



PACKAGING CATALOGUE



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Registered in England No 145824
Authorised Share Capital £1,000,000

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Packaging Catalogue

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A HISTORY OF GROWTH & DEVELOPMENT



Head office and glassworks, Woking



Blow-moulding and printworks, Woking

S Murray was founded in 1915, initially as a distributor of medical glassware.

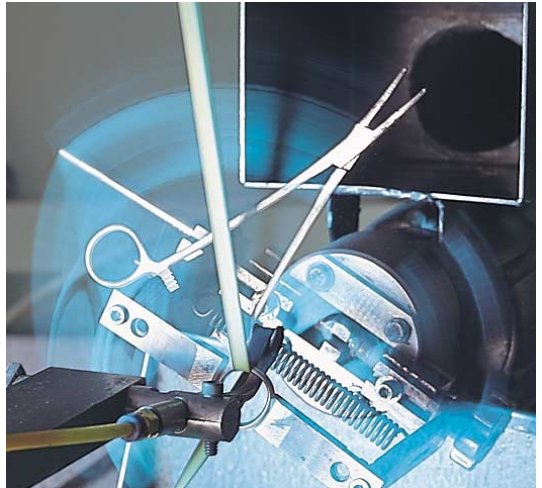
The company rapidly developed to become a leading British manufacturer of laboratory consumables and has since diversified into blow-moulding and silk-screen printing at

Woking, and the manufacture of surgical instruments in Sheffield.

Represented by more than 300 wholesalers and distributors worldwide, the S Murray name is known internationally for quality, service and competitive pricing.



Sheffield factory



Notable Milestones

Owner managed for four generations, S Murray & Co has a history of growth and development with a number of notable milestones:-

Plastic Containers

Beginning with the distributorship of Fibrenyle products in 1963, the company commenced in-house manufacture in 1984, then acquired blow-moulding and silk-screen specialists Miller Mouldings Ltd in 1989.

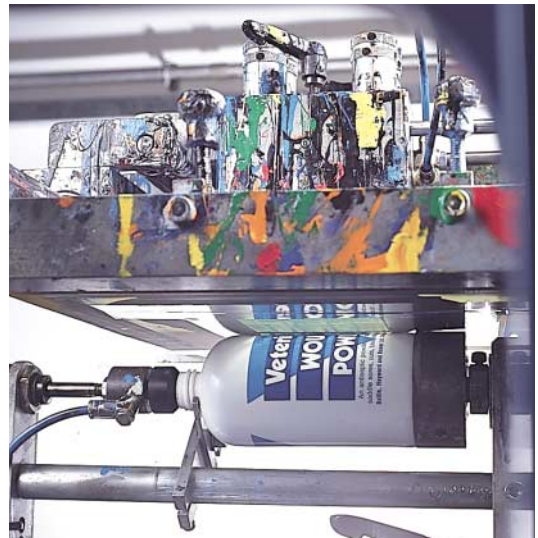
Manufacture was relocated to Woking in 2001.

Laboratory Equipment

Manufacture of test tubes was relocated from London to Woking in 1941. The company commenced distribution of Trident Vials in 1964 and acquired laboratory scaffolding manufacturer Climplex Ltd in 1998.

Surgical Instruments

The acquisition of Sheffield-based surgical and dissecting instrument manufacturers George Gill & Sons took place in 1948, Nowlin & Son in 1990 and Heeley Surgical in 1999. Manufacture relocated to a new purpose built factory, still in Sheffield, in 2003.



S Murray's current extensive range of packaging products includes bottles and jars from 5ml to 25litre in capacity, most of which are manufactured at the Woking factory.

Where a unique brand image is required, the company will produce custom moulded containers, drawing on more than 40 years of experience. The company provides expert advice throughout, model making when necessary, and a rapid turnaround of tooling

at competitive prices for quantities from as low as 25,000.

Silk Screen Printing is an integral part of the company's activities. The printworks is adjacent to the factory, allowing minimal handling and maximum efficiency.

S Murray offers a short-run printing facility from only 2,000 passes. Longer runs are welcomed at very competitive prices.



S Murray is totally committed to today's quality requirements.

One of the first healthcare manufacturers to obtain BS5750 certification in 1991, upgraded to BS EN ISO 9002:1994 in 1995, then to BS EN ISO 9001:2000 in 2003.

Certification to this revised standard, with its emphasis on customer satisfaction, assures continued professional service and properly controlled and documented quality of product.

FDA registration was achieved in 2003.

S Murray is also committed to the care of the environment, with on-going development of a best practice environmental management system, in accordance with BS EN ISO 14001:1996.

Health and Safety procedures are embedded at every level of S Murray's activities - the company was a founder signatory to the G.L.A.S.S. Charter (**Goal:Less Accidents – Safe Sites**) sponsored by British Glass and the H.S.E.

This culture goes beyond protecting staff and visitors to the company sites, providing assurance that the company's products are safe when properly used.

S Murray is an equal opportunities company, with a well established training and development program in accordance with the principles of Investors in People.

The majority of employees are working towards a National Vocational Qualification, successful candidates have already received awards ranging from Level 2 to Level 5.

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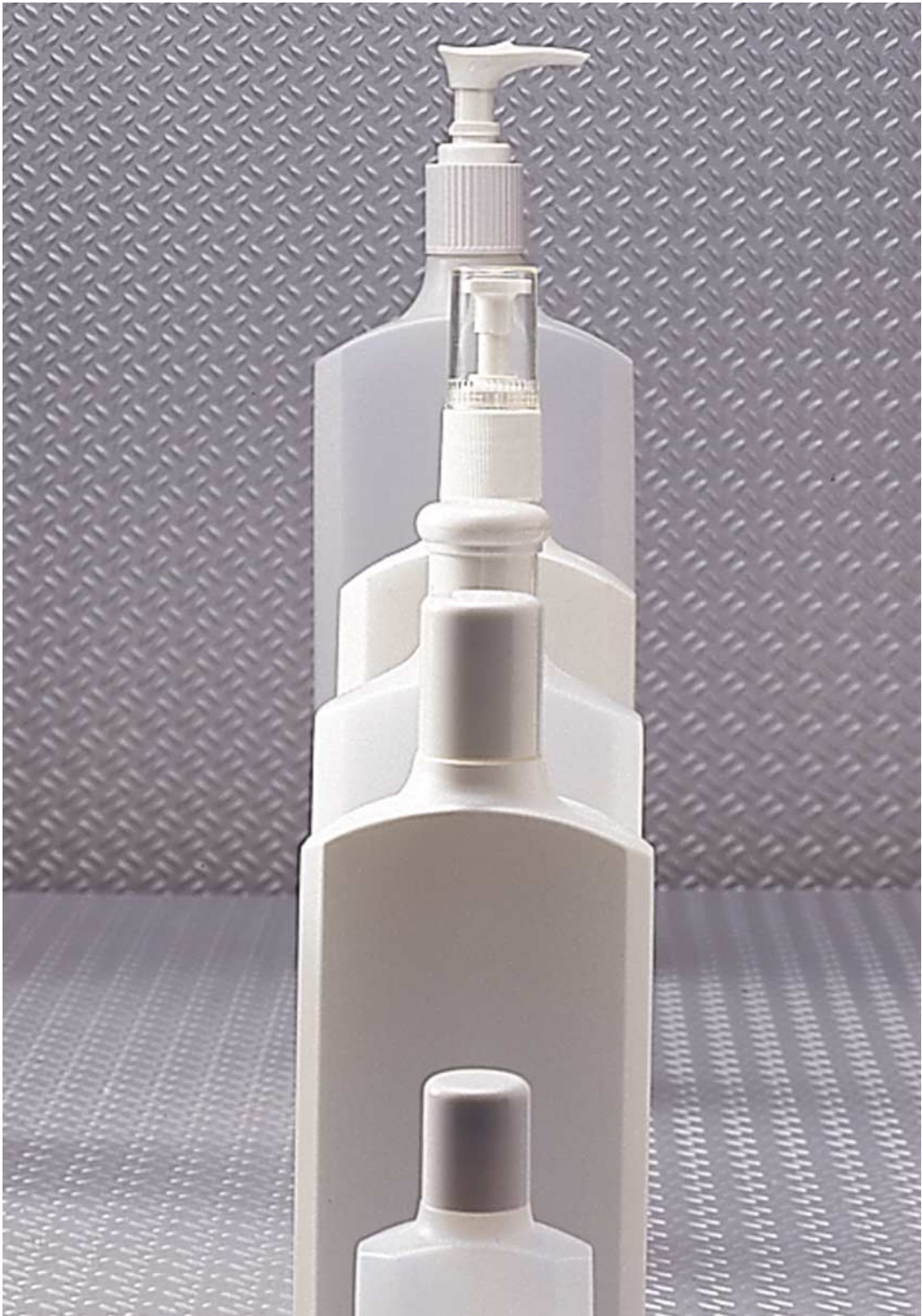
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PLAIN ROUND

- Traditional bottles with round shoulders
- Suitable for sprays, pumps and nozzles, as well as caps
- Other standard colours are available to special order, subject to a minimum quantity of 10,000

Low Density Polythene, Natural

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P001/01 | 60 | 86 | 38 | 57 x 48 | 22mm R6 |
| P001/02 | 125 | 102 | 48 | 67 x 65 | 22mm R6 |
| P001/03 | 175 | 117 | 52 | 75 x 71 | 22mm R6 |
| P001/04 | 250 | 130 | 59 | 88 x 81 | 22mm R6 |
| P001/05 | 315 | 125 | 65 | 80 x 90 | 22mm R6 |
| P001/06 | 360 | 140 | 65 | 100 x 90 | 22mm R6 |

Low Density Polythene, White

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P001/11 | 60 | 86 | 38 | 57 x 48 | 22mm R6 |
| P001/12 | 125 | 102 | 48 | 67 x 65 | 22mm R6 |
| P001/13 | 175 | 117 | 52 | 75 x 71 | 22mm R6 |
| P001/14 | 250 | 130 | 59 | 88 x 81 | 22mm R6 |
| P001/15 | 315 | 125 | 65 | 80 x 90 | 22mm R6 |
| P001/16 | 360 | 140 | 65 | 100 x 90 | 22mm R6 |

High Density Polythene, Natural

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P001/20 | 30 | 68 | 30 | 30 x 28 | 18mm R4 |
| P001/21 | 60 | 86 | 38 | 57 x 48 | 22mm R6 |
| P001/22 | 125 | 102 | 48 | 67 x 65 | 22mm R6 |
| P001/23 | 175 | 117 | 52 | 75 x 71 | 22mm R6 |
| P001/24 | 250 | 130 | 59 | 88 x 81 | 22mm R6 |
| P001/25 | 315 | 125 | 65 | 80 x 90 | 22mm R6 |
| P001/26 | 360 | 140 | 65 | 100 x 90 | 22mm R6 |
| P001/27 | 500 | 170 | 73 | 105 x 103 | 24mm R4 |
| P001/28 | 580 | 173 | 75 | 125 x 105 | 33mm R3 |

High Density Polythene, White

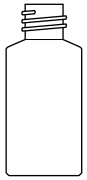
| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P001/30 | 30 | 68 | 30 | 30 x 28 | 18mm R4 |
| P001/31 | 60 | 86 | 38 | 57 x 48 | 22mm R6 |
| P001/32 | 125 | 102 | 48 | 67 x 65 | 22mm R6 |
| P001/33 | 175 | 117 | 52 | 75 x 71 | 22mm R6 |
| P001/34 | 250 | 130 | 59 | 88 x 81 | 22mm R6 |
| P001/35 | 315 | 125 | 65 | 80 x 90 | 22mm R6 |
| P001/36 | 360 | 140 | 65 | 100 x 90 | 22mm R6 |
| P001/37 | 500 | 170 | 73 | 105 x 103 | 24mm R4 |

Polypropylene, Natural

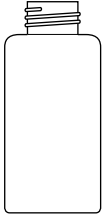
| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P001/71 | 60 | 86 | 38 | 57 x 48 | 22mm R6 |
| P001/72 | 125 | 102 | 48 | 67 x 65 | 22mm R6 |
| P001/74 | 250 | 130 | 59 | 88 x 81 | 22mm R6 |

PLAIN ROUND

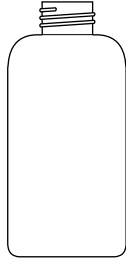
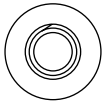
Scale 1:3 Front & Top View



