml Round Bottom Tube

Dimensions: 75mm high x 16mm wide
Brimful: 9ml
Cap: Suits our 16mm Auscap (refer page 66)
Inner Pack: 500 tubes per bag
Options: Also available in Polystyrene



(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene Tube			
P7516	Tube Only	3,000	0.094

Minimum order quantities may apply

9ml Round Bottom Culture Tube (Screw Cap)

Dimensions: 94mm high x 14mm wide
Brimful: 9ml
Cap: 2 start thread
Inner Pack: 300 tubes per bag
 1,500 caps per bag
Options: Coloured caps are available on request



(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Culture Tube – Round Base Polycarbonate with Polypropylene Cap			
C9414UU	Unlabelled, White Cap Separate	1,500	0.078
C9414SU	Unlabelled, Yellow Capped, Gamma Sterile	1,500	0.078
Culture Tube – Round Base Polystyrene with Polypropylene Cap			
S9414SU	Unlabelled, Yellow Capped, Gamma Sterile	1,500	0.078

Minimum order quantities may apply

10ml Flat Bottom Tube (Screw Cap)

Dimensions: 97mm high x 16mm wide
Brimful: 12.5ml
Cap: 3 start thread
Inner Pack: 100 tubes per bag
 1,000 caps per bag
Options: Coloured caps are available on request



(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polycarbonate Tube with Polypropylene Cap			
C9716UU	Unlabelled, Natural Cap Separate	1,000	0.061
Polypropylene Tube with Polyethylene Cap			
P9716UU	Unlabelled, Natural Cap Separate	1,000	0.061
P9716UL	Labelled, Natural Cap Separate	1,000	0.061
P9716SU	Unlabelled, Yellow Capped, Gamma Sterile	1,000	0.061
P9716SL	Labelled, Yellow Capped, Gamma Sterile	1,000	0.061
Polystyrene Tube with Polyethylene Cap			
S9716UU	Unlabelled, Natural Cap Separate	1,000	0.061
S9716SU	Unlabelled, Yellow Capped, Gamma Sterile	1,000	0.061
S9716SL	Labelled, Yellow Capped, Gamma Sterile	1,000	0.061

Minimum order quantities may apply

Dimensions: 97mm high x 16mm wide
Brimful: 11.8ml
Cap: 3 start thread
Inner Pack: 100 tubes per bag
 1,000 caps per bag
Features: Graduations at 2ml, 5ml & 10ml
 (graduations inside)
 Free-standing Vee bottom tube

10ml Vee Bottom Tube (Screw Cap)



(Actual Size External)

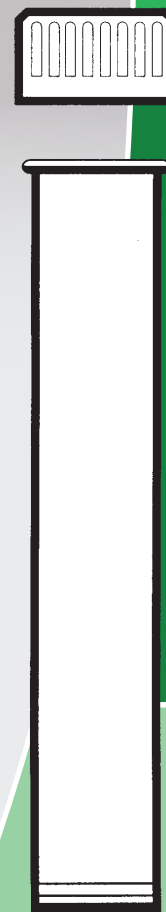
PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene Tube with Polyethylene Cap			
P9716VUU	Unlabelled, Natural Cap Separate	1,000	0.061
Polystyrene Tube with Polyethylene Cap			
S9716VUU	Unlabelled, Natural Cap Separate	1,000	0.061
S9716VSU	Unlabelled, Yellow Capped, Gamma Sterile	1,000	0.061

Minimum order quantities may apply



10ml Flat Bottom Tube (Snap Cap)

Dimensions: 100mm high x 17mm wide
Brimful: 15.6ml
Cap: Snap Cap
Inner Pack: P10017-01 Scramble Packed Loose
 P10017UU 100 tubes per bag
 1,000 caps per bag



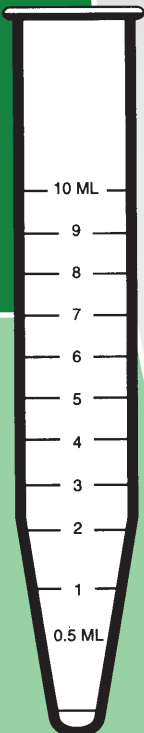
(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene Tube with Polypropylene Cap			
P10017-01	Tube Only	1,500	0.094
P10017UU	Unlabelled, Natural Cap Separate	1,000	0.078

Minimum order quantities may apply

Dimensions: 96mm high x 17mm wide
Brimful: 13.85ml
Cap: Snap Cap
Inner Pack: 100 tubes per bag
 1,000 caps per bag
Options: Sterilised option available
Features: Graduations from 0.5ml to 10ml in 1ml steps (graduations inside)

10ml Graduated Centrifuge Tube (Snap Cap)



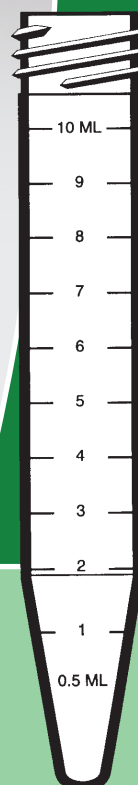
(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene Centrifuge Tube with Polypropylene Cap			
P9617	Tube Only	1,000	0.061
P9617UU	Unlabelled, Natural Cap Separate	1,000	0.061

Minimum order quantities may apply

10ml Graduated Centrifuge Tube (Screw Cap)

Dimensions: 103mm high x 16mm wide
Brimful: 11.77ml
Cap: 3 start thread
Inner pack: 100 tubes per bag
 1,000 caps per bag
Features: Graduations from 0.5ml to 10ml in 1ml steps (graduations inside)
 Etched writing surface



(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene Centrifuge Tube with Polyethylene Cap			
P10316	Tube Only	1,000	0.061
P10316UU	Unlabelled, Natural Cap Separate	1,000	0.061
P10316SU	Unlabelled, Yellow Capped, Gamma Sterile	1,000	0.061
Polystyrene Centrifuge Tube with Polyethylene Cap			
S10316	Tube Only	1,000	0.061
S10316UU	Unlabelled, Natural Cap Separate	1,000	0.061
S10316SU	Unlabelled, Yellow Capped, Gamma Sterile	1,000	0.061

Minimum order quantities may apply

Dimensions: 100mm high x 16mm wide
Brimful: 13.75ml
Cap: Suits our 16mm Auscap and 17mm Overcap
(refer page 66 & 67)
Inner pack: Scramble packed loose

12ml Round Bottom Tube



PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene Tube			
P10016	Tube Only	2,000	0.094

Minimum order quantities may apply

(Actual Size External)

15ml Round Bottom Tube (Screw Cap)

Dimensions: 110mm high x 16mm wide
Brimful: 15ml
Cap: 3 start thread
Inner pack: 250 tubes per bag
 1,500 caps per bag



(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polycarbonate Tube with Polypropylene Cap			
C11016	Tube Only	1,500	0.094
C11016UU	Unlabelled, Natural Cap Separate	1,500	0.094
Polystyrene Tube with Polyethylene Cap			
S11016	Tube Only	1,500	0.094
S11016UU	Unlabelled, Natural Cap Separate	1,500	0.094

Minimum order quantities may apply

Dimensions: 150mm high x 16mm wide
Brimful: 20.5ml
Cap: Suits our 16mm Auscap (refer page 66)
Inner pack: Scramble packed loose
Features: Graduations at 18ml & 20ml
 (graduations inside)

20ml Round Bottom Tube



(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene Tube			
P15016	Tube Only	1,000	0.094
Polystyrene Tube			
S15016	Tube Only	1,000	0.094
Cap to suit			
P15016C	16mm Push Cap PP Natural	7,500	0.094

Minimum order quantities may apply



Techno Plas
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Specialised Moulding

Techno Plas is the supplier of choice for many multi-national, quality conscious organisation's whose requirements for high volume, specialised moulded products and time critical delivery call for something reliable, new and innovative.

Working with Techno Plas is more than just another moulding company. In our specialist moulding division we take your plastic consumable problems or desires and work in house from part and tool design, through to tooling build management and warranty, to a fully approved and production ready part.



Our highly specialized in-house technical staff, have extensive experience across many industries and consumable injection moulding applications.

To you, this means we are able to offer invaluable technical advice and direction on how a specific project outcome can best be achieved and integrated into your processes. Your company can leverage from knowledge gained by personnel who run one of Australia's leading edge, fully automated facilities. Staff travel the world for training and bring the best technologies and solutions to our production facility and customer projects. This allows us to continually upgrade our plant with the latest machines and automation which guarantees that our solutions make commercial sense, ensuring we add value not cost to the process.

Techno Plas has the ability and efficiencies to manufacture and export commodity plastic consumables to China – our solutions are high end, our costs and prices are not.



Containers & Bottles

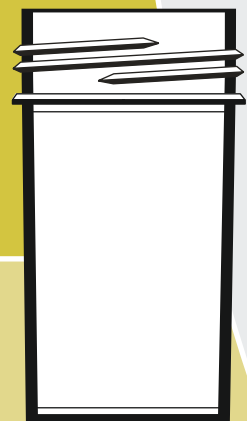


Product	Pg No.	Product	Pg No.
25ml Container Flat Bottom (Screw Cap)	28	120ml Container Flat Bottom 108 x 44mm (Screw Cap)	34
28ml Container Flat Bottom (Screw Cap)	29	120ml Container Flat Bottom 92 x 46mm (Screw Cap)	35
30ml Container Universal Flat Bottom (Screw Cap)	30	250ml Container Flat Bottom (Screw Cap)	36
30ml Container Universal Vee Bottom (Screw Cap)	31	500ml Container Flat Bottom (Screw Cap)	37
50ml Container Flat Bottom (Screw Cap)	32	Containers Individually Wrapped	38
70ml Container Flat Bottom (Screw Cap)	33	500ml PET Bottle	39



Dimensions: 55mm high x 27mm wide
Brimful: 24.9ml
Cap: 3 start thread
Inner pack: 100 containers per bag
 250 caps per bag
Options: Coloured caps are available
 on request

25ml Flat Bottom Container (Screw Cap)



(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polycarbonate Container with Polypropylene Cap			
C5527UU	Unlabelled, White Cap Separate	500	0.061
Polypropylene Container with Polyethylene Cap			
P5527UU	Unlabelled, Natural Cap Separate	500	0.061
P5527SU	Unlabelled, Yellow Capped, Gamma Sterile	500	0.061
Polystyrene Container with Polyethylene Cap			
S5527UU	Unlabelled, Natural Cap Separate	500	0.061
S5527SU	Unlabelled, Yellow Capped, Gamma Sterile	500	0.061
S5527SL	Labelled, Yellow Capped, Gamma Sterile	500	0.061

Minimum order quantities may apply

28ml Flat Bottom Container (Screw Cap)