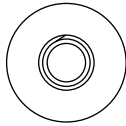
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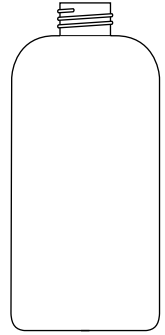
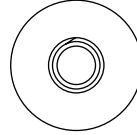
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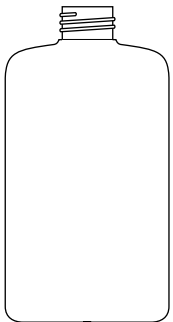
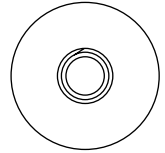
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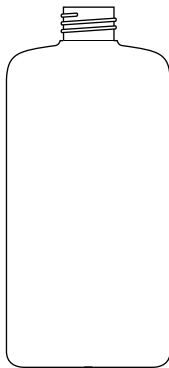
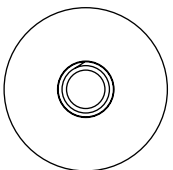
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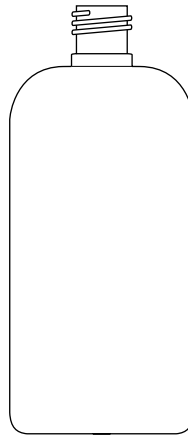
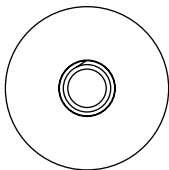
250ml



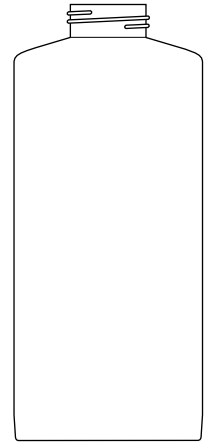
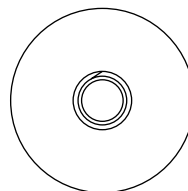
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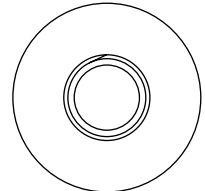
360ml



500ml



580ml



TUBULAR

- Round bottles with flat shoulders
- Suitable for sprays, pumps and nozzles, as well as caps
- 100ml and 250ml are available with two neck finishes, as standard

Tubular Bottles, Low Density Polythene, Natural

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P002/00 | 7 | 48 | 18 | 26 x 19 | 13mm R4 |
| P002/01 | 15 | 58 | 25 | 32 x 31 | 18mm R4 |
| P002/02 | 30 | 68 | 31 | 45 x 41 | 18mm R4 |

Tubular Bottles, Low Density Polythene, White

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P002/10 | 7 | 48 | 18 | 26 x 19 | 13mm R4 |
| P002/11 | 15 | 58 | 25 | 32 x 31 | 18mm R4 |
| P002/12 | 30 | 68 | 31 | 45 x 41 | 18mm R4 |

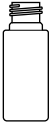
Tubular Bottles, High Density Polythene, Natural

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P002/20 | 7 | 48 | 18 | 26 x 19 | 13mm R4 |
| P002/21 | 15 | 58 | 25 | 32 x 31 | 18mm R4 |
| P002/22 | 30 | 68 | 31 | 45 x 41 | 18mm R4 |
| P002/24 | 100 | 106 | 42 | 77 x 56 | 22mm R6 |
| P002/25 | 150 | 128 | 40 | 95 x 62 | 22mm R6 |
| P002/26 | 200 | 142 | 48 | 105 x 66 | 22mm R6 |
| P002/27 | 250 | 155 | 51 | 118 x 71 | 22mm R6 |
| P002/29 | 500 | 199 | 64 | 155 x 90 | 28mm R6 |
| P002/74 | 100 | 114 | 42 | 77 x 56 | 22mm R4 |
| P002/77 | 250 | 166 | 51 | 118 x 71 | 22mm R4 |

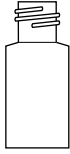
Tubular Bottles, High Density Polythene, White

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P002/30 | 7 | 48 | 18 | 26 x 19 | 13mm R4 |
| P002/31 | 15 | 58 | 25 | 32 x 31 | 18mm R4 |
| P002/32 | 30 | 68 | 31 | 45 x 41 | 18mm R4 |
| P002/34 | 100 | 106 | 42 | 77 x 56 | 22mm R6 |
| P002/35 | 150 | 128 | 40 | 95 x 62 | 22mm R6 |
| P002/36 | 200 | 142 | 48 | 105 x 66 | 22mm R6 |
| P002/37 | 250 | 155 | 51 | 118 x 71 | 22mm R6 |
| P002/39 | 500 | 199 | 64 | 155 x 90 | 28mm R6 |
| P002/84 | 100 | 114 | 42 | 77 x 56 | 22mm R4 |
| P002/87 | 250 | 166 | 51 | 118 x 71 | 22mm R4 |

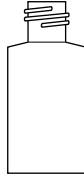
Scale 1:3 Front & Top View



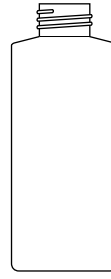
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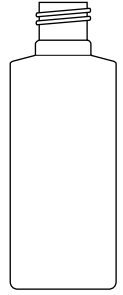
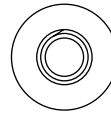
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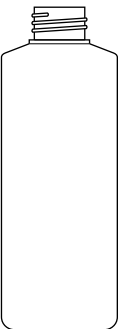
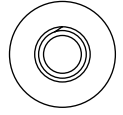
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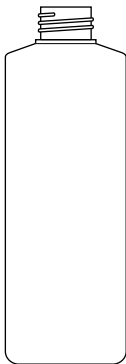
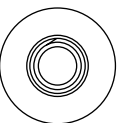
100ml
22mm R6



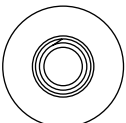
100ml
22mm R4



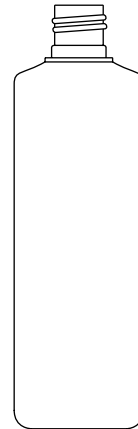
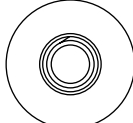
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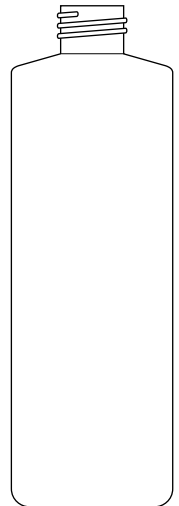
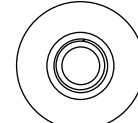
200ml



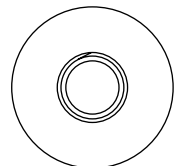
250ml
22mm R6



250ml
22mm R4



500ml



FLAT OVAL

- Flat oval bottles give excellent shelf cover, and a large area for print or label
- Sizes 125ml and 250ml are available with three neck finishes as standard
- All sizes available in low density polythene, white or natural

High Density Polythene, Natural

| Code | Capacity ml | Height mm | Width mm | Depth mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|-------------|-------------|---------------------------------------|-------------|
| P003/21 | 20 | 56 | 35 | 25 | 27 x 35 | 18mm R4 |
| P003/22 | 30 | 74 | 44 | 20 | 41 x 27 | 18mm R4 |
| P003/23 | 60 | 85 | 50 | 27 | 55 x 35 | 18mm R4 |
| P003/24 | 90 | 101 | 63 | 28 | 65 x 50 | 18mm R4 |
| P003/25 | 125 | 120 | 64 | 28 | 80 x 48 | 18mm R4 |
| P003/26 | 125 | 118 | 64 | 28 | 80 x 48 | 22mm R6 |
| P003/27 | 250 | 149 | 73 | 40 | 105 x 52 | 22mm R6 |
| P003/28 | 250 | 150 | 73 | 40 | 105 x 52 | 18mm R4 |
| P003/29 | 500 | 165 | 92 | 49 | 130 x 65 | 18mm R4 |
| P003/76 | 125 | 128 | 64 | 28 | 80 x 48 | 24mm R4 |
| P003/77 | 250 | 159 | 73 | 40 | 105 x 52 | 24mm R4 |
| P003/79 | 500 | 183 | 92 | 49 | 130 x 65 | 24mm R5 |

High Density Polythene, White

| Code | Capacity ml | Height mm | Width mm | Depth mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|-------------|-------------|---------------------------------------|-------------|
| P003/31 | 20 | 56 | 35 | 25 | 27 x 35 | 18mm R4 |
| P003/32 | 30 | 74 | 44 | 20 | 41 x 27 | 18mm R4 |
| P003/33 | 60 | 85 | 50 | 27 | 55 x 35 | 18mm R4 |
| P003/34 | 90 | 101 | 63 | 28 | 65 x 50 | 18mm R4 |
| P003/35 | 125 | 120 | 64 | 28 | 80 x 48 | 18mm R4 |
| P003/36 | 125 | 118 | 64 | 28 | 80 x 48 | 22mm R6 |
| P003/37 | 250 | 149 | 73 | 40 | 105 x 52 | 22mm R6 |
| P003/38 | 250 | 150 | 73 | 40 | 105 x 52 | 18mm R4 |
| P003/39 | 500 | 165 | 92 | 49 | 130 x 65 | 18mm R4 |
| P003/86 | 125 | 128 | 64 | 28 | 80 x 48 | 24mm R4 |
| P003/87 | 250 | 159 | 73 | 40 | 105 x 52 | 24mm R4 |
| P003/89 | 500 | 183 | 92 | 49 | 130 x 65 | 24mm R5 |

Polypropylene, White

| Code | Capacity ml | Height mm | Width mm | Depth mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|-------------|-------------|---------------------------------------|-------------|
| P003/66 | 125 | 118 | 64 | 28 | 80 x 48 | 22mm R6 |
| P003/67 | 250 | 149 | 73 | 40 | 105 x 52 | 22mm R6 |
| P003/96 | 125 | 128 | 64 | 28 | 80 x 48 | 24mm R4 |
| P003/97 | 250 | 159 | 73 | 40 | 105 x 52 | 24mm R4 |

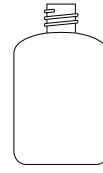
Scale 1:4 Front & Top View



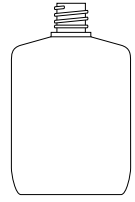
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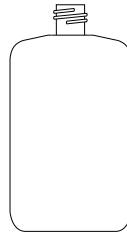
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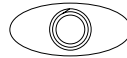
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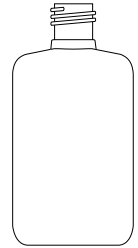
90ml



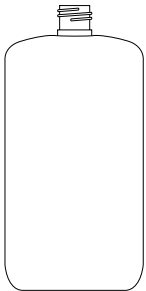
125ml
18mm R4



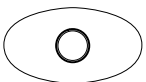
125ml
22mm R6



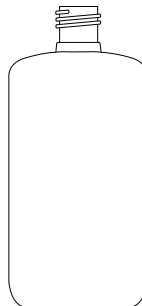
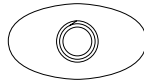
125ml
24mm R4



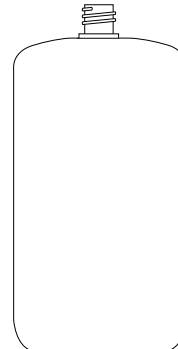
250ml
18mm R4



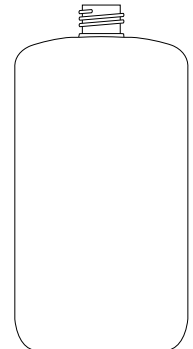
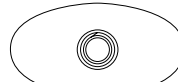
250ml
22mm R6



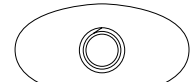
250ml
24mm R4



500ml
18mm R4



500ml
24mm R5



CYLINDRICAL

- Round bottles with a common neck finish for all sizes
- Available with specific double wall caps as illustrated
- Also suitable for sprays, pumps and standard caps
- Available in white as well as natural polythene

High Density Polythene, Natural

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P004/22 | 100 | 124 | 39 | 90 x 50 | 22mm R4 |
| P004/23 | 125 | 124 | 43 | 90 x 56 | 22mm R4 |
| P004/24 | 150 | 144 | 43 | 110 x 56 | 22mm R4 |
| P004/25 | 175 | 144 | 47 | 110 x 60 | 22mm R4 |
| P004/26 | 200 | 160 | 47 | 125 x 62 | 22mm R4 |
| P004/27 | 250 | 160 | 52 | 125 x 70 | 22mm R4 |

Double Wall Caps

| Code | Description | Neck Finish |
|---------|--|-------------|
| P512/10 | 39mm fits Cylindrical Bottle 100ml, polypropylene | 22mm R4 |
| P512/11 | 43mm fits Cylindrical Bottles 125ml and 150ml, polypropylene | 22mm R4 |
| P522/12 | 47mm fits Cylindrical Bottles 175ml and 200ml, polypropylene | 22mm R4 |
| P512/13 | 52mm fits Cylindrical Bottle 250ml, polypropylene | 22mm R4 |

QUARTIC

- Tall square section bottles, suitable for sprays and pumps, as well as caps
- The first three sizes are available with special overcaps, which are a push fit onto the heavy ribbed cap illustrated
- Available in white as well as natural polythene

Quartic, High Density Polythene, Natural

| Code | Capacity ml | Height mm | Diameter m | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|---------------|---------------------------------------|-------------|
| P005/22 | 50 | 78 | 36 | 33 x 16 | 24mm R4 |
| P005/23 | 125 | 156 | 36 | 110 x 16 | 24mm R4 |
| P005/24 | 250 | 187 | 45 | 130 x 25 | 24mm R4 |
| P005/25 | 500 | 224 | 57 | 165 x 30 | 24mm R4 |

Heavy Ribbed Cap

| Code | Description | Neck Finish |
|---------|---|-------------|
| P502/47 | Fits all Quartic Bottles, polypropylene | 24mm R4 |

Overcap

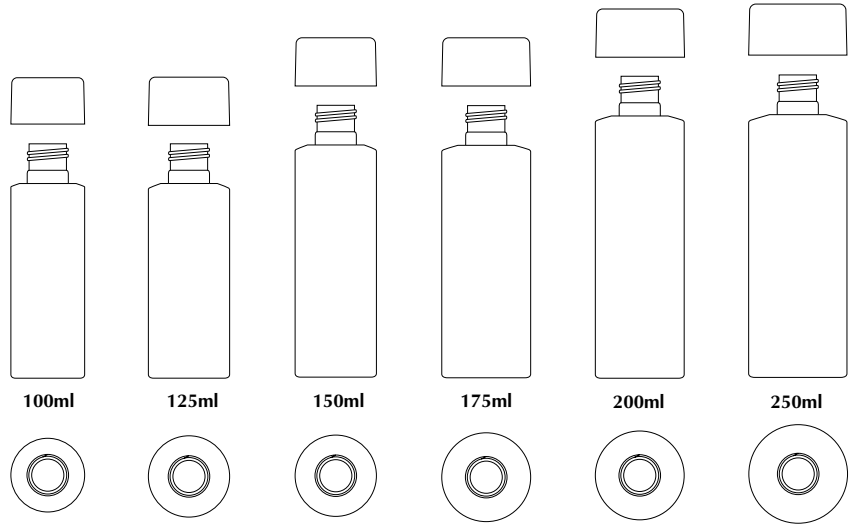
| Code | Description |
|---------|--|
| P600/02 | 36mm fits Quartic Bottles 50 and 125ml, white, polythene |
| P600/03 | 45mm fits Quartic Bottles 250ml, white, polythene |

BOTTLES

CYLINDRICAL

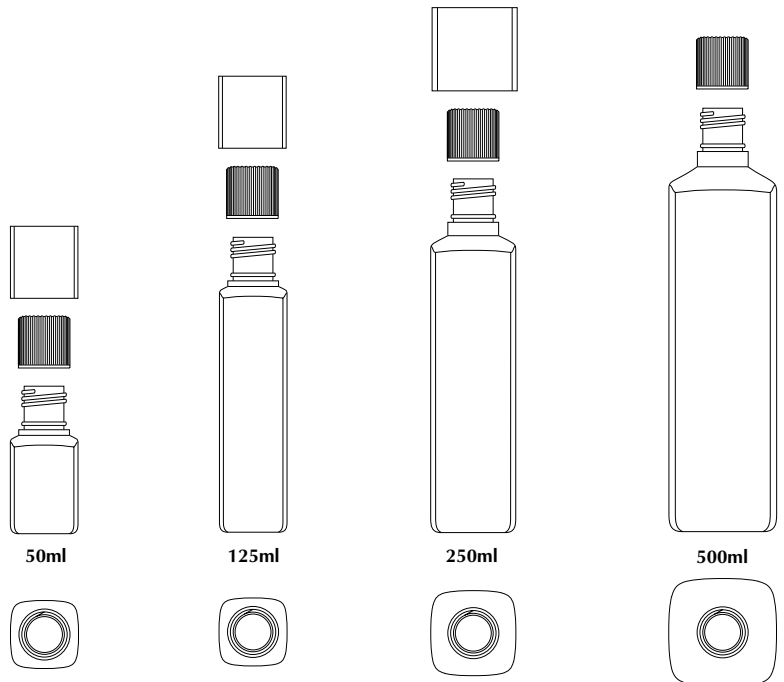


Scale 1:4 Front & Top View, & Cap



QUARTIC

Scale 1:4 Front & Top View, Cap & Overcap



SQUARE

- Square section bottles, suitable for dispenser pumps because of their stability
- Also suitable for sprays and dispensing closures, as well as caps

Square, High Density Polythene, Natural

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P006/22 | 75 | 75 | 40 | 45 x 25 | 18mm R4 |
| P006/23 | 125 | 108 | 40 | 73 x 25 | 18mm R4 |
| P006/24 | 250 | 132 | 52 | 90 x 30 | 22mm R6 |
| P006/27 | 500 | 168 | 64 | 110 x 40 | 28mm R6 |

Square, High Density Polythene, White

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P006/32 | 75 | 75 | 40 | 45 x 25 | 18mm R4 |
| P006/33 | 125 | 108 | 40 | 73 x 25 | 18mm R4 |
| P006/34 | 250 | 132 | 52 | 90 x 30 | 22mm R6 |
| P006/37 | 500 | 168 | 64 | 110 x 40 | 28mm R6 |

PLAIN ROUND, CLEAR

- Available as standard in clear PVC and PETG
- PVC bottles are also available in white and other standard colours, subject to a minimum quantity of 10,000
- Suitable for sprays and pumps, as well as caps
- Supplied in standard pack quantities as shown in price list

PVC, Clear

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P007/01 | 15 | 60 | 23 | 32 x 26 | 15mm R4 |
| P007/02 | 25 | 69 | 27 | 40 x 33 | 15mm R4 |
| P007/03 | 50 | 83 | 34 | 48 x 43 | 18mm R4 |
| P007/04 | 75 | 93 | 38 | 56 x 50 | 18mm R4 |
| P007/05 | 100 | 102 | 44 | 65 x 58 | 18mm R4 |
| P007/06 | 150 | 116 | 48 | 72 x 67 | 20mm R4 |
| P007/07 | 200 | 128 | 55 | 80 x 75 | 20mm R4 |
| P007/08 | 250 | 136 | 57 | 82 x 81 | 22mm R4 |
| P007/09 | 500 | 169 | 73 | 105 x 102 | 24mm R4 |

PETG, Clear

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P007/53 | 50 | 83 | 34 | 48 x 43 | 18mm R4 |
| P007/54 | 75 | 93 | 38 | 56 x 50 | 18mm R4 |
| P007/55 | 100 | 102 | 44 | 65 x 58 | 18mm R4 |
| P007/56 | 150 | 116 | 48 | 72 x 67 | 20mm R4 |
| P007/57 | 200 | 128 | 55 | 80 x 75 | 20mm R4 |
| P007/58 | 250 | 136 | 57 | 82 x 81 | 22mm R4 |

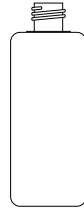
SQUARE



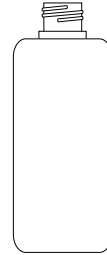
Scale 1:4 Front & Top View



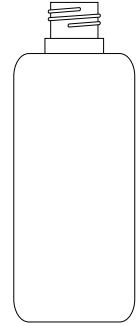
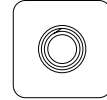
75ml



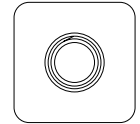
125ml



250ml



500ml



PLAIN ROUND, CLEAR



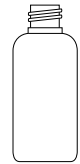
Scale 1:4 Front & Top View



15ml



25ml



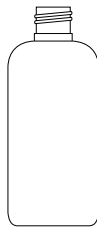
50ml



75ml



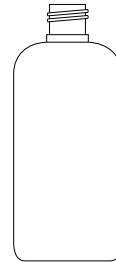
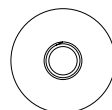
100ml



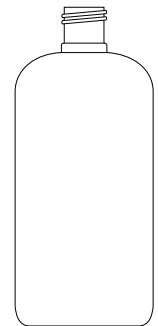
150ml



200ml



250ml



500ml



BOTTLES

TALL

- Tall bottles are round with sloping shoulders
- Suitable for sprays, pumps and nozzles, as well as caps

Tall Bottles, High Density Polythene, Natural

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P013/27 | 250 | 161 | 51 | 116 x 71 | 28mm R6 |
| P013/28 | 500 | 186 | 67 | 125 x 94 | 28mm R6 |
| P013/29 | 1000 | 248 | 83 | 175 x 120 | 28mm R6 |

Tall Bottles, High Density Polythene, White

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P013/37 | 250 | 161 | 51 | 116 x 71 | 28mm R6 |
| P013/38 | 500 | 186 | 67 | 125 x 94 | 28mm R6 |
| P013/39 | 1000 | 248 | 83 | 175 x 120 | 28mm R6 |

PISTOL GRIP

- Designed to allow comfortable grip and minimise fatigue
- Spray adjustable from fine mist to jet
- Not suitable for silk screen printing
- Large label display area

High Density Polythene, Natural

| Code | Capacity ml | Height mm | Overall Width mm | Depth mm | Neck Finish |
|---------|----------------|--------------|---------------------|-------------|-------------|
| P014/22 | 500 | 196 | 107 | 59 | 28mm R3 |

High Density Polythene, White

| Code | Capacity ml | Height mm | Overall Width mm | Depth mm | Neck Finish |
|---------|----------------|--------------|---------------------|-------------|-------------|
| P014/32 | 500 | 196 | 107 | 59 | 28mm R3 |

PET, Clear

| Code | Capacity ml | Height mm | Overall Width mm | Depth mm | Neck Finish |
|---------|----------------|--------------|---------------------|-------------|-------------|
| P014/24 | 500 | 206 | 103 | 54 | 28mm R6 |

TRIGGER SPRAYS

Trigger Sprays to fit Pistol Grip Bottles

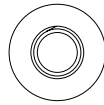
| Code | Neck Finish |
|---------|-------------|
| P513/12 | 28mm R3 |
| P513/14 | 28mm R6 |



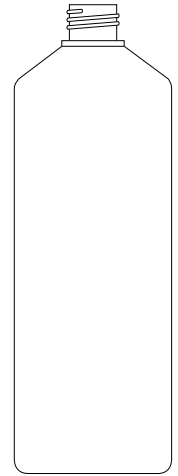
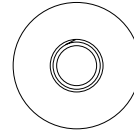
Scale 1:4 Front & Top View



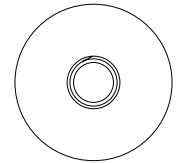
250ml



500ml

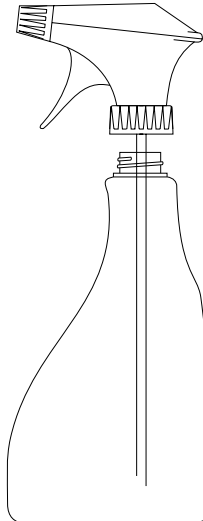


1000ml

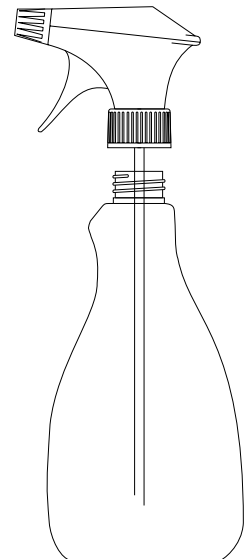
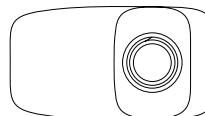


PISTOL GRIP

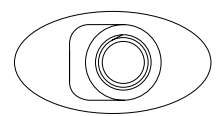
Scale 1:4 Front & Top View, & Spray Head