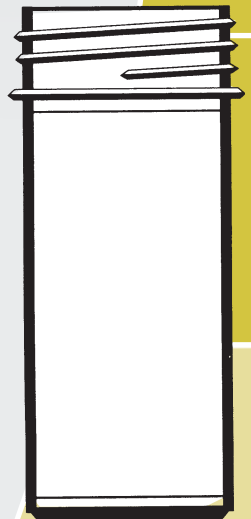
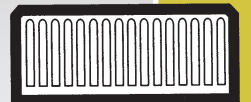
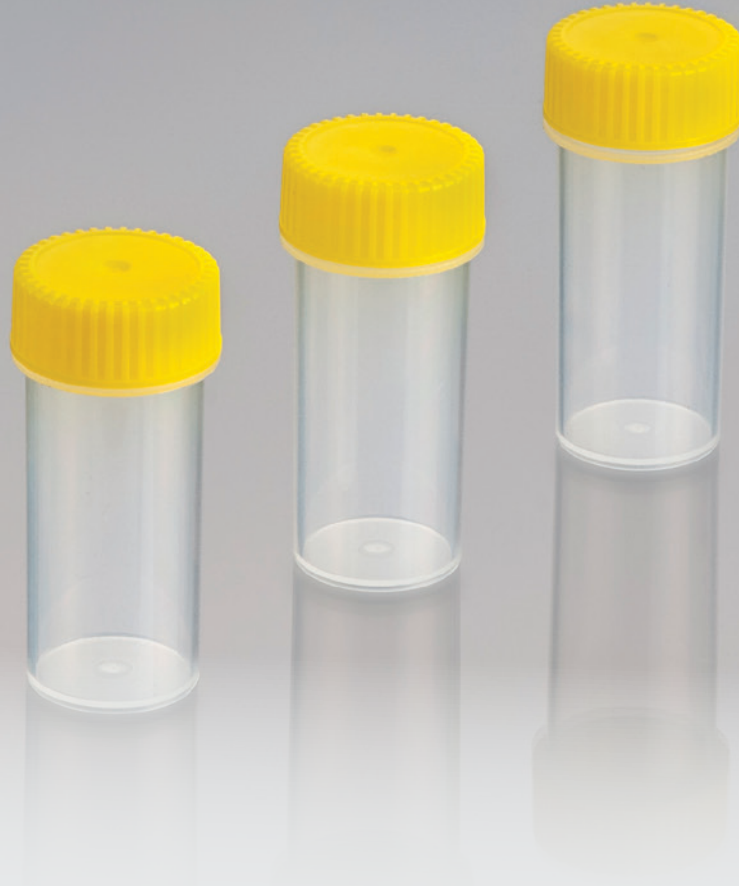
Dimensions: 68mm high x 27mm wide

Brimful: 32ml

Cap: 3 start thread

Inner pack: Scramble packed loose

Options: Coloured caps are available on request



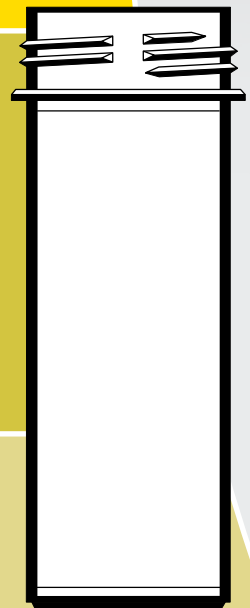
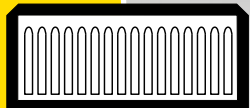
(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene Container with Polyethylene Cap			
P28	Unlabelled, Yellow Capped, Clean Environment Manufactured	1,000	0.094
P28SU	Unlabelled, Yellow Capped, Gamma Sterile	1,000	0.094

Minimum order quantities may apply

30ml Universal Flat Bottom Container (Screw Cap)

Dimensions: 80mm high x 27mm wide
Brimful: 37.7ml
Cap: 3 start thread
Inner pack: 50 containers per bag
 250 caps per bag
Options: Coloured caps are available on request



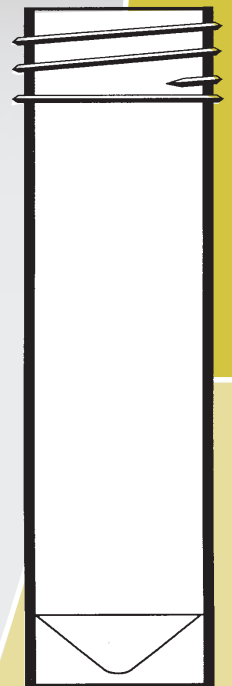
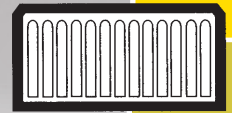
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PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polycarbonate Container with Polypropylene Cap			
C8027UU	Unlabelled, White Cap Separate	500	0.078
C8027SU	Unlabelled, Yellow Capped, Gamma Sterile	500	0.078
Polypropylene Container with Polyethylene Cap			
P8027UU	Unlabelled, Natural Cap Separate	500	0.078
P8027SU	Unlabelled, Yellow Capped, Gamma Sterile	500	0.078
P8027-06	Unlabelled, Yellow Capped, Clean Environment Manufactured	900	0.094
Polystyrene Container with Polyethylene Cap			
S8027UU	Unlabelled, Natural Cap Separate	500	0.078
S8027SU	Unlabelled, Yellow Capped, Gamma Sterile	500	0.078
S8027-27	Labelled, Yellow Capped, Gamma Sterile	900	0.094
S8027-28	Unlabelled, Yellow Capped, Clean Environment Manufactured	900	0.094

Minimum order quantities may apply

30ml Universal Vee Bottom Container (Screw Cap)

Dimensions: 90mm high x 25mm wide
Brimful: 29.77ml
Cap: Single start thread
Inner pack: 50 containers per bag
 250 caps per bag
Options: Coloured caps are available on request
Features: Free-standing Vee bottom container



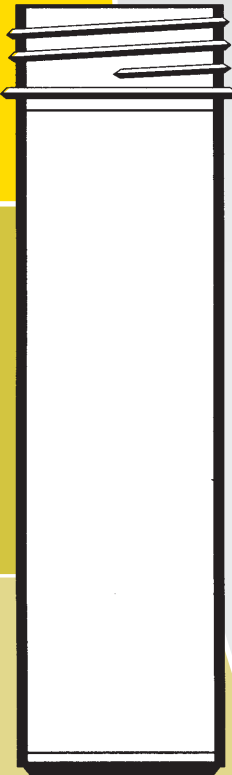
(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polycarbonate Container with Polypropylene Cap			
C9025UU	Unlabelled, White Cap Separate	500	0.078
C9025SU	Unlabelled, Yellow Capped, Gamma Sterile	500	0.078
Polypropylene Container with Polypropylene Cap			
P9025UU	Unlabelled, White Cap Separate	500	0.078
P9025UL	Labelled, White Cap Separate	500	0.078
P9025SU	Unlabelled, Yellow Capped, Gamma Sterile	500	0.078
Polystyrene Container with Polypropylene Cap			
S9025SU	Unlabelled, Yellow Capped, Gamma Sterile	500	0.078

Minimum order quantities may apply

50ml Flat Bottom Container (Screw Cap)

Dimensions: 102mm high x 27mm wide
Brimful: 48.55ml
Cap: 3 start thread
Inner pack: Scramble packed loose
Options: Coloured caps are available on request



(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene Container with Polyethylene Cap			
P50	Unlabelled, Yellow Capped, Clean Environment Manufactured	700	0.094

Minimum order quantities may apply

70ml Flat Bottom Container (Screw Cap)

Dimensions: 57mm high x 44mm wide

Brimful: 71ml

Cap: 3 start thread

Inner pack: Scramble packed loose

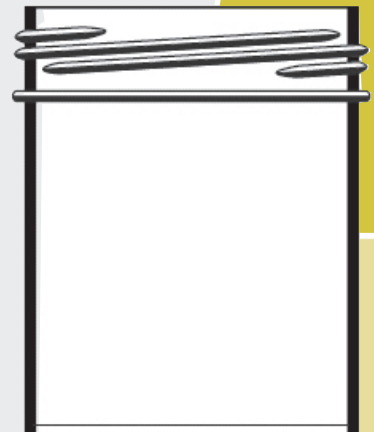
Options: Sodium Thiosulphate dosed
option available (refer page 42)

Coloured caps & custom labels
are available on request



PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polycarbonate Container with Polypropylene Cap			
C5744UU	Unlabelled, Natural Cap Separate	500	0.094
Polypropylene Container with Polyethylene Cap			
P5744UU	Unlabelled, Natural Capped, Clean Environment Manufactured	550	0.094
P5744UUUV	Unlabelled, Yellow Capped, Clean Environment Manufactured	550	0.094
P5744ULLV	Labelled, Yellow Capped, Clean Environment Manufactured	550	0.094
P5744SU	Unlabelled, Yellow Capped, Gamma Sterile	550	0.094
P5744SL	Labelled, Yellow Capped, Gamma Sterile	550	0.094
Polystyrene Container with Polyethylene Cap			
S5744UU	Unlabelled, Natural Capped, Clean Environment Manufactured	550	0.094
S5744UUUV	Unlabelled, Yellow Capped, Clean Environment Manufactured	550	0.094
S5744ULLV	Labelled, Yellow Capped, Clean Environment Manufactured	550	0.094
S5744SU	Unlabelled, Yellow Capped, Gamma Sterile	550	0.094
S5744SL	Labelled, Yellow Capped, Gamma Sterile	550	0.094

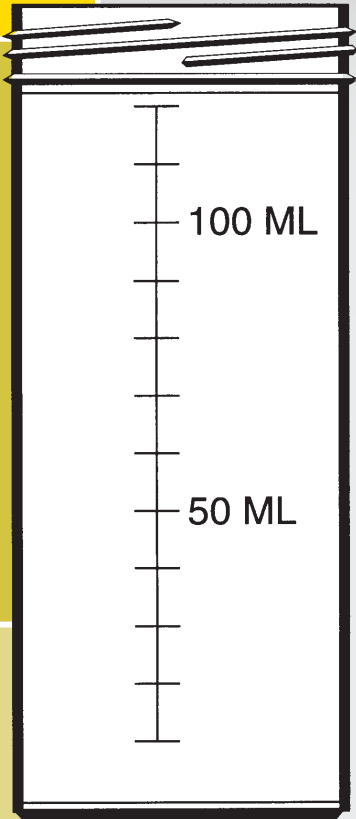
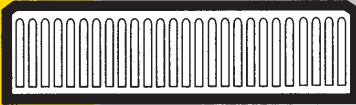
Minimum order quantities may apply



(Actual Size External)

Dimensions: 108mm high x44mm wide
Brimful: 134ml
Cap: 3 start thread
Inner pack: PP Scramble packed loose
 PC & PS Stacked 3 layers of 100
Options: Sodium Thiosulphate dosed
 option available (refer page 42)
 Coloured caps & custom labels are
 available on request
Features: Graduations from 10ml to 120ml in
 10ml steps (graduations inside)

120ml Flat Bottom Container (Screw Cap)



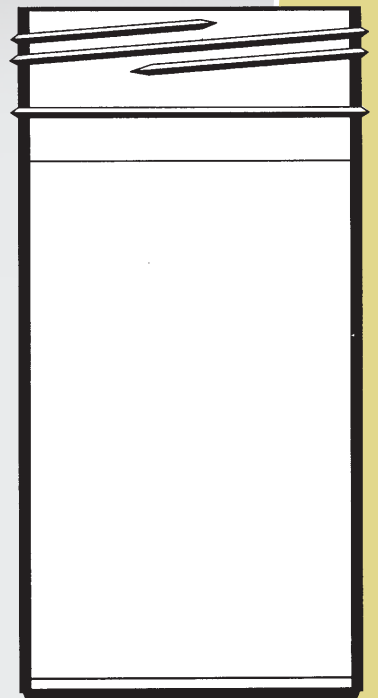
(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polycarbonate Container with Polypropylene Cap			
C10844UU	Unlabelled, Natural Capped	300	0.088
Polypropylene Container with Polyethylene Cap			
P10844UU	Unlabelled, Natural Capped	300	0.094
P10844UUUV	Unlabelled, Yellow Capped	300	0.094
P10844ULUV	Labelled, Yellow Capped	300	0.094
P10844SU	Unlabelled, Yellow Capped, Gamma Sterile	300	0.094
P10844SL	Labelled, Yellow Capped, Gamma Sterile	300	0.094
Polystyrene Container with Polyethylene Cap			
S10844UU	Unlabelled, Natural Capped	300	0.088
S10844-04	Unlabelled, Yellow Capped	300	0.088
S10844ULUV	Labelled, Yellow Capped	300	0.088
S10844SU	Unlabelled, Yellow Capped, Gamma Sterile	300	0.088
S10844SL	Labelled, Yellow Capped, Gamma Sterile	300	0.088

Minimum order quantities may apply

120ml Flat Bottom Container (Screw Cap)

Dimensions: 92mm high x 46mm wide
Brimful: 124ml
Cap: 3 start thread
Inner pack: Scramble packed loose
Options: Coloured caps and custom labels are available on request



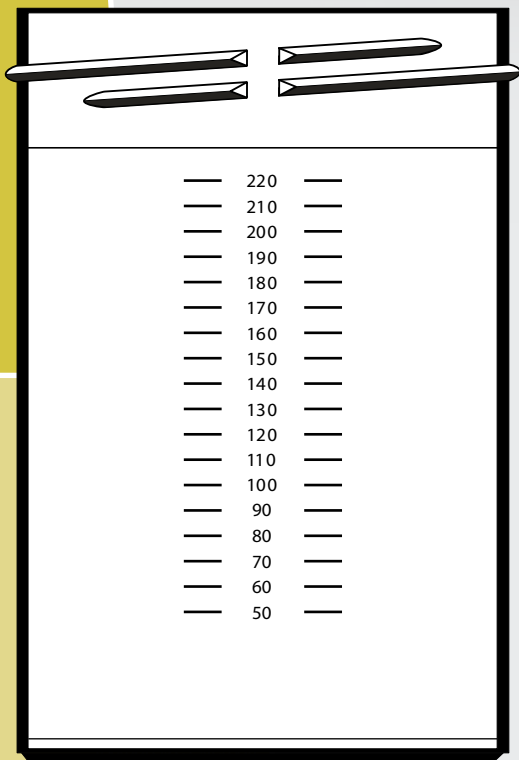
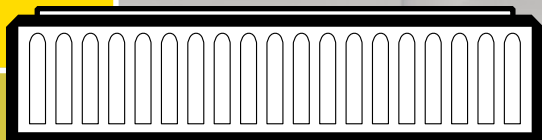
PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene Container with Polyethylene Cap			
P9246UU	Unlabelled, Natural Capped	300	0.094
P9246UUUV	Unlabelled, Yellow Capped	300	0.094
P9246SU	Unlabelled, Yellow Capped, Gamma Sterile	300	0.094

Minimum order quantities may apply

(Actual Size External)

Dimensions: 100mm high x 65mm wide
Brimful: 279ml
Cap: 2 start thread
Inner pack: Stacked 3 layers of 49
Options: Sodium Thiosulphate dosed option available (refer page 42)
 Coloured caps & custom labels are available on request
Features: Graduations from 50ml to 220ml in 10ml steps (graduations inside)

250ml Flat Bottom Container (Screw Cap)



(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polycarbonate Container with Polypropylene Cap			
C10065UU	Unlabelled, Natural Capped	147	0.082
C10065SU	Unlabelled, Yellow Capped, Gamma Sterile	147	0.082
Polypropylene Container with Polyethylene Cap			
P10065UU	Unlabelled, White Capped	147	0.082
P10065UL	Labelled, White Capped	147	0.082
Polystyrene Container with Polyethylene Cap			
S10065UU	Unlabelled, Natural Capped	147	0.082
S10065UL	Labelled, Natural Capped	147	0.082
S10065SU	Unlabelled, Yellow Capped, Gamma Sterile	147	0.082
S10065SL	Labelled, Yellow Capped, Gamma Sterile	147	0.082

Minimum order quantities may apply

500ml Flat Bottom Container (Screw Cap)

Dimensions: 125mm high x 90mm wide

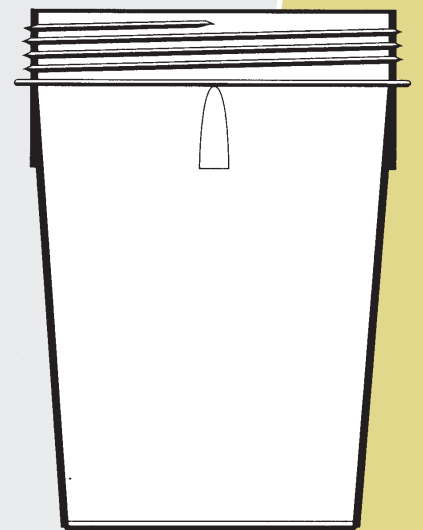
Brimful: 556ml

Cap: Single start thread

Options: Sodium Thiosulphate dosed option available (refer page 42)

Features: Tapered sides for stackability of containers

Cap has been specially designed to allow the capped containers to be stacked



(Not to scale)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polycarbonate Container with Polypropylene Cap			
C12590UU	Unlabelled, Natural Cap Separate	126	0.09
Polystyrene Container with Polyethylene Cap			
S12590UU	Unlabelled, Natural Cap Separate	126	0.09
S12590SU	Unlabelled, Yellow Capped, Gamma Sterile	72	0.09

Minimum order quantities may apply

Containers Individually Wrapped

Dimensions: 30ml – 80mm high x 27mm wide
 70ml – 57mm high x 44mm wide
Brimful: 30ml – 37.7ml
 70ml – 71ml
Features: Individually wrapped in
 heat sealed pack



PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polystyrene Container with Polyethylene Cap			
S8027SLI	30ml Container Polystyrene, Labelled, Yellow Capped, Gamma Sterile	300	0.094
S5744SLI	70ml Container Polystyrene, Labelled, Yellow Capped, Gamma Sterile	250	0.094

Minimum order quantities may apply

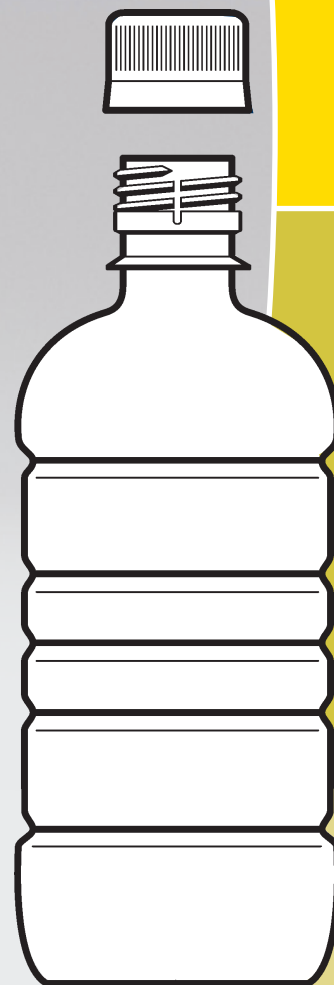
500ml PET Bottle

Dimensions: 180mm high x 68mm wide

Brimful: 511ml

Options: Sodium Thiosulphate dosed option available (refer page 42)

Features: Closure is tamper evident to ensure product integrity



(Not to scale)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
PET Bottle with Screw Closure			
PET18068SU	Unlabelled, White Capped, Gamma Sterile	92	0.094

Minimum order quantities may apply

Water Sampling Containers & Bottles



Product	Pg No.
70ml Container Sodium Thiosulphate Dosed	42
120ml Container Sodium Thiosulphate Dosed	42
250ml Container Sodium Thiosulphate Dosed	42
500ml Container Sodium Thiosulphate Dosed	42
500ml PET Bottle Sodium Thiosulphate Dosed	42



Water Sampling Containers with Sodium Thiosulphate

Other Product Information:

- 70ml – refer page 33
- 120ml – refer page 34
- 250ml – refer page 36
- 500ml – refer page 37
- 500ml PET – refer page 39



PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
70ml Polypropylene Container with Polyethylene Cap, Sodium Thiosulphate dosed			
P5744-06	Labelled, Yellow Capped, Sodium Thiosulphate, Gamma Sterile	550	0.094
120ml Polypropylene Container with Polyethylene Cap, Sodium Thiosulphate dosed			
P10844-06	Labelled, Yellow Capped, Sodium Thiosulphate, Gamma Sterile	300	0.094
250ml Polypropylene Container with Polyethylene Cap, Sodium Thiosulphate dosed			
P10065-06	Labelled, White Capped, Sodium Thiosulphate, Gamma Sterile	147	0.082
500ml Polystyrene Container with Polyethylene Cap, Sodium Thiosulphate dosed			
S12590-02	Labelled, Yellow Capped, Sodium Thiosulphate, Gamma Sterile	72	0.09
500ml PET Bottle with Polypropylene Cap, Sodium Thiosulphate dosed			
PET18068-06	Unlabelled, White Capped, Sodium Thiosulphate, Gamma Sterile	92	0.094
PET18068-07	Labelled, White Capped, Sodium Thiosulphate, Gamma Sterile	92	0.094

Minimum order quantities may apply

Proud Corporate Partner



Our Corporate Partnership with Royal Flying Doctor Service Central Operations

Why partner with the Royal Flying Doctor Service (RFDS)?

Techno Plas is a proud, Australian owned manufacturing company, who's products are likely to be found in every Australian home and major sectors of the Australian medical and laboratory markets.

At Techno Plas we have always felt a strong community responsibility and have a long history of making significant donations to Australian charities. In 2013 we turn 25, to commemorate this significant event, we wanted to make a long-term commitment to an iconic Australian charity, whose values and aspirations matched our own.



We found these qualities in the Royal Flying Doctor Service

- An organization who have a never say never attitude and are where they are today, through world class innovation and a determination to succeed.
- They are directly linked to the medical field – the origins of Techno Plas product and still our core sector.
- Provide service and product to all Australians, whether you live in rural Australia, need help while traveling in Australia or maybe, by example, need transport between capital cities for an organ transplant.
- Have strong “people” values, relationships and commitment to staff, clients and suppliers.
- **Are Australian, with a proud history and future.**

As with all our relationships, we have made a long term commitment to the RFDS and look forward to providing them on going support for many years ahead and thank all our customers who make this possible.