500ml Polythene



500ml PET



OCTAGONAL CONTAINERS

- Robust design, graduated in litres and gallons
- Ideal for storage and transportation of liquids
- Supplied with handle and leakproof polythene caps

High Density Polythene, Natural

| Code | Capacity Litres | Height mm | Width mm |
|---------|--------------------|--------------|-------------|
| P022/01 | 5 | 332 | 170 |
| P022/02 | 10 | 378 | 205 |

ASPIRATORS

- Robust design, graduated in litres
- Integrally moulded spout threaded to accept replaceable polypropylene tap
- Supplied with handle and leakproof polythene caps
- Tap assembly increases width by 35mm

High Density Polythene, White

| Code | Capacity Litres | Height mm | Width mm |
|---------|--------------------|--------------|-------------|
| P023/01 | 5 | 332 | 170 |
| P023/02 | 10 | 378 | 205 |

Spare Tap

| |
|---------|
| P023/04 |
|---------|

RECTANGULAR CONTAINERS

- Strong Jerricans, with screw in bung to allow use with replaceable tap
- Supplied with leakproof polythene caps
- Available with or without tap

Jerrican High Density Polythene, Natural

| Code | Capacity Litres | Height mm | Width mm | Depth mm |
|---------|--------------------|--------------|-------------|-------------|
| P025/01 | 25 | 460 | 330 | 220 |

Jerrican with tap (Aspirator)

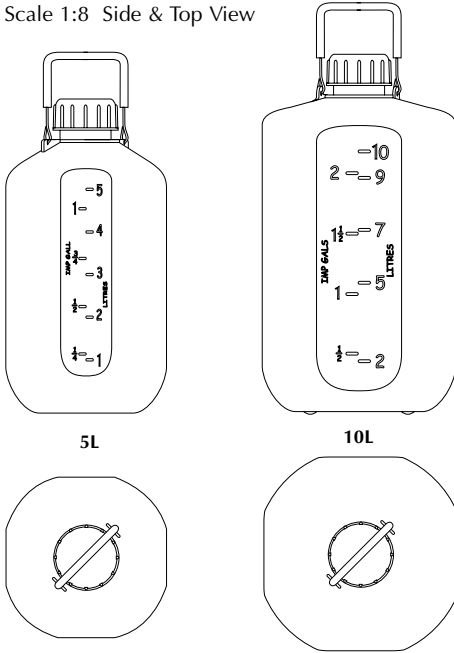
| Code | Capacity Litres | Height mm | Width mm | Depth mm |
|---------|--------------------|--------------|-------------|-------------|
| P025/03 | 25 | 460 | 330 | 220 |

Spare Tap

| |
|---------|
| Code |
| P025/02 |

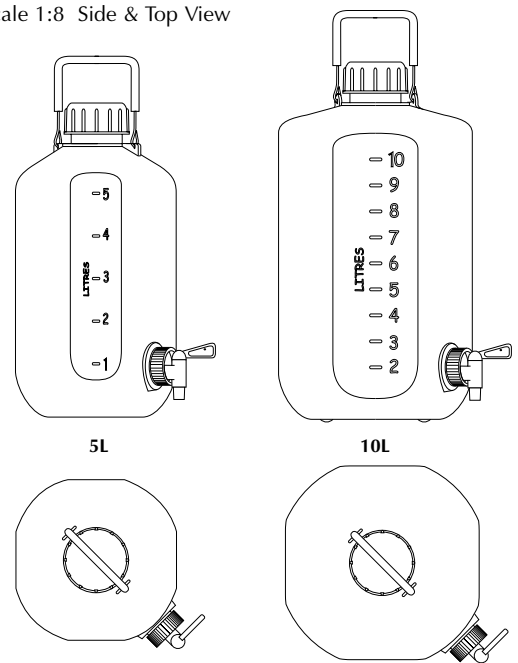
OCTAGONAL CONTAINERS

Scale 1:8 Side & Top View



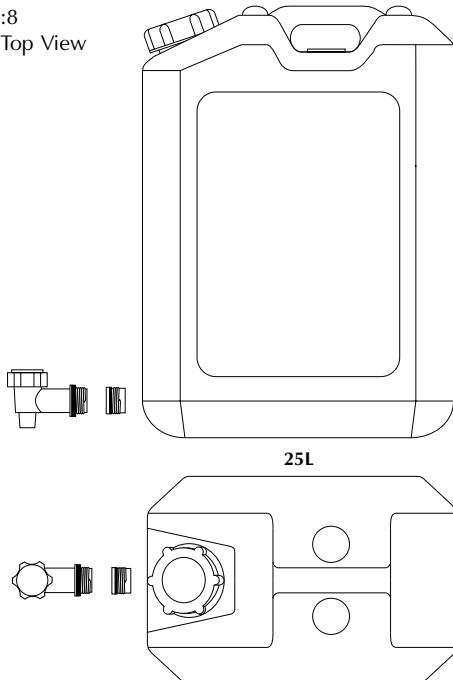
ASPIRATORS

Scale 1:8 Side & Top View



RECTANGULAR CONTAINERS

Scale 1:8
Side & Top View



BORDON

- A panelled oval bottle giving good shelf cover
- Suitable for sprays, pumps and dispensing closures, as well as caps

High Density Polythene, Natural

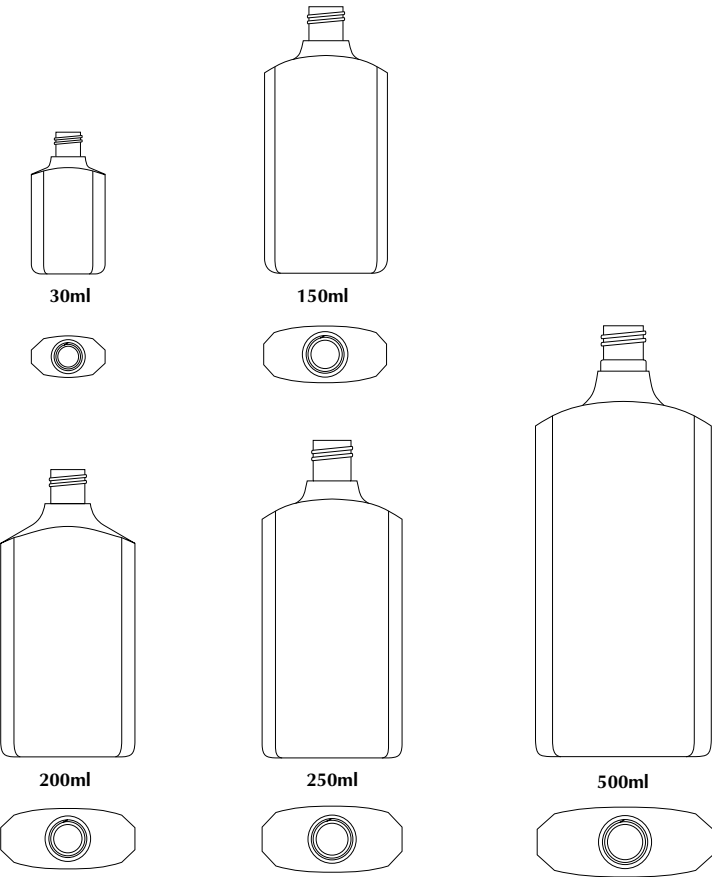
| Code | Capacity ml | Height mm | Width mm | Depth mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|-------------|-------------|---------------------------------------|-------------|
| P050/20 | 30 | 75 | 39 | 22 | 45 x 19 | 15mm R4 |
| P050/22 | 150 | 141 | 65 | 30 | 95 x 45 | 20mm R4 |
| P050/23 | 200 | 152 | 71 | 32 | 100 x 50 | 20mm R4 |
| P050/24 | 250 | 168 | 74 | 35 | 120 x 50 | 22mm R4 |
| P050/27 | 500 | 228 | 93 | 37 | 165 x 60 | 24mm R4 |

High Density Polythene, White

| Code | Capacity ml | Height mm | Width mm | Depth mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|-------------|-------------|---------------------------------------|-------------|
| P050/30 | 30 | 75 | 39 | 22 | 45 x 19 | 15mm R4 |
| P050/32 | 150 | 141 | 65 | 30 | 95 x 45 | 20mm R4 |
| P050/33 | 200 | 152 | 71 | 32 | 100 x 50 | 20mm R4 |
| P050/34 | 250 | 168 | 74 | 35 | 120 x 50 | 22mm R4 |
| P050/37 | 500 | 228 | 93 | 37 | 165 x 60 | 24mm R4 |



Scale 1:4 Front & Top View





ROUND BOTTLES

- Narrow neck round bottles suitable for liquids
- Tear-off strip for immediate visual confirmation of product integrity

Tamper Evident Bottles, High Density Polythene, Natural

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P020/28 | 500 | 155 | 75 | 100 x 105 | 32mm t/e |

Tamper Evident Bottles, High Density Polythene, White

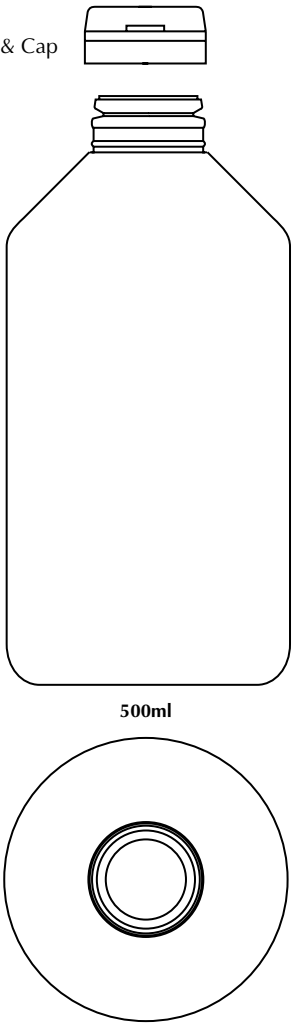
| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P020/38 | 500 | 155 | 75 | 100 x 105 | 32mm t/e |

Cap for Tamper Evident Round Bottles

| Code | Description | Neck Finish |
|---------|------------------------------|-------------|
| P515/20 | White, low density polythene | 32mm t/e |



Scale 1:2
Front & Top View, & Cap



FLAT OVAL BOTTLES

- Narrow neck flat oval bottles suitable for liquids
- Breakaway ring for immediate visual confirmation of product integrity

High Density Polythene, Natural

| Code | Capacity ml | Height mm | Width mm | Depth mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|-------------|-------------|---------------------------------------|-------------|
| P021/27 | 250 | 149 | 73 | 40 | 105 x 52 | 24mm t/e |

High Density Polythene, White

| Code | Capacity ml | Height mm | Width mm | Depth mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|-------------|-------------|---------------------------------------|-------------|
| P021/37 | 250 | 149 | 73 | 40 | 105 x 52 | 24mm t/e |

Polypropylene, White

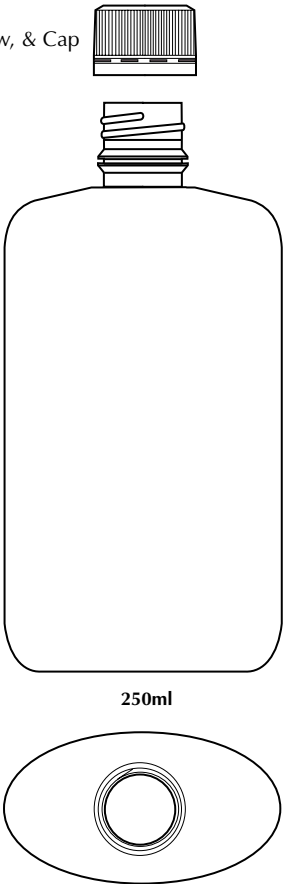
| Code | Capacity ml | Height mm | Width mm | Depth mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|-------------|-------------|---------------------------------------|-------------|
| P021/77 | 250 | 149 | 73 | 40 | 105 x 52 | 24mm t/e |

Cap for Flat Oval Tamper Evident Bottles

| Code | Description | Neck Finish |
|---------|----------------------|-------------|
| P525/52 | White, polypropylene | 24mm t/e |



Scale 1:2
Front & Top View, & Cap



SNAP SECURE

- Wide neck containers suitable for tablets and powder
- Polythene caps have tear-off strip for immediate visual confirmation of product integrity
- Also available in natural polypropylene and translucent amber to special order
- Suitable for silk screen printing, and dry offset printing in up to 4 colours plus a clear lacquer
- Only supplied in standard carton quantities