Faecal Collection Products

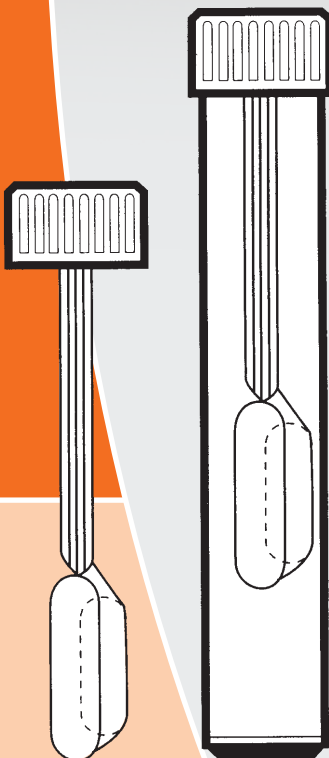


Product	Pg No.
10ml Tube Clear with Spoon	46
30ml Container White with Spoon	47
70ml Container White with Spoon	48
120ml Container Clear with Spoon	49



Dimensions: 97mm high x 16mm wide
Brimful: 12.5ml
Cap: 3 start thread
Inner pack: 100 tubes per bag
 250 caps per bag
Features: Spoon for sampling
 Free-standing tube

10ml Clear Tube with Spoon



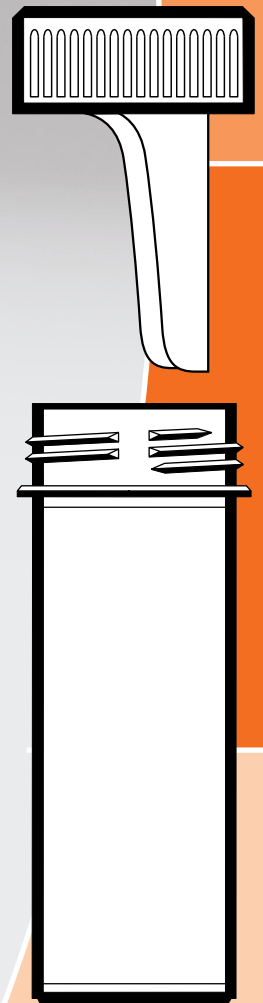
(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
	Polypropylene Clear Tube with Polyethylene Cap with Spoon		
P9716F-02	Labelled, Brown Cap Separate	1,000	0.078

Minimum order quantities may apply

30ml White Container with Spoon

Dimensions: 80mm high x 27mm wide
Brimful: 37.7ml
Cap: 3 Start Thread
Inner pack: 50 containers per bag
Options: Sterilised option available
Features: Spoon for sampling



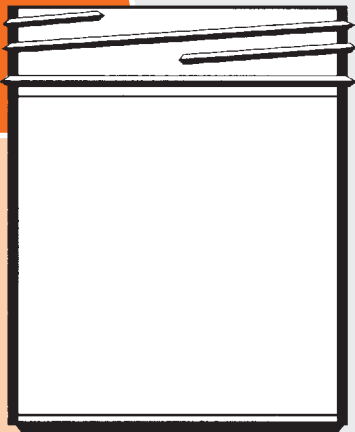
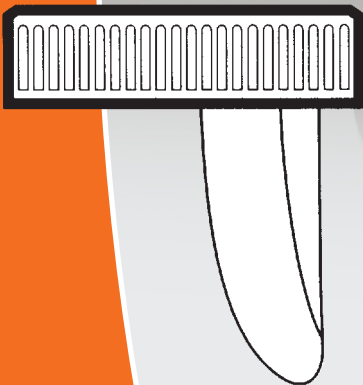
(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
	Polystyrene White Container with Polyethylene Cap with Spoon		
S8027F	Labelled, Brown Capped	500	0.078

Minimum order quantities may apply

70ml White Container with Spoon

Dimensions: 57mm high x 44mm wide
Brimful: 71ml
Cap: 3 start thread
Inner pack: Scramble packed loose
Features: Spoon for sampling



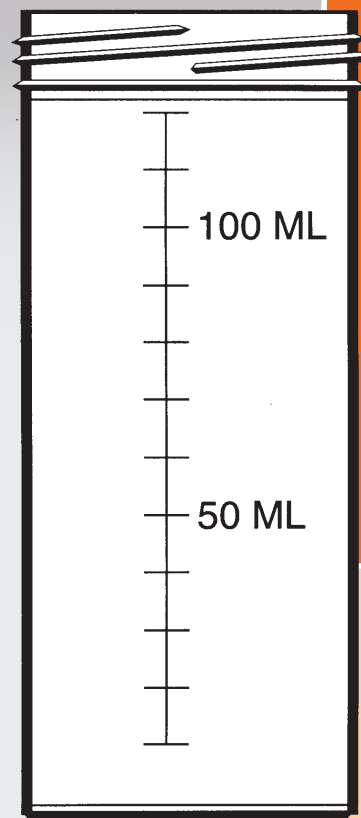
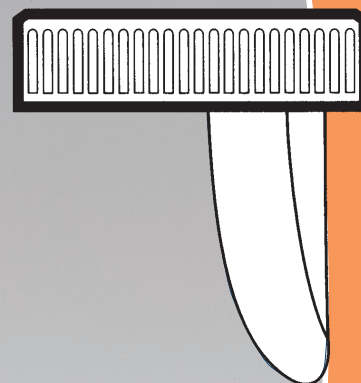
(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene White Container with Polyethylene Cap with Spoon			
P5744F	Labelled, Brown Capped	550	0.094
P5744FS	Sterile Labelled, Brown Capped, Gamma Sterile	550	0.094

Minimum order quantities may apply

120ml Clear Container with Spoon

Dimensions: 108mm high x 44mm wide
Brimful: 134ml
Cap: 3 start thread
Inner pack: Stacked 3 layers of 100
Options: Sterilised option available
 Also available in Polypropylene
Features: Spoon for sampling

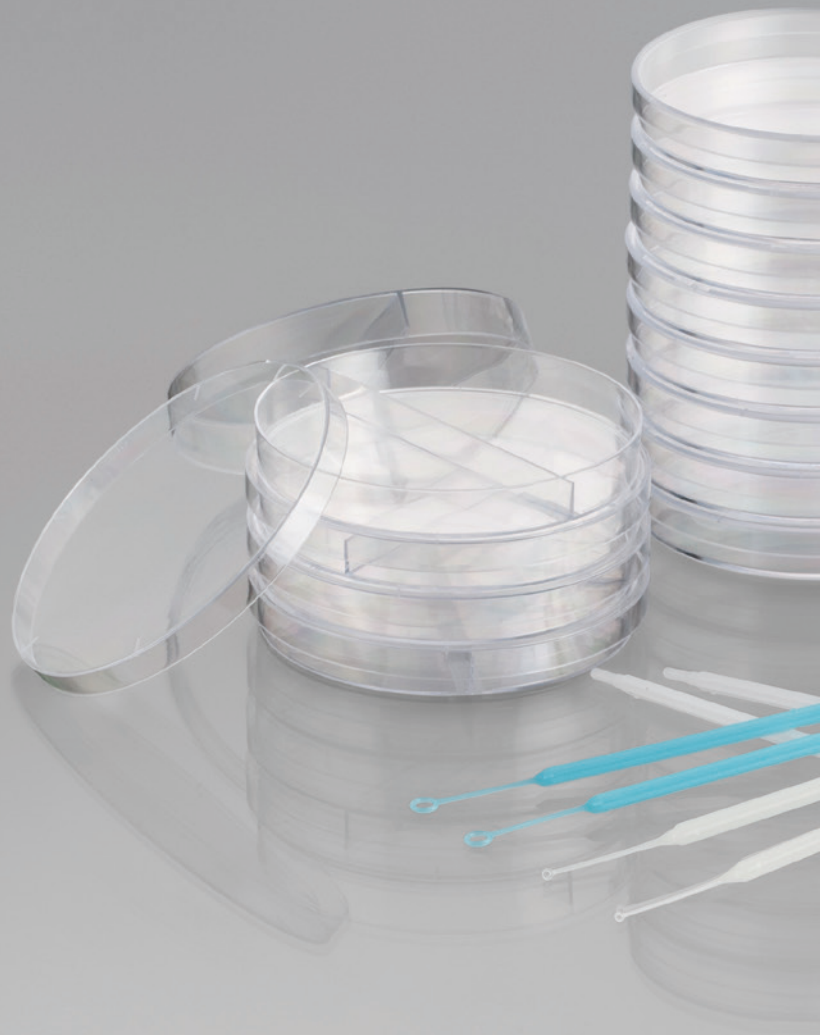


(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polystyrene Clear Container with Polyethylene Cap with Spoon			
S10844F	Labelled, Brown Capped	300	0.088

Minimum order quantities may apply

Microbiological Products

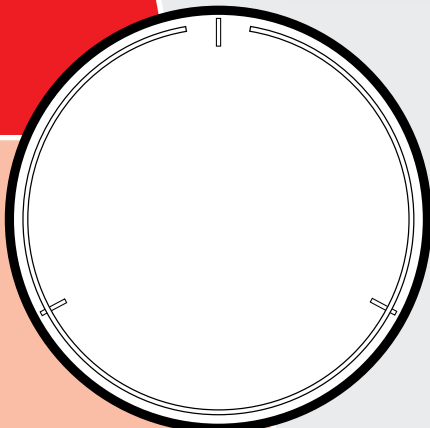
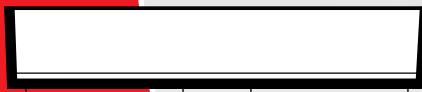
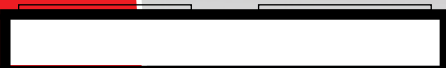


Product	Pg No.
Petri Dish 60mm Full Plate	52
Petri Dish 90mm Full Plate	53
Petri Dish 90mm Stacker Plate	54
Petri Dish 90mm Half Plate	55
Spreader Bar	56
Inoculating Loops	57



Dimensions: 14mm high x 60mm wide
Inner pack: 10 dishes per heat sealed pack
Features: Full plate triple vented
Complementary Products: Inoculating Loops & Spreader Bars (refer page 56 & 57)

60mm Petri Dish Full Plate



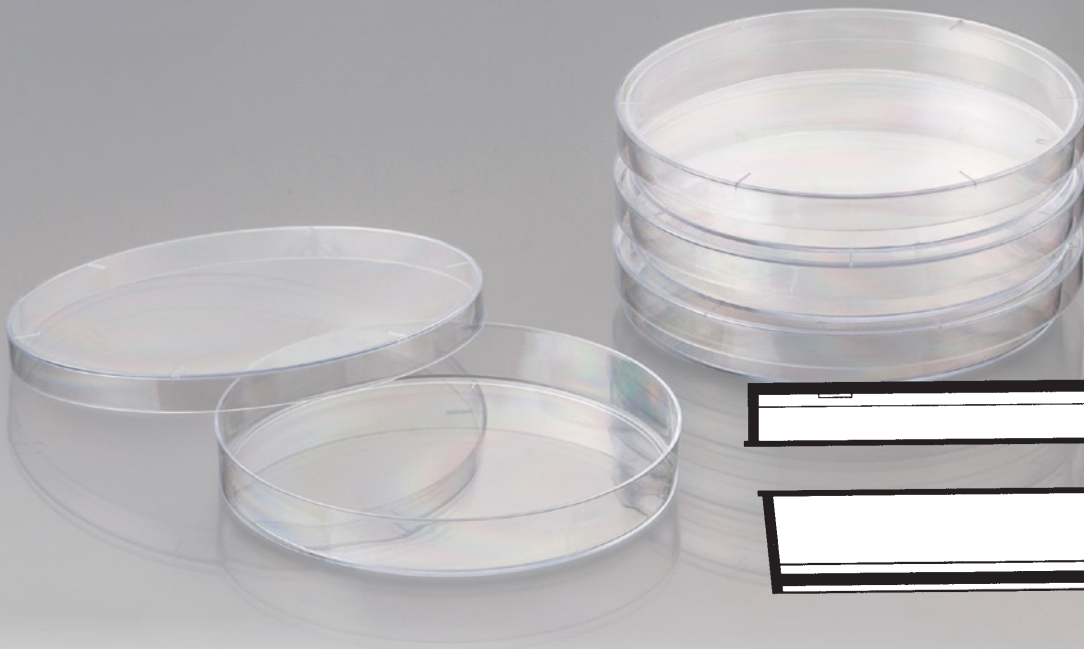
(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Petri Dish – Triple Vented Polystyrene			
S6014UV10	Unsterilised	1,000	0.061
S6014S10	Gamma Sterile	1,000	0.061