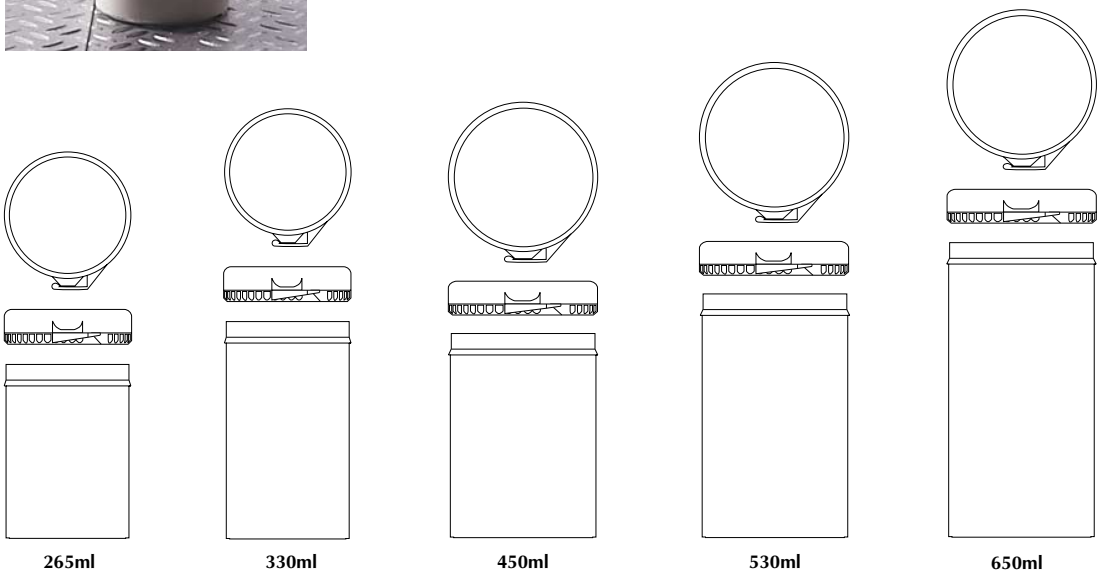
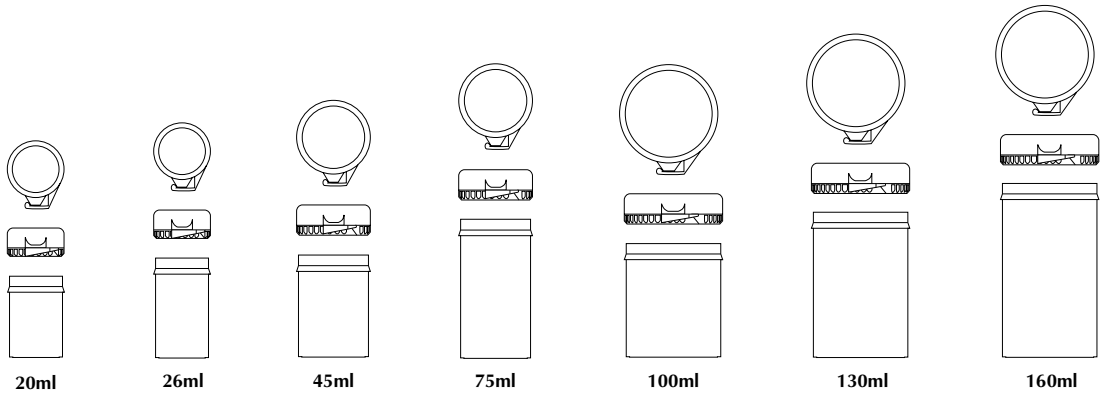
Snap Secure Containers, Polypropylene, White

| Code | Capacity ml | Height with Cap mm | Top Diameter mm | Print/Label Area Height x Width mm | Pack Quantity |
|---------|----------------|-----------------------|--------------------|---------------------------------------|------------------|
| P205/02 | 20 | 45 | 31 | 23 x 34 | 1600 |
| P205/03 | 26 | 54 | 31 | 33 x 34 | 1500 |
| P205/04 | 45 | 57 | 40 | 34 x 47 | 625 |
| P205/07 | 75 | 85 | 40 | 64 x 47 | 500 |
| P205/10 | 100 | 62 | 54 | 41 x 68 | 360 |
| P205/13 | 130 | 78 | 54 | 57 x 68 | 255 |
| P205/16 | 160 | 94 | 54 | 73 x 68 | 220 |
| P205/26 | 265 | 94 | 69 | 69 x 91 | 140 |
| P205/33 | 330 | 116 | 67 | 92 x 91 | 120 |
| P205/45 | 450 | 110 | 81 | 85 x 108 | 105 |
| P205/53 | 530 | 132 | 81 | 106 x 108 | 70 |
| P205/65 | 650 | 160 | 81 | 125 x 108 | 70 |

Caps for Snap Secure Containers

| Code | Description |
|---------|---|
| P605/02 | ‘B’ cap for 20 & 26ml jars, white, polythene |
| P605/04 | ‘D’ cap for 45 & 75ml jars, white, polythene |
| P605/10 | ‘E’ cap for 100, 130 & 160ml jars, white, polythene |
| P605/26 | ‘F’ cap for 265ml jar, white, polythene |
| P605/33 | ‘F’ cap for 330ml jar, white, polythene |
| P605/45 | ‘G’ cap for 450, 530 & 650ml jars, white, polythene |

Scale 1:4 Front View, Cap & Cap Top



TAMPERTAINERS

- Wide neck containers suitable for liquids
- Caps are low density polythene, available in white as standard, other colours to special order
- Tear-off strip for immediate visual confirmation of product integrity

Tampertainers, High Density Polythene, White

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P206/31 | 30 | 47 | 39 | 22 x 114 | 32mm t/e |
| P206/32 | 50 | 62 | 42 | 32 x 120 | 32mm t/e |
| P206/33 | 100 | 77 | 51 | 47 x 150 | 43mm t/e |
| P206/34 | 175 | 92 | 62 | 54 x 185 | 43mm t/e |
| P206/35 | 250 | 102 | 68 | 60 x 200 | 43mm t/e |
| P206/36 | 350 | 109 | 74 | 63 x 220 | 43mm t/e |
| P206/37 | 500 | 139 | 78 | 89 x 230 | 43mm t/e |
| P206/39 | 1000 | 193 | 90 | 142 x 270 | 60mm t/e |

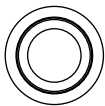
Caps for Tampertainers

| Code | Description | Neck Finish |
|---------|------------------------------|-------------|
| P515/20 | White, low density polythene | 32mm t/e |
| P515/22 | White, low density polythene | 43mm t/e |
| P515/23 | White, low density polythene | 60mm t/e |

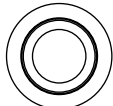
Scale 1:3 Front & Top View, & Cap



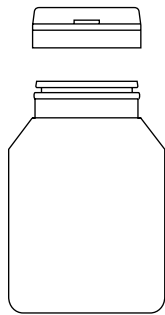
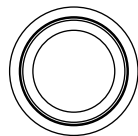
30ml



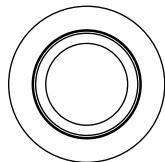
50ml



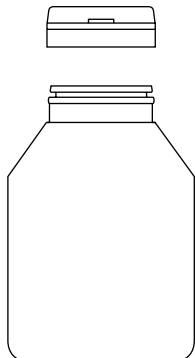
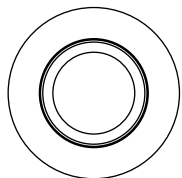
100ml



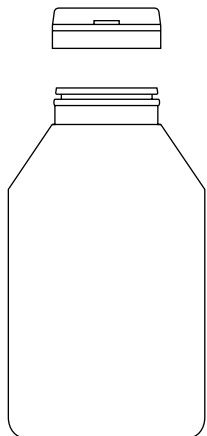
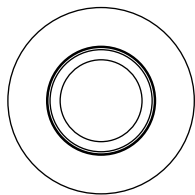
175ml



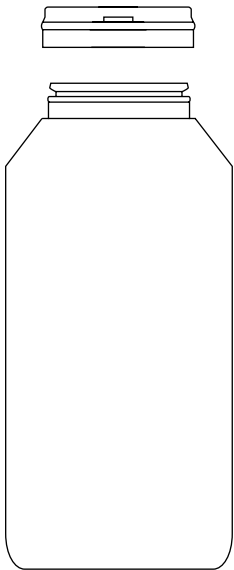
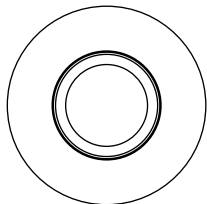
250ml



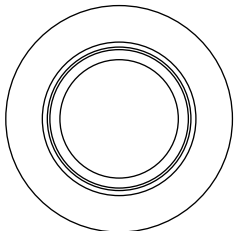
350ml



500ml



1000ml



TAMPER EVIDENT POTS

- Suitable for the food industry, and many other applications
- Available with plain and turn-top, tamper evident closures

Tamper Evident Pots, Polypropylene, White

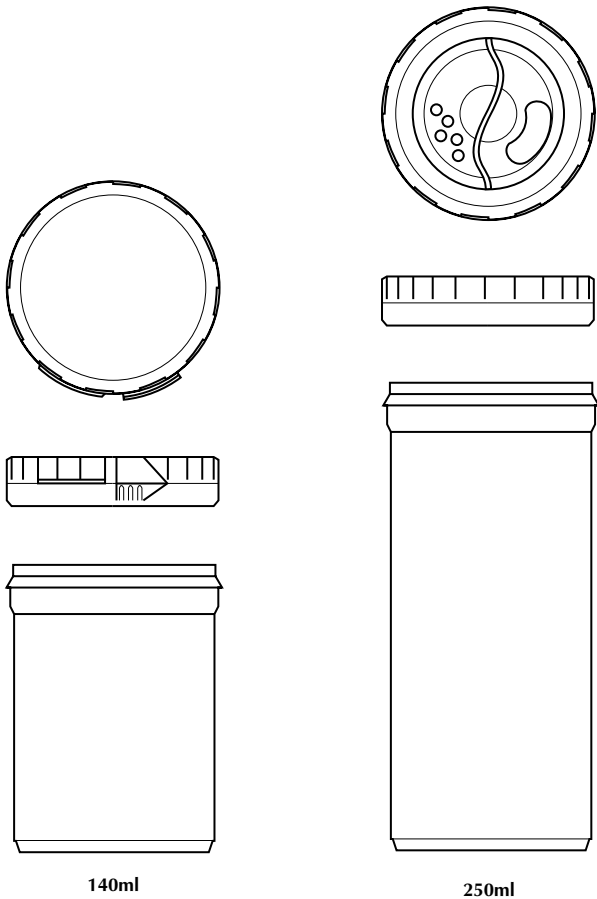
| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm |
|---------|----------------|--------------|----------------|---------------------------------------|
| P211/14 | 140 | 76 | 54 | 65 x 73 |
| P211/18 | 250 | 124 | 54 | 98 x 74 |