Minimum order quantities may apply

90mm Petri Dish Full Plate

Dimensions: 14mm high x 90mm wide
Inner pack: 20 dishes per heat sealed pack
Features: Full plate triple vented
 Suitable for use with most automatic
 plate pouring machines
Complementary Products: Inoculating
 Loops & Spreader Bars (refer page 56 & 57)



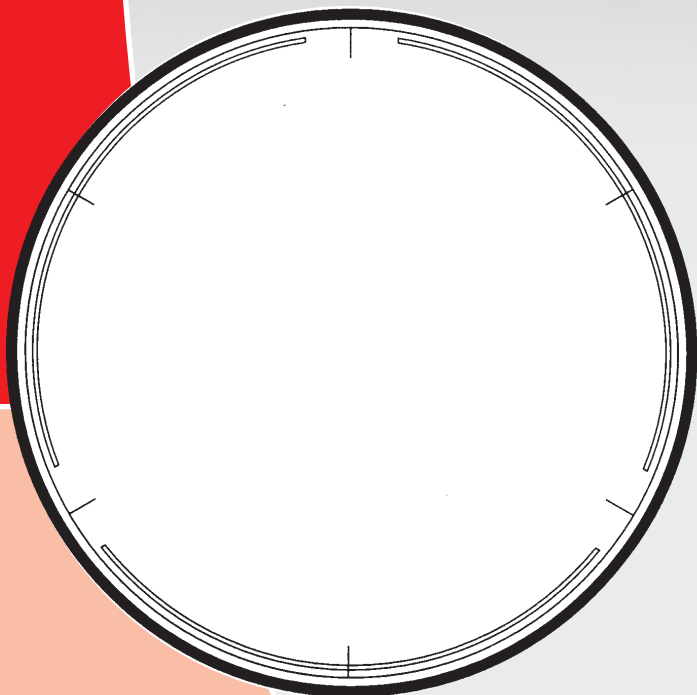
PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Petri Dish – Triple Vented Polystyrene			
S9014UV20	Clean Environment Manufactured	600	0.078
S9014S20	Gamma Sterile	600	0.078

Minimum order quantities may apply

(Actual Size External)

90mm Petri Dish Stacker Plate

Dimensions: 14mm high x 90mm wide
Inner pack: 20 dishes per heat sealed pack
Features: Full plate stackable triple vented
 Designed with stacking ring enabling
 dishes to be stacked
Complementary Products: Inoculating
 Loops & Spreader Bars (refer page 56 & 57)



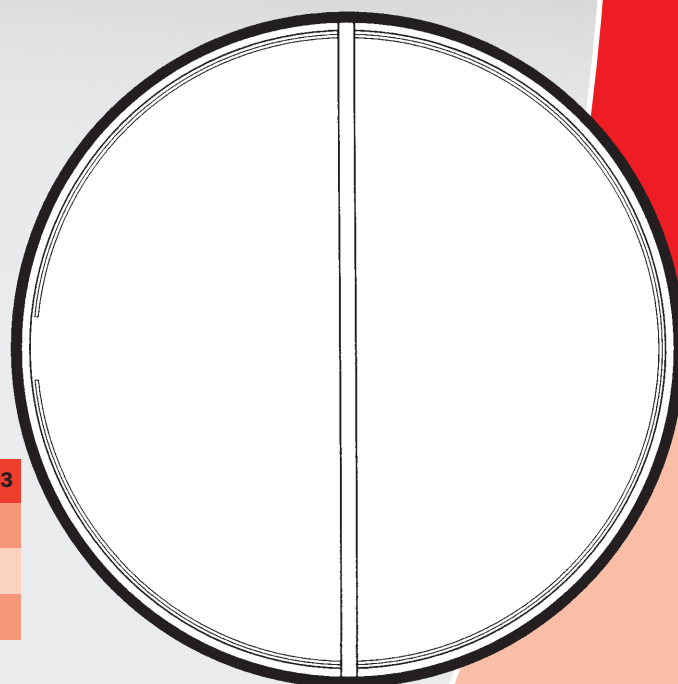
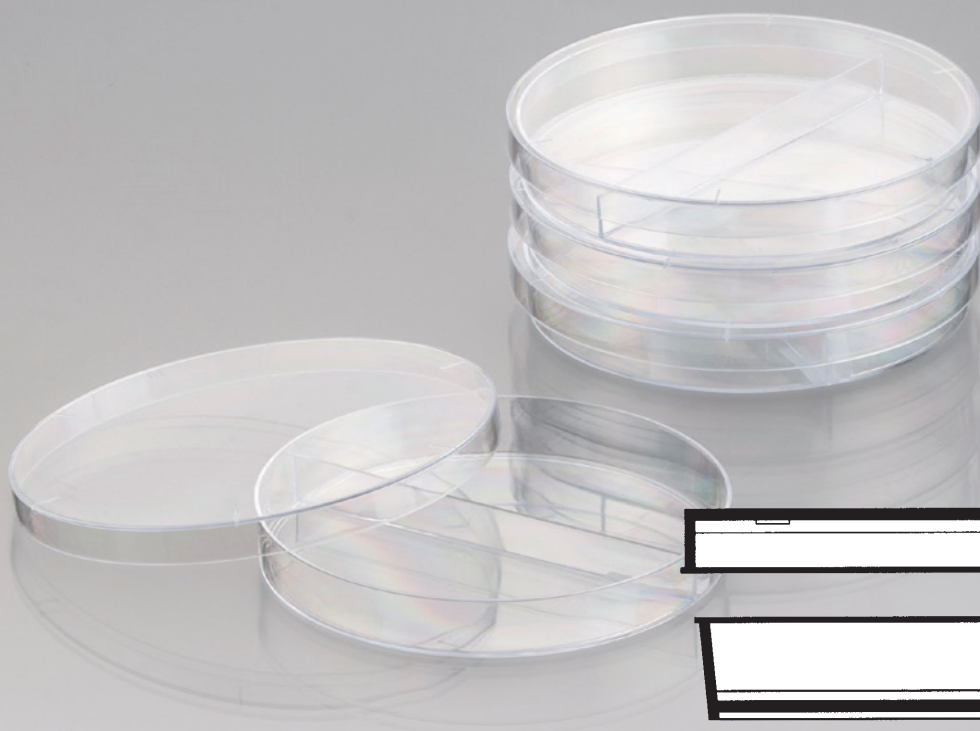
(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Petri Dish – Triple Vented Polystyrene			
S90001	Clean Environment Manufactured	600	0.078
S90001G	Gamma Sterile	600	0.078

Minimum order quantities may apply

90mm Petri Dish Half Plate

Dimensions: 14mm high x 90mm wide
Inner pack: 20 dishes per heat sealed pack
Features: Half plate triple vented
 Suitable for use with most automatic plate pouring machines
Complementary Products: Inoculating Loops & Spreader Bars (refer page 56 & 57)



PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Petri Dish – Triple Vented Polystyrene			
S9014HP20	Clean Environment Manufactured	600	0.078
S9014HPS20	Gamma Sterile	600	0.078

Minimum order quantities may apply

(Actual Size External)

Inner pack: 500 (20 bags of 25 spreaders)
Features: Smooth rounded spreading surface
Complementary Products: Petri Dishes
(refer pages 52-55)

Spreader Bar



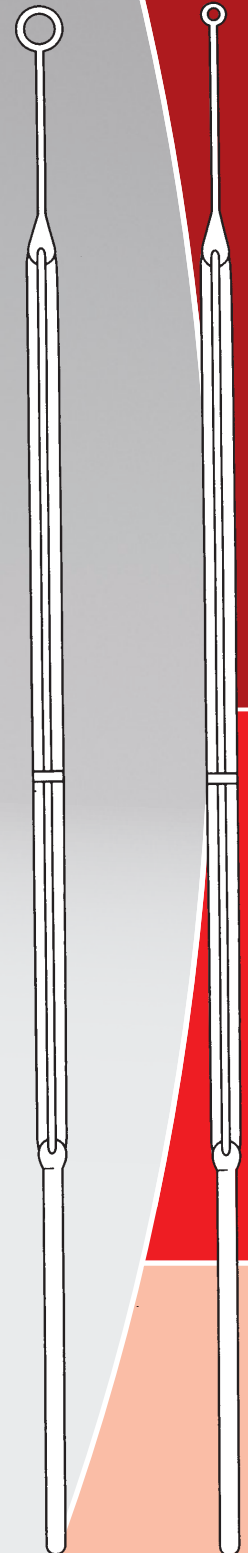
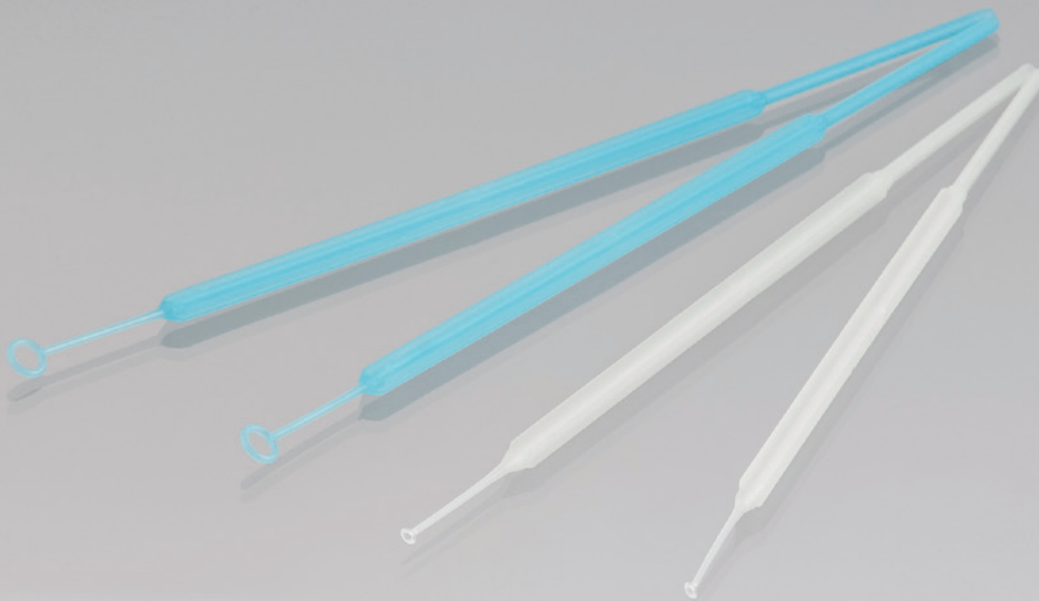
(Actual Size)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene Spreader Bar			
P10805050	Spreader Bar Clear, Gamma Sterile	5,000	0.061

Minimum order quantities may apply

Inoculating Loops

Inner pack: 1,000 (20 bags of 50 loops)
Features: Flexible to facilitate uniform and smooth streaking without damaging the gel surface
 Rigid enough to enable accurate selection of single colonies
 Colour coded for size identification
 Precalibrated gamma sterile
Complementary Products:
 Petri Dishes (refer pages 52-55)



(Actual Size)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene Inoculating Loops			
P10801050	1ul Loop Clear, Gamma Sterile	5,000	0.0324
P10803050	10ul Loop Blue, Gamma Sterile	5,000	0.0324

Minimum order quantities may apply

Histology Products



Product	Pg No.
Embedding Cassettes	60
Embedding Cassettes with Lid	61
Slide Mailer	62
Slide Mailer Single Clip	63



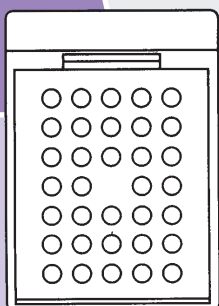
Tissue Embedding Cassette

Material: Acetal
Inner pack: 8 bags of 500 cassettes
Options: Other colours available on request
Features: Etched writing surface for ease of sample identification
Surface angle: 30 degrees



PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
CASS-01	Yellow	4,000	0.061
CASS-02	White	4,000	0.061
CASS-03	Light Blue	4,000	0.061
CASS-04	Pink	4,000	0.061
CASS-05	Light Green	4,000	0.061
CASS-06	Orange	4,000	0.061
CASS-07	Cream	4,000	0.061
CASS-08	Beige	4,000	0.061
CASS-09	Dark Orange	4,000	0.061
CASS-10	Lilac	4,000	0.061
CASS-11	Red	4,000	0.061
CASS-12	Purple	4,000	0.061
CASS-13	Aqua	4,000	0.061
CASS-14	Strawberry	4,000	0.061

Minimum order quantities may apply



(Actual Size)

Tissue Embedding Cassette with Lid

Material: Acetal

Inner pack: 10 boxes of 200 cassettes

Options: Other colours available on request

Features: Etched writing surface for ease of sample identification
Clip on lid that is easily removed

Surface angle: 45 degrees



PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
CASLID-01	Cassette with Lid Yellow	2,000	0.068
CASLID-02	Cassette with Lid White	2,000	0.068
CASLID-03	Cassette with Lid Light Blue	2,000	0.068
CASLID-04	Cassette with Lid Pink	2,000	0.068
CASLID-05	Cassette with Lid Light Green	2,000	0.068
CASLID-06	Cassette with Lid Orange	2,000	0.068
CASLID-07	Cassette with Lid Cream	2,000	0.068
CASLID-08	Cassette with Lid Beige	2,000	0.068

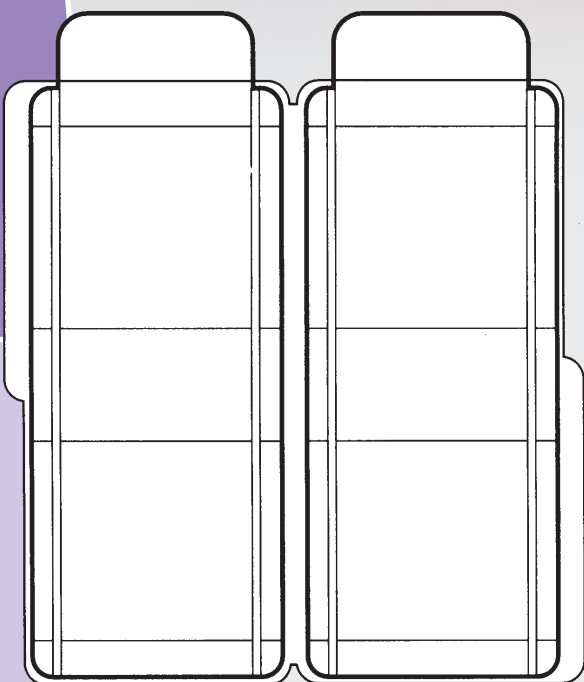
Minimum order quantities may apply



(Actual Size)

Material: Polypropylene
Inner pack: 10 bags of 100 mailers
Options: Personalised logos & colours are available on request
Features: Hinge style action & 3 Clip Close

Slide Mailer



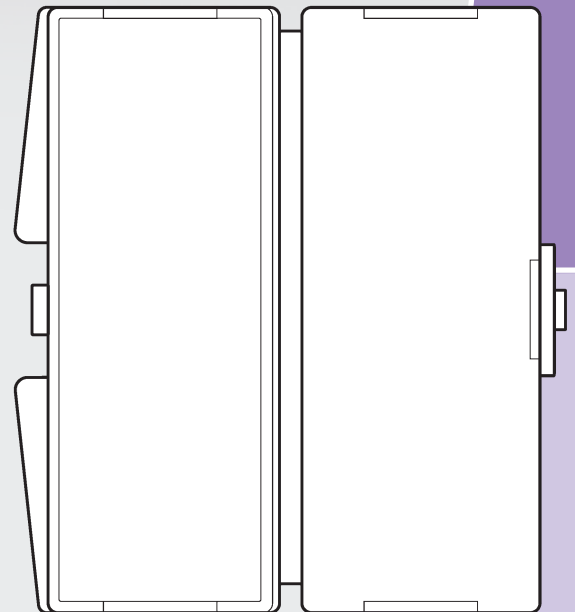
(Actual Size)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
MAILER-01	Red Tint	1,000	0.033
MAILER-03	Blue Tint	1,000	0.033
MAILER-04	Green	1,000	0.033
MAILER-08	Clear	1,000	0.033

Minimum order quantities may apply

Slide Mailer Single Clip

Material: Polypropylene
Inner pack: 10 bags of 100 mailers
Options: Personalised logos & colours are available on request
Features: Hinge style action & single clip close



(Actual Size)

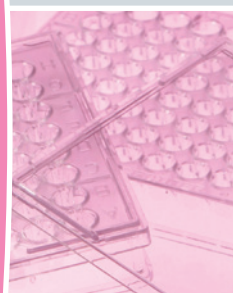
PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
MAILR1CLP-01	Red Tint	1,000	0.033
MAILR1CLP-03	Blue Tint	1,000	0.033
MAILR1CLP-08	Clear	1,000	0.033

Minimum order quantities may apply

General Laboratory & Medical Products

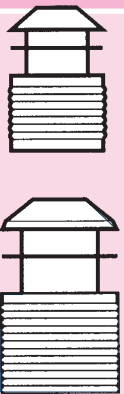


Product	Pg No.
AUSCAP - Finned Push Cap	66
Over Cap	67
Galli Pots	68
Forceps	69
Micro Test Plate 96 U Well	70



AUSCAP (Finned Push Cap)

Inner pack: 1,000 caps per bag
Options: Other colours are available on request
Features: Polyethylene finned push cap style
Complementary Products: Suits a range of our tubes (please refer pages 13, 15, 22 & 24)



(Actual Size)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
12mm Polyethylene AUSCAP (Finned Push Cap)			
AUSCAP1201	12mm Natural Cap Only	20,000	0.078
16mm Polyethylene AUSCAP (Finned Push Cap)			
AUSCAP1601	16mm Natural Cap Only	10,000	0.094

Minimum order quantities may apply

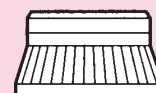
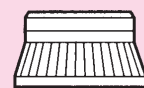
Over Cap

Inner pack: 1,000 caps per bag
Options: Other colours are available on request
Features: 13mm & 16mm suits both Greiner and BD evacuated tubes.
Complementary Products:
 17mm over cap suits our 12ml Round Bottom tube
 (please refer page 22)



PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
13mm Polyethylene Over Cap			
OC1301	13mm Natural Cap Only	20,000	0.078
16mm Polyethylene Over Cap			
OC1601	16mm Natural Cap Only	20,000	0.094
17mm Polyethylene Over Cap			
OC1701	17mm Red Tint Cap Only	20,000	0.094

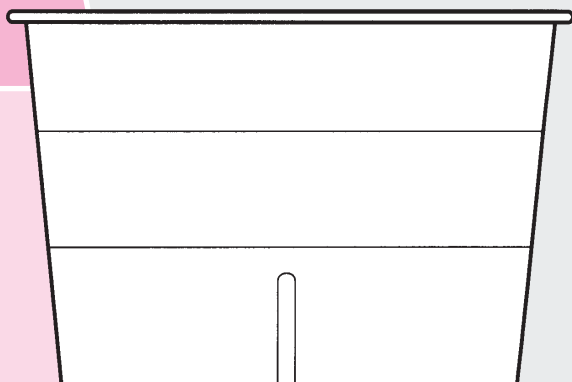
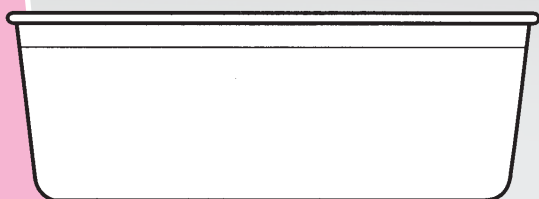
Minimum order quantities may apply



(Actual Size)

Brimful: 60ml – 64ml
 150ml – 156.7ml
Inner pack: Stacked in rows
Features: Stackability of pots
 Graduations in 20ml steps (graduations inside)

Galli Pots



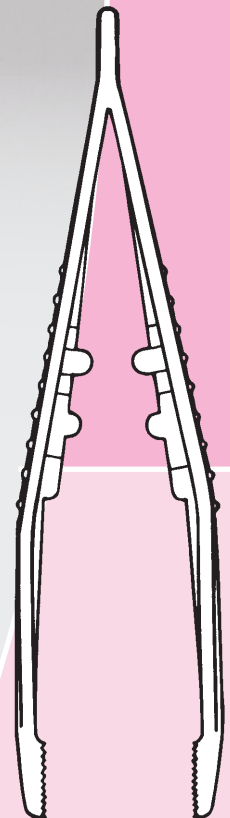
(Actual Size External)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polypropylene Galli Pot			
P7025	60ml, Clear	2,000	0.078
P7550	150ml, Clear	1,000	0.094

Minimum order quantities may apply

Forceps

Options: Other colours are available on request
Features: Ideal when handling hazardous materials
 Teeth for gripping



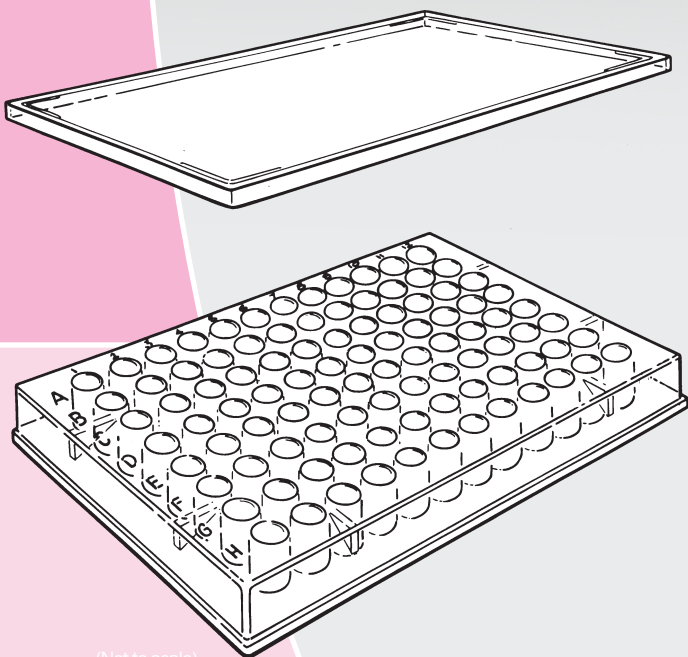
(Actual Size)

PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
PF107	Polypropylene, 107mm, Autoclavable	3,000	0.094
SF107	Polystyrene, 107mm, Green	3,000	0.094
SF107Y	Polystyrene, 107mm, Yellow	3,000	0.094

Minimum order quantities may apply

Inner pack: 10 plates per bag
Features: 96 round 'U' well design
 Individual well capacity 0.3ml
 Labelled grid for ease of sample identification

96 Well Micro Test Plate



(Not to scale)


PRODUCT CODE	DESCRIPTION	CTN QTY	CTN/M3
Polystyrene Microtitration Plate			
SMPU	Non Sterile	300	0.078
SMPUL	With Lid, Non Sterile	140	0.033
SMPSL	With Lid, Gamma Sterile	140	0.033

Minimum order quantities may apply




Standard Labels


5ml
SPECIMEN CONTAINER
 NAME.....