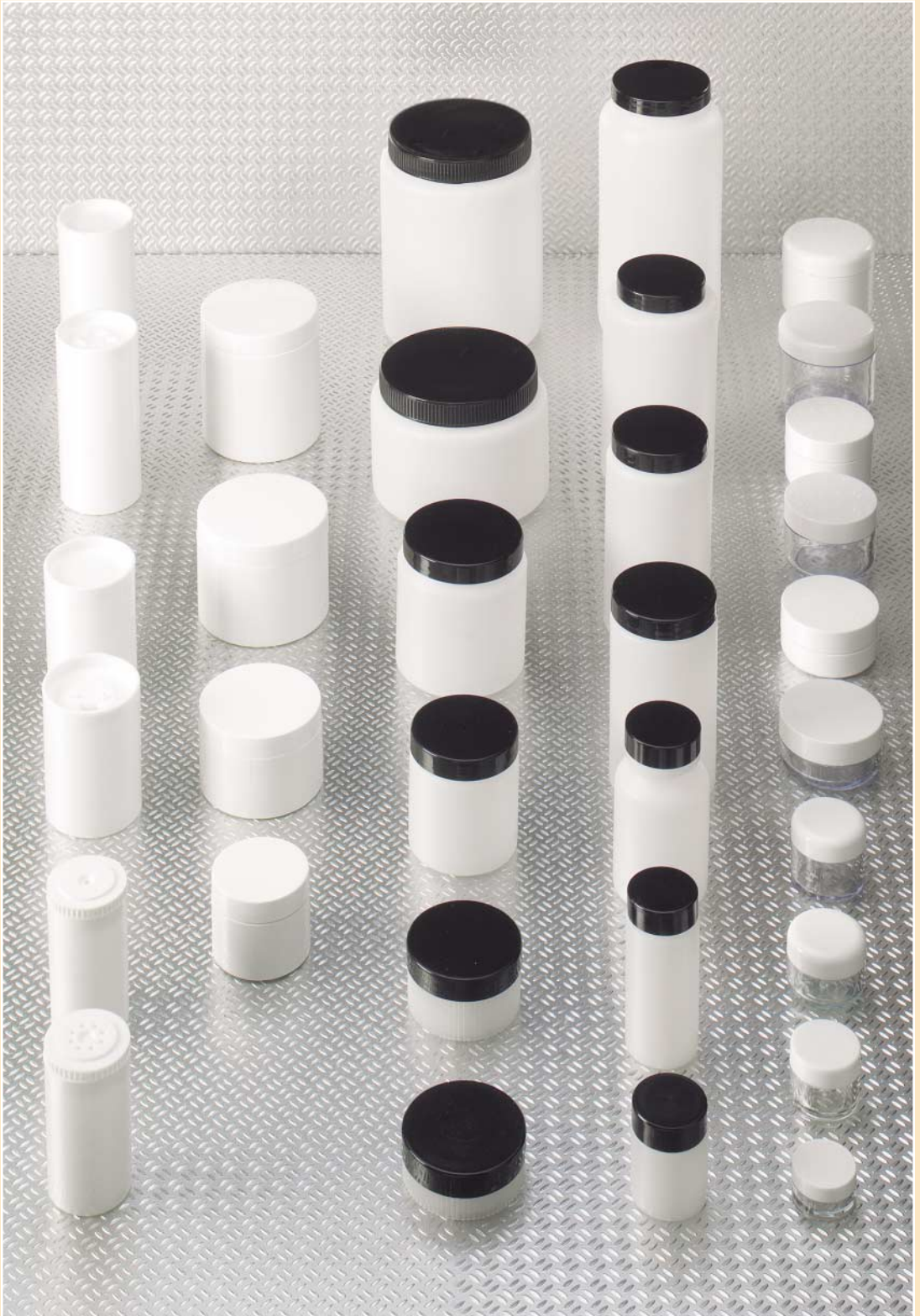
Tamper Evident Closures

| Code | Description |
|---------|---|
| P576/08 | Plain to fit both tamper evident pots, polypropylene |
| P576/10 | Turn-top to fit both tamper evident pots, polypropylene |



Scale 1:2 Front View, Cap & Cap Top





SQUAT & TALL



- Wide mouth jars suitable for powders, tablets and creams
- Available in white as well as natural polythene

Squat Jars, High Density Polythene, Natural

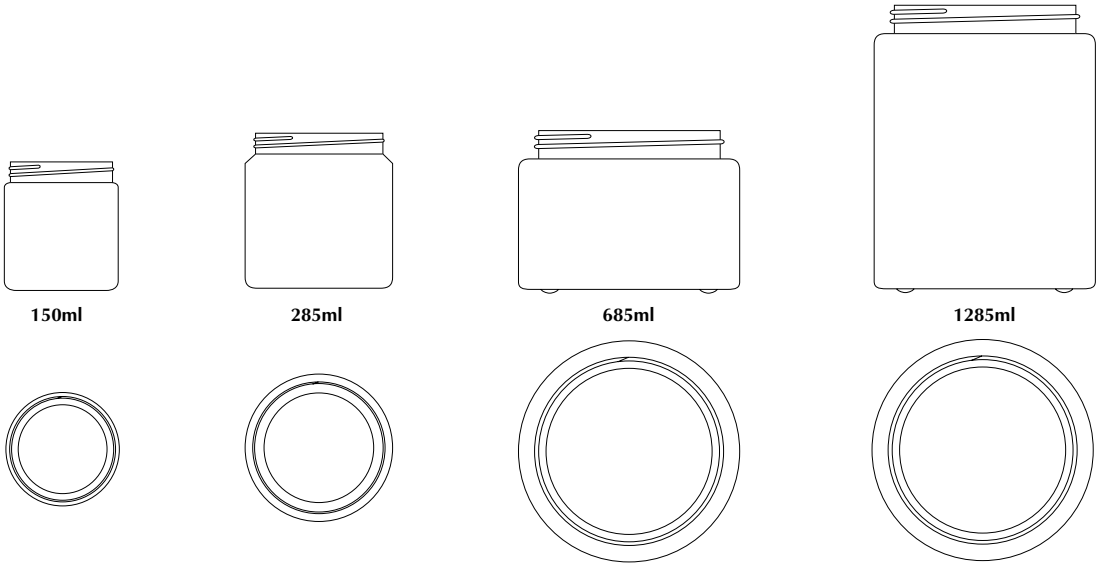
| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P201/22 | 150 | 68 | 60 | 45 x 83 | 58mm R3 |
| P201/24 | 285 | 82 | 78 | 55 x 110 | 70mm R3 |
| P201/25 | 685 | 86 | 117 | 50 x 170 | 100mm R3 |
| P201/26 | 1285 | 152 | 117 | 110 x 170 | 100mm R3 |

Tall Jars, High Density Polythene, Natural

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P202/21 | 30 | 45 | 36 | 27 x 47 | 33mm R3 |
| P202/22 | 60 | 80 | 36 | 60 x 47 | 33mm R3 |
| P202/23 | 130 | 93 | 50 | 50 x 70 | 38mm R3 |
| P202/24 | 260 | 114 | 61 | 87 x 83 | 58mm R3 |
| P202/25 | 320 | 127 | 65 | 95 x 92 | 58mm R3 |
| P202/26 | 525 | 140 | 76 | 105 x 108 | 58mm R3 |
| P202/27 | 1000 | 195 | 90 | 140 x 130 | 70mm R3 |

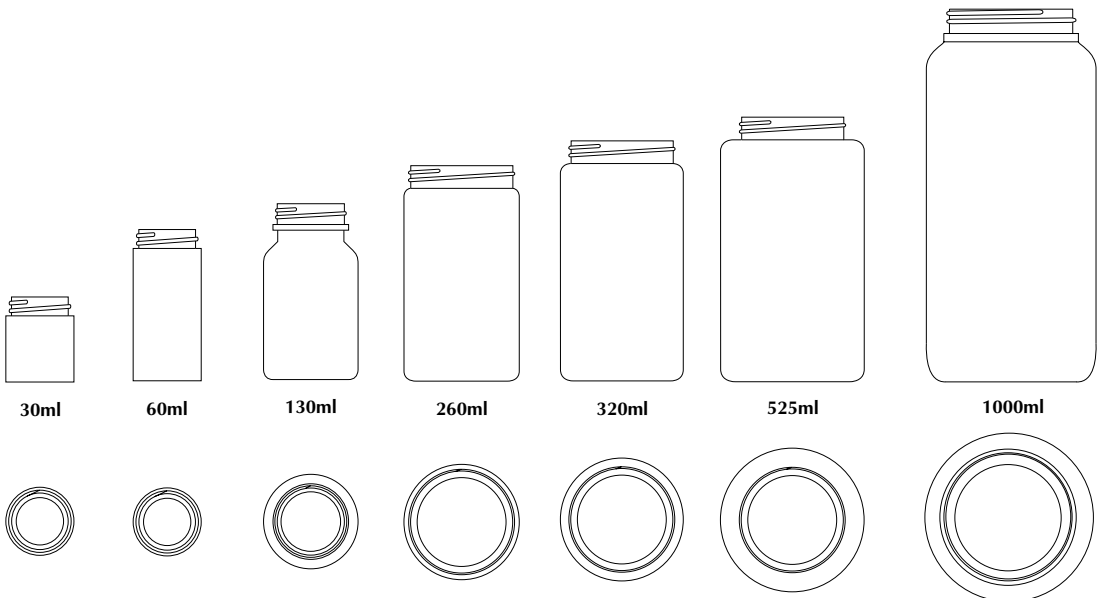
SQUAT

Scale 1:4 Front & Top View



TALL

Scale 1:4 Front & Top View



STANDARD

- Single wall straight sided jars for cosmetic and toiletry products
- Designed for use with wadless white polypropylene caps shown on fitments page 52

Standard Jars, Polypropylene, White

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Neck Finish |
|---------|----------------|--------------|----------------|---------------------------------------|-------------|
| P203/02 | 50 | 42 | 51 | 23 x 147 | 48mm R3 |
| P203/03 | 100 | 48 | 70 | 31 x 186 | 66mm R3 |
| P203/05 | 200 | 67 | 81 | 43 x 241 | 77mm R3 |
| P203/07 | 300 | 91 | 81 | 65 x 241 | 77mm R3 |

FLUTED

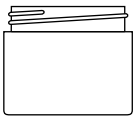
- Wide mouth jars, suitable for creams
- Convenient size for vanity cases
- Suitable for cap labelling only

Fluted Jars, Low Density Polythene, Natural

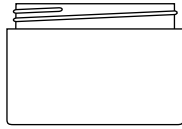
| Code | Capacity ml | Height mm | Diameter mm | Neck Finish |
|---------|----------------|--------------|----------------|-------------|
| P204/01 | 30 | 22 | 58 | 58mm R3 |
| P204/02 | 50 | 33 | 58 | 58mm R3 |

STANDARD

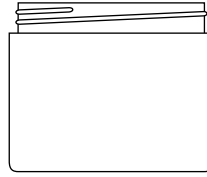
Scale 1:3 Front & Top View



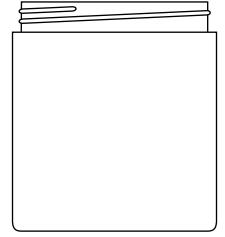
50ml



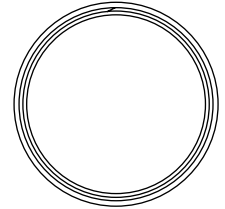
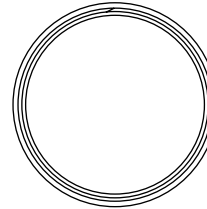
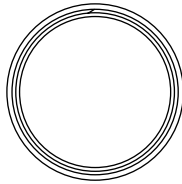
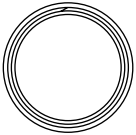
100ml



200ml

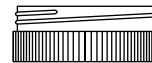


300ml

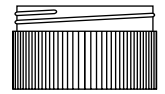


FLUTED

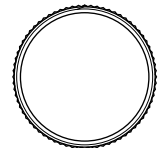
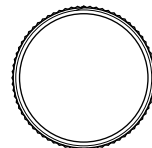
Scale 1:3 Front & Top View



30ml



50ml



COSMETIC, SINGLE WALL

- Suitable for cosmetic creams and ointments
- Supplied as standard with white caps, black and other colours available to special order

Single Wall, SAN Clear

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Cap Reference |
|---------|----------------|--------------|----------------|---------------------------------------|---------------------------|
| P207/01 | 5 | 17 | 30 | | P651/11, P653/11 |
| P207/02 | 10 | 28 | 34 | 14 x 43 | P651/12, P652/12, P653/12 |
| P207/03 | 15 | 32 | 40 | 13 x 51 | P654/01 |
| P207/04 | 20 | 36 | 40 | 18 x 51 | P654/01 |
| P207/05 | 30 | 32 | 59 | 13 x 79 | P654/03 |
| P207/06 | 50 | 45 | 59 | 18 x 79 | P654/03 |
| P207/08 | 100 | 60 | 68 | 32 x 101 | P654/04 |

Single Wall, SAN White

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Cap Reference |
|---------|----------------|--------------|----------------|---------------------------------------|---------------------------|
| P207/11 | 5 | 17 | 30 | | P651/11, P653/11 |
| P207/12 | 10 | 28 | 34 | 14 x 43 | P651/12, P652/12, P653/12 |
| P207/13 | 15 | 32 | 40 | 13 x 51 | P654/01 |
| P207/14 | 20 | 36 | 40 | 18 x 51 | P654/01 |
| P207/15 | 30 | 32 | 59 | 13 x 79 | P654/03 |
| P207/16 | 50 | 45 | 59 | 18 x 79 | P654/03 |
| P207/18 | 100 | 60 | 68 | 32 x 101 | P654/04 |

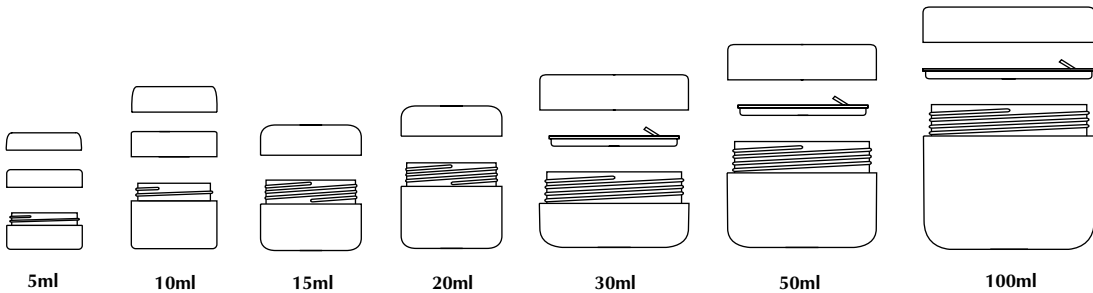
Caps for Single Wall Jars

| Code | Description |
|---------|---|
| P651/11 | Plain, wadless to fit 5ml jar, white, polypropylene |
| P651/12 | Plain, wadless to fit 10ml jar, white, polypropylene |
| P652/12 | Plain, wadded to fit 10ml jar, white, polypropylene |
| P653/11 | Radius, wadless to fit 5ml jar, white, polypropylene |
| P653/12 | Radius, wadless to fit 10ml jar, white, polypropylene |
| P654/01 | Radius, wadless to fit 15ml and 20ml jars, white, polypropylene |
| P654/03 | Plain, wadded to fit 30ml and 50ml jars, white, polypropylene |
| P654/04 | Plain, wadded to fit 100ml jar, white, polypropylene |

Seals for Single Wall Jars

| Code | Description |
|---------|---|
| P654/08 | To fit 30ml and 50ml jars, white, polypropylene |
| P654/09 | To fit 100ml jar, white, polypropylene |

Scale 1:3 Front View, Caps & Seals



COSMETIC, DOUBLE WALL



- SAN outer with Polypropylene inner
- Supplied as standard in white

Double Wall, SAN, White

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm | Cap Reference |
|---------|-------------|-----------|-------------|------------------------------------|---------------|
| P208/35 | 30 | 44 | 53 | 25 x 69 | P650/03 |
| P208/38 | 50 | 52 | 59 | 29 x 79 | P650/04 |

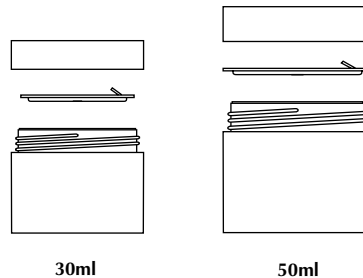
Caps for Double Wall Jars

| Code | Description |
|---------|---|
| P650/03 | Wadded, to fit 30ml jar, white, polypropylene |
| P650/04 | Wadded, to fit 50ml jar, white, polypropylene |

Seals for Double Wall Jars

| Code | Description |
|---------|--------------------------------|
| P650/05 | To fit 30ml jar, polypropylene |
| P650/06 | To fit 50ml jar, polypropylene |

Scale 1:3 Front View, Cap & Seal



MULTI PURPOSE POTS



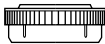
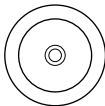
- Suitable for the food industry and many other applications
- Can be used with plain closures, perforated closures or turn-top dispensers
- Suitable for offset as well as silk screen printing

Plain Pots, Polypropylene, White

| Code | Capacity ml | Height mm | Diameter mm | Print/Label Area Height x Width mm |
|---------|----------------|--------------|----------------|---------------------------------------|
| P210/12 | 65 | 70 | 39 | 60 x 51 |
| P210/14 | 140 | 76 | 54 | 65 x 73 |
| P210/18 | 225 | 115 | 54 | 103 x 73 |

Closures for Plain Pots, Polypropylene

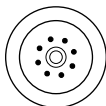
| Code | Description |
|---------|--|
| P575/01 | Plain to fit 65ml pots |
| P575/02 | Plain to fit 140ml and 225ml pots |
| P575/03 | Raised to fit 140ml and 225ml pots |
| P575/05 | Perforated to fit 65ml pots |
| P575/06 | Perforated to fit 140ml and 225ml pots |
| P575/07 | Turn-top to fit 65ml pots |
| P575/08 | Turn-top to fit 140ml and 225ml pots |



P575/01



P575/07

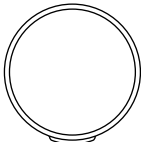


P575/05

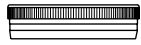
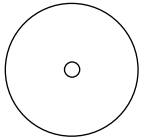
Scale 1:3
Front View & Closures



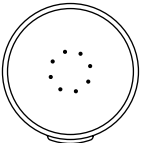
P575/08



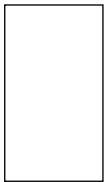
P575/02



P575/03



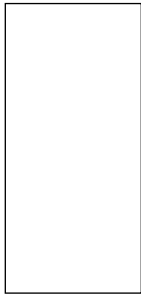
P575/06



65ml



140ml



225ml



CAPS – POLYPROPYLENE

- Dust-free, and virtually unbreakable
- Wadded caps have steran-faced wads as standard
- Other standard colours are available to special order
- Mushroom caps also available

Smooth, Wadded

| BLACK Code | Neck Finish |
|---------------|-------------|
| P500/00 | 13mm R4 |
| P500/01 | 15mm R4 |
| P500/03 | 18mm R4 |
| P500/04 | 20mm R4 |
| P500/05 | 22mm R6 |
| P500/06 | 22mm R4 |
| P500/07 | 24mm R4 |
| P500/11 | 33mm R3 |
| P500/12 | 38mm R3 |
| P500/13 | 58mm R3 |
| P500/14 | 70mm R3 |

| WHITE Code | Neck Finish |
|---------------|-------------|
| P500/50 | 13mm R4 |
| P500/51 | 15mm R4 |
| P500/53 | 18mm R4 |
| P500/54 | 20mm R4 |
| P500/55 | 22mm R6 |
| P500/56 | 22mm R4 |
| P500/57 | 24mm R4 |
| P500/61 | 33mm R3 |
| P500/62 | 38mm R3 |
| P500/63 | 58mm R3 |
| P500/64 | 70mm R3 |

Ribbed, Wadded

| BLACK Code | Neck Finish |
|---------------|-------------|
| P509/03 | 18mm R4 |
| P509/04 | 20mm R4 |
| P509/05 | 22mm R6 |
| P509/06 | 22mm R4 |
| P509/07 | 24mm R4 |
| P509/08 | 28mm R3 |
| P509/09 | 28mm R6 |
| P509/10 | 28mm R4 |
| P509/11 | 33mm R3 |

| WHITE Code | Neck Finish |
|---------------|-------------|
| P509/53 | 18mm R4 |
| P509/54 | 20mm R4 |
| P509/55 | 22mm R6 |
| P509/56 | 22mm R4 |
| P509/57 | 24mm R4 |
| P509/58 | 28mm R3 |
| P509/59 | 28mm R6 |
| P509/60 | 28mm R4 |

Tall Radius, Wadded

| BLACK Code | Neck Finish |
|---------------|-------------|
| P522/02 | 15mm R4 |
| P522/03 | 18mm R4 |
| P522/04 | 20mm R4 |
| P522/05 | 22mm R6 |
| P522/06 | 22mm R4 |
| P522/09 | 24mm R4 |
| P522/07 | 28mm R6 |

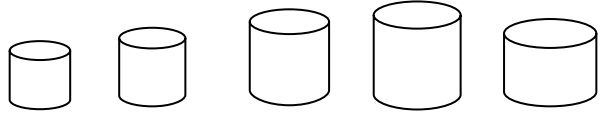
| WHITE Code | Neck Finish |
|---------------|-------------|
| P522/52 | 15mm R4 |
| P522/53 | 18mm R4 |
| P522/54 | 20mm R4 |
| P522/55 | 22mm R6 |
| P522/56 | 22mm R4 |
| P522/59 | 24mm R4 |
| P522/57 | 28mm R6 |

CAPS – POLYPROPYLENE



Smooth

Scale 1:2



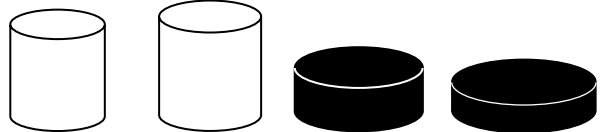
13mm R4

15mm R4

18mm R4

20mm R4

22mm R6

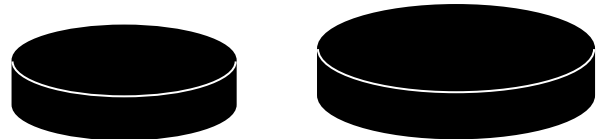


22mm R4

24mm R4

33mm R3

38mm R3

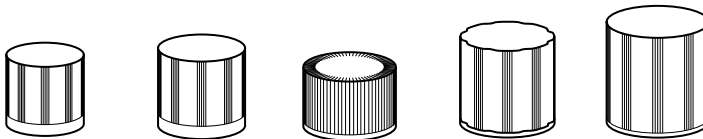


58mm R3

70mm R3

Ribbed

Scale 1:2



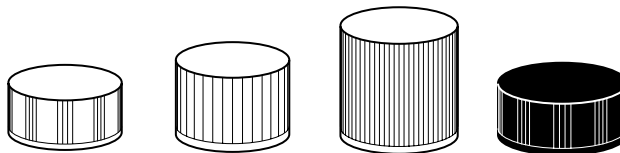
18mm R4

20mm R4

22mm R6

22mm R4

24mm R4



28mm R3

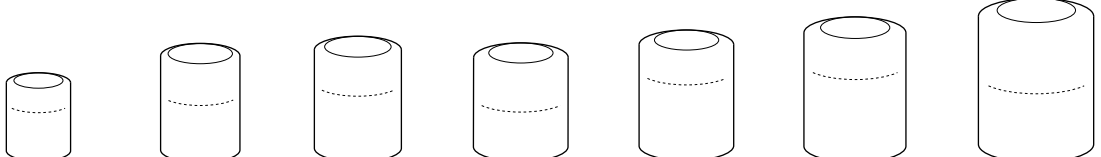
28mm R6

28mm R4

33mm R3

Tall Radius

Scale 1:2



15mm R4

18mm R4

20mm R4

22mm R6

22mm R4

24mm R4

28mm R6

CAPS – POLYPROPYLENE

- Dust-free, and virtually unbreakable
- Wadless caps have a bore seal
- Other standard colours are available to special order
- Wadless caps are smooth except for 100mm which is ribbed
- Mushroom caps also available

Ball Caps, Wadless, White

| Code | Neck Finish |
|---------|-------------|
| P503/23 | 18mm R4 |
| P503/27 | 24mm R5 |

Child-resistant Caps, with EPE Wads, White

| Code | Neck Finish |
|---------|-------------|
| P508/05 | 22mm R3 |
| P508/08 | 28mm R3 |

Wadless Caps, White

| Code | Neck Finish |
|---------|-------------|
| P515/13 | 48mm R3 |
| P515/14 | 51mm R3 |
| P515/15 | 58mm R3 |
| P515/16 | 60mm R3 |
| P515/17 | 66mm R3 |
| P515/18 | 77mm R3 |
| P515/19 | 100mm R3 |

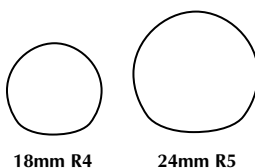
Wadless Caps, Black

| Code | Neck Finish |
|---------|-------------|
| P515/33 | 48mm R3 |
| P515/34 | 51mm R3 |
| P515/35 | 58mm R3 |
| P515/36 | 60mm R3 |
| P515/37 | 66mm R3 |
| P515/38 | 77mm R3 |
| P515/39 | 100mm R3 |