 D.O.B.....
 HOSP No.....
 WARD or Dr.....
 DATE.....TIME.....
 128A


5ml
STERILE TUBE
 NAME & UR

 SENDER

 DATE
 TIME
 029A

STERILE CONTAINER
 NAME
 SPECIMEN
 SENDER
 DATE TIME
 D.O.B. No.
 032

SPECIMEN CONTAINER
 NAME
 SPECIMEN
 SENDER
 DATE TIME
 D.O.B. No.
 161B

BACTERIOLOGICAL WATER SAMPLE
 Sender:.....
 Source:.....
 Sample:.....Date:.....
 Number:.....Time:.....
 016A

THIO



Techno Plas

SERVICE | INNOVATION | RESULTS

Environmental Management

At Techno Plas we take our responsibility for the environment and the impact we have on it very seriously.

We undertake independent energy audits, contract annual independent Carbon Footprint assessments and machine power logging to ensure the continual reduction of our environmental impact.

Techno Plas strives to bring the latest technologies from around the world into our factory. Over 50% of our production has been converted to highly energy efficient electric moulding machines reducing power usage by over 30%.

Our future investment focus is to continue to drive the reduction of our Carbon Footprint.

To enhance our energy efficiency, we combine multi cavity tooling upgrades in our capital investment plan enabling us to significantly reduce our kwh electricity consumption, per kg of plastic resin processed.

In addition Techno Plas works closely with our customers to remove unnecessary elements from their products and packaging, creating benefits for the environment and our customers.

We are continually reviewing our packaging and logistics to reduce packaging waste and minimise the freight component of our carbon footprint.

Plastic Recycling

Recycling Codes	Plastic	Material Properties
	PET - Polyethylene Terephthalate	Transparent, high clarity with excellent light permeability. Chemical stability may be suspect. Low permeation gas rate compared to other thermoplastics. Has good barrier to oxygen, carbon dioxide and water vapour.
	HDPE - High Density Polyethylene	Hard to semi-flexible, strong, tough, resistance to chemicals and moisture, permeability to gas.
	LDPE - Low Density Polyethylene	Soft, flexible, strong, tough, translucent, scratches easily.
	PP - Polypropylene	Translucent, durable and impact resistant. Strong, tough, good resistance to heat, chemicals, grease and oil, barrier to moisture. Has good thermal stability to 121 degrees celsius. Suitable for autoclaving and centrifugation.
	PS - Polystyrene	Transparent, high clarity with excellent light permeability. Thermal stability is good to approximately 70 degrees celsius. Not suitable for high centrifugal forces or autoclaving. Affected by fats and solvents
	Other PC - Polycarbonate	Excellent physical properties. Outstanding clarity, physical strength, thermally stable to 138 degrees celsius. Suitable for autoclaving. Chemical stability may be suspect

Not all types of plastics are generally recycled and recycling facilities may not be available in some areas. The information above is provided as a guide only.

Chemical Resistance Chart

	LDPE		HDPE		PP		PET		PC		PS	
	20	50	20	50	20	50	20	50	20	50	20	50
Temperature °C	20	50	20	50	20	50	20	50	20	50	20	50
Acetaldehyde	G	N	G	R	G	N	-	N	R	N	N	N
Acetic Acid 50%	E	E	E	E	E	E	R	N	E	G	G	G
Acetic Anhydride	N	N	R	R	G	R	-	-	N	N	N	N
Acetone	N	N	N	N	G	G	N	N	N	N	N	N
Acetophenone	N	N	R	R	R	R	-	N	N	N	N	N
Allyl Alcohol	E	E	E	E	E	E	-	N	G	R	G	R
Aluminum Chloride	E	E	E	E	E	E	-	E	E	G	E	E
Ammonia	E	E	E	E	E	E	-	N	N	N	G	R
Ammonia 25%	E	E	E	E	E	E	-	N	N	N	E	G
Ammonium Chloride	E	E	E	E	E	E	-	N	E	G	E	E
Amyl Alcohol	E	E	E	E	E	E	-	G	G	R	G	R
Aniline	E	G	E	G	G	R	-	N	R	N	N	N
Aqua Regia	N	N	N	N	N	N	-	N	N	N	N	N
Arsenic Acid	G	R	E	G	E	E	-	E	E	E	E	E
Benzaldehyde	E	G	G	N	E	G	-	N	R	N	N	N
Benzene	N	N	N	N	N	N	N	N	N	N	N	N
Benzyl Acetate, pure	E	G	E	E	E	G	-	-	R	N	N	N
Benzyl Alcohol, pure	N	N	R	N	G	G	N	N	N	N	N	N
Boric Acid	E	E	E	E	E	E	N	N	E	E	E	G
Bromoform, pure	N	N	N	N	N	N	-	-	N	N	N	N
Butyl Acetate	G	R	G	R	G	R	-	N	N	N	N	N
Calcium Chloride	E	E	E	E	E	E	-	G	G	R	E	E
Calcium Hypochlorite, sat.	E	E	E	E	E	E	-	G	R	N	G	R
Carbon Tetrachloride	R	N	G	R	G	R	N	N	N	N	N	N
Caustic Soda 50%	G	G	G	R	E	E	N	N	N	N	E	G
Chlorine 10% (moist)	G	N	G	R	R	N	-	-	G	R	N	N
Chlorine Water	G	N	G	R	R	N	-	N	G	R	N	N
Chlorobenzene	N	N	N	N	N	N	-	N	N	N	N	N
Chloroform	R	N	R	N	N	N	-	N	N	N	N	N
Chromic Acid 10%	E	E	E	E	E	E	G	-	G	R	E	G
Chromic Acid 20%	E	E	E	E	G	G	-	N	G	R	G	G
Chromic Acid 50%	E	E	E	E	G	R	-	-	R	N	R	N
Chromic Sulfuric Acid 96%	N	N	N	N	N	N	E	N	N	N	N	N
Citric Acid 10%	E	E	E	E	E	E	G	-	E	E	E	E
Copper Sulfate	E	E	E	E	E	E	E	E	E	E	E	E
Decahydronaphthalene	G	R	E	G	G	R	-	N	N	N	N	N
Dibutyl Phthalate	N	N	N	N	N	N	-	G	G	N	N	N
Diethyl Ether	N	N	R	N	N	N	-	N	N	N	N	N
Ethanol 40%	E	G	E	E	E	G	G	-	E	G	G	R

E = Excellent resistance

G = Good resistance

R = Reasonable /Moderate resistance

N = Poor resistance, not recommended



Chemical Resistance Chart

	LDPE		HDPE		PP		PET		PC		PS	
	20	50	20	50	20	50	20	50	20	50	20	50
Temperature °C	20	50	20	50	20	50	20	50	20	50	20	50
Ether	N	N	R	N	N	N	E	-	N	N	N	N
Ethyl Acetate	E	E	E	E	E	G	N	N	N	N	N	N
Ethyl Alcohol (absolute)	E	G	E	E	E	G	-	-	E	G	R	N
Ethyl Alcohol 40%	E	G	E	E	E	G	G	-	E	G	G	R
Ethyl Alcohol 96%	E	G	E	E	E	G	G	G	E	G	G	R
Ethylene Chloride	G	N	G	R	R	N	N	N	N	N	N	N
Ethylene Glycol	E	E	E	E	E	E	E	E	G	R	E	E
Ethylene Oxide 100%	R	R	G	R	R	N	G	R	R	N	N	N
Ethylene Oxide gas	G	G	E	E	E	E	G	R	E	E	E	G
EtO, gas	G	G	E	E	E	E	G	R	E	E	E	G
EtO, pure	R	R	G	R	R	N	G	R	R	N	N	N
Fatty Acids	E	G	E	E	E	G	G	R	G	R	E	R
Fluorides	E	E	E	E	E	E	-	-	E	E	G	G
Fluorine	R	N	G	N	R	N	-	N	G	R	N	N
Formaldehyde 10%	E	E	E	E	E	E	-	R	E	G	R	N
Formaldehyde 40%	E	G	E	G	E	E	-	-	E	E	G	G
Formalin 10%	E	E	E	E	E	E	-	-	E	G	R	N
Formalin 40%	E	G	E	E	E	G	-	-	E	G	N	N
Formic Acid 3%	E	G	E	E	E	E	-	G	E	G	E	E
Formic Acid 50%	G	G	E	E	E	G	-	-	G	R	G	R
Formic Acid 85%	G	G	E	E	E	G	-	-	R	N	G	R
Formic Acid, pure	G	G	E	E	E	G	-	-	R	N	G	R
Fuel Oil	R	N	G	R	E	G	-	-	E	G	N	N
Gasoline	R	N	G	G	G	R	-	-	R	R	N	N
Glycerine	E	E	E	E	E	E	-	E	E	E	E	E
Glycerol, pure	E	E	E	E	E	E	-	-	E	E	E	E
Hexane	N	N	G	R	G	R	E	N	R	N	N	N
Hydrobromic Acid 69%	E	E	E	G	E	G	-	-	G	R	R	R
Hydrochloric Acid 20%	E	E	E	E	E	E	E	G	G	R	E	E
Hydrochloric Acid 35%	E	E	E	E	E	G	G	-	R	N	E	E
Hydrochloric Acid 5%	E	E	E	E	E	E	G	-	E	E	E	E
Hydrofluoric Acid 48%	E	E	E	E	E	E	-	N	N	N	N	N
Hydrogen Peroxide 3%	E	E	E	E	E	G	G	-	E	E	E	G
Hydrogen Peroxide 30%	E	G	E	E	E	G	E	G	E	E	E	G
Hydrogen Peroxide 90%	E	N	E	E	E	R	G	-	E	E	E	G
Iodine Crystals	N	N	N	N	E	E	-	-	G	N	G	R
Isopropanol 100%	E	E	E	E	E	E	-	-	E	E	E	G
Isopropyl Acetate, pure	G	R	E	G	G	R	-	-	N	N	N	N
Isopropyl Alcohol 100%	E	E	E	E	E	E	-	-	E	E	E	G

This information is a guide only. We recommend users perform their own tests to determine suitability.

Cont....

	LDPE		HDPE		PP		PET		PC		PS	
	20	50	20	50	20	50	20	50	20	50	20	50
Temperature °C	20	50	20	50	20	50	20	50	20	50	20	50
Isopropyl Benzene, pure	R	N	R	N	R	N	-	-	N	N	N	N
Isopropyl Ether, pure	N	N	R	N	N	N	-	-	N	N	N	N
Jet Fuel	R	N	R	N	R	N	-	-	G	N	G	R
Kerosene	R	N	R	N	R	N	G	-	E	-	N	N
Lacquer Thinner	N	N	R	N	R	N	N	N	N	N	N	N
Lactic Acid 85%	E	E	E	E	E	G	-	-	E	G	G	G
Lead Acetate	E	E	E	E	E	E	-	N	E	E	E	E
Magnesium Chloride	E	E	E	E	E	E	-	G	E	E	E	E
Mercuric Chloride	E	E	E	E	E	E	N	N	E	E	G	R
Mercury	E	E	E	E	E	E	-	R	N	N	E	E
Methanol 100%	E	E	E	E	E	E	G	-	G	R	R	N
Methyl Acetate	R	N	R	R	G	R	-	-	N	N	N	N
Methyl Alcohol	E	E	E	E	E	E	G	G	G	R	R	N
Methyl Alcohol 100%	E	E	E	E	E	E	G	-	G	R	R	N
Methyl Alcohol, pure	E	G	E	E	E	E	G	-	G	R	G	R
Methyl Ethyl Ketone, pure	N	N	N	N	E	G	G	-	N	N	N	N
Methyl Isobutyl Ketone, pure	N	N	N	N	G	R	N	N	N	N	N	N
Methyl Propyl Ketone, pure	N	N	R	N	G	R	N	N	N	N	N	N
Methylene Chloride	R	N	R	N	R	N	N	N	N	N	N	N
Methyl-t-Butyl Ether, pure	N	N	R	N	R	N	N	N	N	N	N	N
Mineral Oil	G	N	E	E	E	E	N	N	E	G	E	E
Mineral Spirits	R	N	R	N	R	N	G	-	R	R	R	R
Nitric Acid 20%	E	G	G	R	R	R	E	G	G	R	R	N
Nitric Acid 50%	G	R	R	N	R	N	G	-	G	R	R	N
Nitric Acid 70%	R	N	R	N	N	N	N	N	G	N	N	N
n-Octane, pure	E	E	E	E	E	E	-	-	G	R	N	N
Oxalic Acid 10%	E	E	E	E	E	E	-	R	E	E	E	E
Perchloroethylene	N	N	N	N	N	N	-	R	N	N	N	N
Petroleum	N	N	N	N	N	N	-	R	R	R	N	N
Phenol 100%	N	N	N	N	N	N	N	N	N	N	N	N
Phenol, crystal	R	N	G	R	G	N	N	N	N	N	N	N
Phenol, liquid	N	N	N	N	N	N	N	N	N	N	N	N
Phosphoric Acid 85%	E	E	E	E	E	G	-	N	E	G	E	G
Picric Acid, pure	N	N	N	N	N	N	-	-	N	N	G	R
Potassium Chloride	E	E	E	E	E	E	-	R	E	E	E	E
Potassium Hydroxide 30%	E	E	E	E	E	E	-	N	N	N	G	G
Potassium Permanganate	E	E	E	E	E	E	-	R	E	E	G	R
Propane, gas	N	N	E	E	N	N	-	-	R	N	N	N
Propionic Acid, pure	R	N	E	R	E	G	-	-	N	N	G	N

E = Excellent resistance

G = Good resistance

R = Reasonable /Moderate resistance

N = Poor resistance, not recommended



Chemical Resistance Chart

	LDPE		HDPE		PP		PET		PC		PS	
	20	50	20	50	20	50	20	50	20	50	20	50
Temperature °C	20	50	20	50	20	50	20	50	20	50	20	50
Propylene Oxide, pure	E	G	E	E	E	G	-	-	G	R	N	N
Pyridine	N	N	N	N	N	N	-	N	N	N	N	N
Resorcinol, saturated	E	E	E	E	E	E	-	-	G	R	G	R
Silicone Oil, pure	E	G	E	E	E	E	N	N	E	E	E	G
Silver Acetate	E	E	E	E	E	E	-	-	E	G	G	G
Silver Nitrate	E	G	E	E	E	G	-	R	E	E	G	R
Sodium Acetate, pure	E	E	E	E	E	E	-	-	E	G	E	E
Sodium Carbonate	E	E	E	E	E	E	E	E	G	R	E	G
Sodium Dichromate	E	E	E	E	E	E	-	E	E	E	E	E
Sodium Hydroxide 10%	G	G	G	R	E	E	E	R	N	N	E	G
Sodium Hypochlorite 15%	E	R	E	G	R	N	G	-	G	R	E	G
Sulfur Dioxide, pure	N	N	R	N	E	E	-	-	G	N	N	N
Sulfur Salts, pure	R	N	G	R	R	N	-	-	R	N	N	N
Sulfuric Acid 30%	E	E	E	E	G	G	G	G	G	R	G	N
Sulfuric Acid 96%	G	G	R	N	R	N	N	N	N	N	R	R
Sulfuric Acid, concentrated	G	G	R	N	N	N	N	N	N	N	N	N
Tartaric Acid, pure	E	E	E	E	E	E	-	-	E	G	E	G
TCA, pure	R	N	R	N	G	R	-	-	R	N	R	N
Tetrahydrofuran	R	N	G	R	G	R	-	N	N	N	N	N
THF, pure	R	N	R	N	G	R	-	-	N	N	N	N
Thionyl Chloride, pure	N	N	N	N	N	N	-	-	N	N	N	N
Tincture of Iodine	E	G	E	G	G	G	-	R	N	N	G	R
Toluene	R	N	R	N	R	N	R	N	R	N	N	N
Tributyl Citrate, pure	G	R	E	G	G	R	-	-	N	N	N	N
Trichloroacetic Acid, pure	R	N	R	N	G	R	-	-	R	N	R	N
Trichloroethane, pure	N	N	N	N	N	N	-	-	N	N	N	N
Trichloroethylene	N	N	R	N	N	N	-	R	N	N	N	N
Triethylene Glycol, pure	E	E	E	E	E	E	-	-	E	G	E	G
Tripropylene Glycol, pure	E	E	E	E	E	E	-	-	E	G	E	E
Trisodium Phosphate	E	E	E	E	E	E	-	R	R	N	E	E
Turpentine	R	N	G	G	G	R	E	-	R	N	N	N
Undecyl Alcohol, pure	E	R	E	G	E	G	-	-	G	R	G	G
Urea	E	E	E	E	E	E	-	G	G	R	E	G
Vinylidene Chloride, pure	N	N	R	N	N	N	-	-	N	N	N	N
Xylene	G	N	R	N	R	N	-	G	N	N	N	N
Zinc Chloride 10%	E	E	E	E	E	E	-	G	E	E	G	R
Zinc Stearate, pure	E	E	E	E	E	E	-	-	E	E	E	E
Zinc Sulfate	E	E	E	E	E	E	-	G	E	E	E	E

This information is a guide only. We recommend users perform their own tests to determine suitability.

Physical Properties & Chemical Resistance Summary

Material Physical Properties	HDPE	LDPE	PC	PET	PP	PS	HIPS
Min Temp °C	-40	-40	-100	-15	0	-10	-10
Max Temp °C	80	75	143	70	121	80	90
Clarity	O	O	C	C	TL	C	O
Microwavability	NO	YES	Marginal*	YES	YES	NO	NO
Autoclavable	NO	NO	YES	NO	YES**	NO	NO
Gas Sterilisation	YES	YES	YES	YES	YES	YES	YES
Dry Heat Sterilisation	NO	NO	NO	NO	NO	NO	NO
Gamma Irradiation Sterilisation	YES	YES	YES	YES	YES	YES	YES
Specific Gravity	0.95	0.92	1.2	1.27	0.9	1.05	-
Flexibility	R	F	R	R	R	R	R
Gas permeability N2	Low	Low	Very Low	Low	Low	Very Low	-
Gas permeability O2	High	High	Very Low	Low	High	Low	-
Gas permeability CO2	Very High	Very High	Low	Low	Very High	High	-
Water Absorption Rate %	<0.01	<0.01	0.35	0.15	<0.02	0.05	-
Suitable for Food & Bev use	YES	YES	YES	YES	YES	YES	YES
Burning Rate	Slow	Slow	Self Extinguishing	Slow	Slow	Slow	Slow

* Plastic absorbs heat ** Repeated autoclaving will deteriorate product

Groups of Substances	HDPE	LDPE	PC	PET	PP	PS
Acids - Dilute or weak	E	E	E	E	E	E
Acids - Strong & Concentrated ***	E	E	N	N	E	R
Alcohols	E	E	G	E	E	E
Aldehydes	G	G	R	N	G	N
Bases	E	E	N	N	G	E
Chloroform	N	N	N	N	N	N
Esters	G	G	N	N	G	N
Formaldehyde	E	E	G	N	E	N
Hydrocarbons - aliphatic	G	R	R	E	G	N
Hydrocarbons - aromatic	G	R	N	N	R	N
Hydrocarbons - halogenated	R	N	N	N	R	N
Ketones	G	G	N	N	G	N
Oxidising Agents - Strong	R	R	N	N	N	N

*** Except for oxidising acids. See 'Oxidising Agents - Strong' for oxidising acids.

Material Abbreviations

HDPE	High Density Polyethylene
LDPE	Low Density Polyethylene
PC	Polycarbonate
PET	Polyethylene Terephthalate
PP	Polypropylene
PS	Polystyrene
HIPS	High Impact Polystyrene

General Abbreviations

C	Clear
O	Opaque
TL	Translucent
F	Flexible
R	Rigid

E	Excellent, no affect
G	Good, minor affect
R	Reasonable, moderate affect
N	Not recommended, poor resistance

Plastics start to become brittle at temperatures below 0°C. The suitability of products intended for use in these temperature ranges should be tested prior to use. The information provided serves as a guideline only and is not confirmation of warranted quality.



Code Index

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C10065UU	36	P10016	22	P8027-06	30	S5744ULUV	33
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C5016UU	11	P10065UU	36	P9246UU	35	S7512	13
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C8027SU	30	P10801050	57	P9716F-02	46	S7512UU	13
C8027UU	30	P10803050	57	P9716SL	17	S7611	12
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C9025UU	31	P10844-06	42	P9716UL	17	S8027SLI	38
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C9414UU	16	P10844SU	34	P9716VUU	18	S8027-28	30
C9716UU	17	P10844ULUV	34	PET18068-06	42	S8027F	47
CASLID-01	61	P10844UU	34	PET18068-07	42	S8027SU	30
CASLID-02	61	P10844UUUV	34	PET18068SU	39	S8027UU	30
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