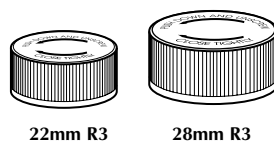
Ball

Scale 1:2



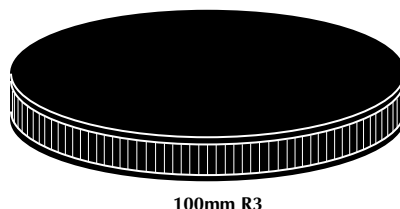
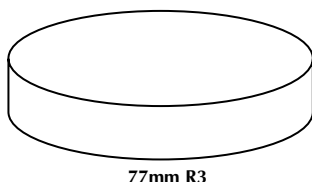
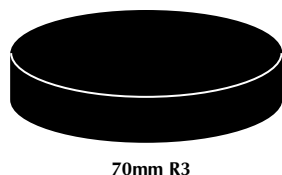
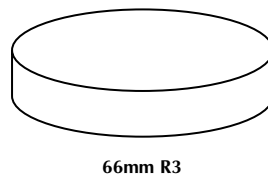
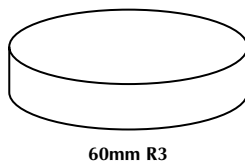
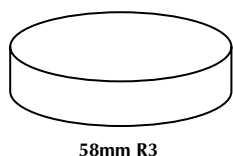
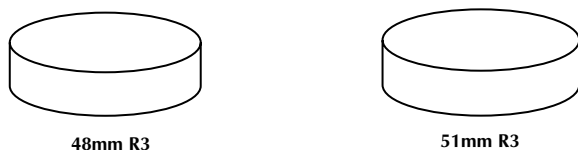
CRC

Scale 1:2



Wadless Caps

Scale 1:2



Model 5

- Volume dispensed 0.8ml (approx.)
- Other standard colours available to special order
- Complete with overcap for shipment

Model 5 Sprays, White

| Code | Neck Finish |
|---------|-------------|
| P513/05 | 22mm R6 |
| P513/06 | 22mm R4 |
| P513/07 | 24mm R4 |
| P513/09 | 28mm R6 |

Fine Mist

- Volume dispensed 0.1 – 0.15ml
- Other standard colours available to special order
- Complete with overcap for shipment

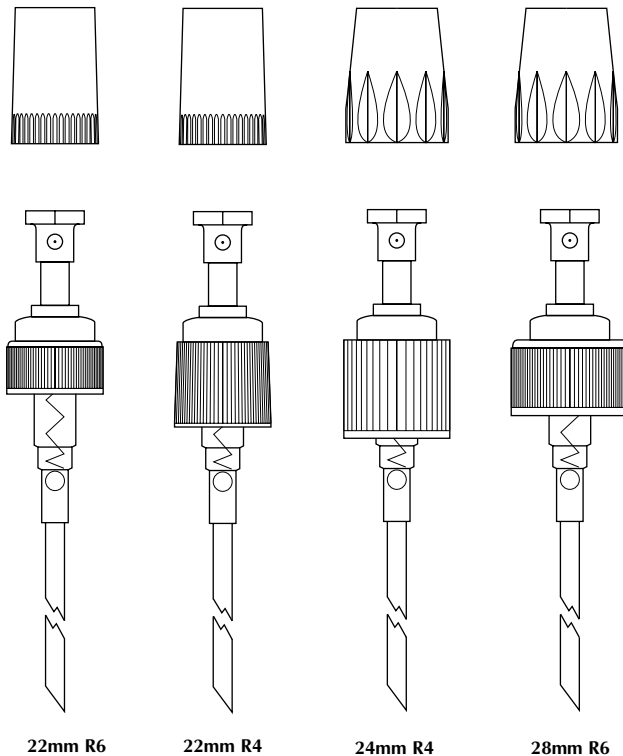
Fine Mist Sprays, White

| Code | Neck Finish |
|---------|-------------|
| P513/23 | 18mm R4 |
| P513/26 | 22mm R4 |



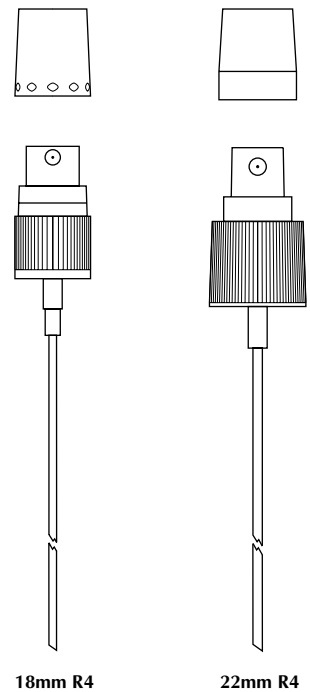
Model 5

Scale 1:2



Fine Mist

Scale 1:2



PUMPS

Mini Dispenser

- Volume dispensed 0.5ml (approx.)
- Suitable for lotions, creams and gels
- Other standard colours available to special order
- Locking device for shipment

Mini Dispenser, White

| Code | Neck Finish |
|---------|-------------|
| P514/05 | 22mm R6 |
| P514/06 | 22mm R4 |
| P514/07 | 24mm R4 |
| P514/09 | 28mm R6 |

Falcon Dispenser

- Volume dispensed 4ml (approx.)
- Suitable for liquids, creams and gels

Falcon Dispenser, White

| Code | Neck Finish |
|---------|-------------|
| P514/12 | 28mm R6 |
| P514/13 | 31mm R6 |

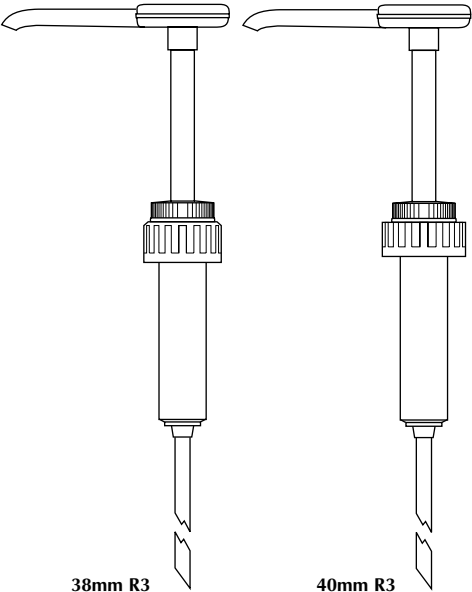
'30' Dispenser

- Volume dispensed 30ml (approx.)

'30' Dispenser, White

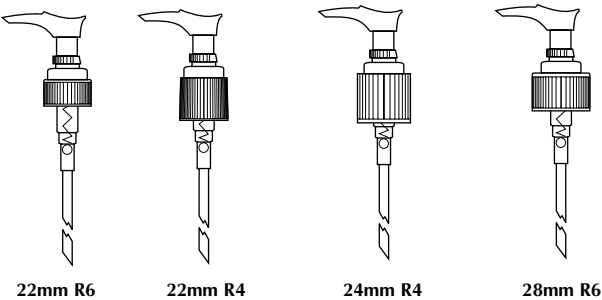
| Code | Neck Finish |
|---------|-------------|
| P514/14 | 38mm R3 |
| P514/17 | 40mm R3 |

Scale 1:2



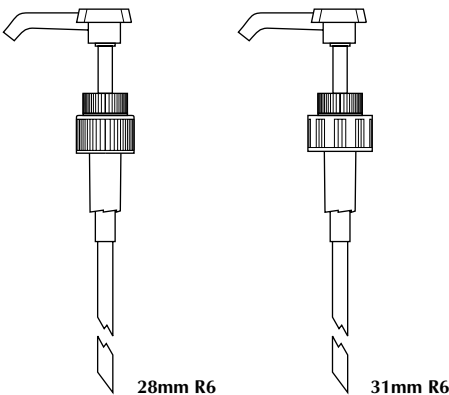
Mini Dispenser

Scale 1:2 Side View



Falcon Dispenser

Scale 1:2



DISPENSING CLOSURES

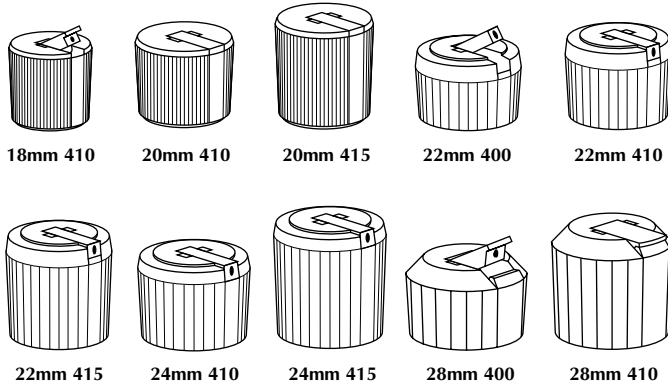
Polytop

- Aperture 2mm, other sizes to special order
- Other standard colours available to special order, subject to a minimum quantity of 10,000

Polytop Closures, Low Density Polythene, White

| Code | Type | Skirt Length | Neck Diameter mm |
|---------|---------------------------------|--------------|------------------|
| P516/03 | Fine ribbed, recessed aperture | 410 | 18 |
| P516/04 | Fine ribbed recessed aperture | 410 | 20 |
| P516/14 | Fine ribbed, recessed aperture | 415 | 20 |
| P516/05 | Medium ribbed, visible aperture | 400 | 22 |
| P516/15 | Medium ribbed, visible aperture | 410 | 22 |
| P516/06 | Medium ribbed, visible aperture | 415 | 22 |
| P516/07 | Medium ribbed, visible aperture | 410 | 24 |
| P516/17 | Medium ribbed, visible aperture | 415 | 24 |
| P516/09 | Broad ribbed, recessed aperture | 400 | 28 |
| P516/19 | Broad ribbed, recessed aperture | 410 | 28 |

Scale 1:2

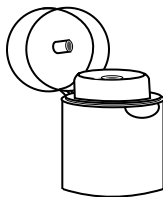


Flip Top

Smooth sided flip top closure, Polypropylene, White

| Code | Neck Finish |
|---------|-------------|
| P520/37 | 24mm R4 |

Scale 1:2



NOZZLES & PLUGS

Nozzles

- Long taper, blind
- Low density polythene, natural, except 33mm which is white

With attached cap

| Code | Neck Finish |
|---------|-------------|
| P571/05 | 22mm R6 |
| P574/09 | 28mm R6 |

Plain

| Code | Neck Finish |
|---------|-------------|
| P573/09 | 28mm R6 |
| P573/11 | 33mm R3 |

Plugs

- Low density polythene, natural

For Polythene and Polypropylene Bottles, other than P004

One Hole

| Code | Neck Diameter mm |
|---------|------------------|
| P550/02 | 18 |
| P550/05 | 22 |
| P550/09 | 28 |

Blind

| Code | Neck Diameter mm |
|---------|------------------|
| P553/02 | 18 |
| P553/05 | 22 |
| P553/09 | 28 |
| P553/13 | 58 |

For Cylindrical Bottles, P004

One Hole

| Code | Neck Diameter mm |
|---------|------------------|
| P550/04 | 22 |

For PVC Bottles

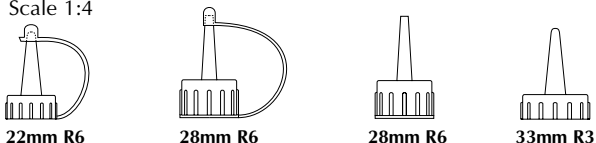
One Hole

| Code | Neck Diameter mm |
|---------|------------------|
| P580/01 | 15 |
| P580/03 | 18 |
| P580/04 | 20 |
| P580/06 | 22 |
| P580/07 | 24 |



Nozzles

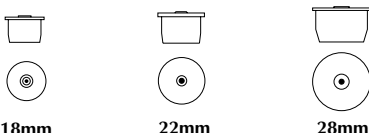
Scale 1:4



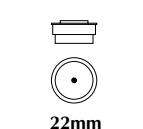
Plugs

Scale 1:3 Front & Top

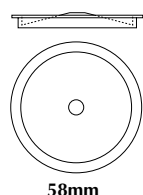
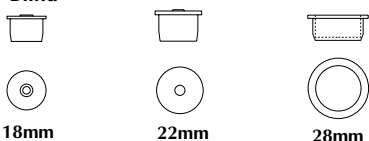
One Hole



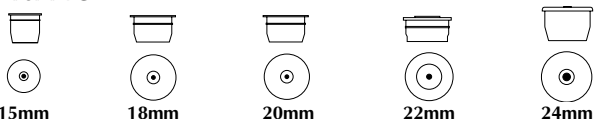
For P004



Blind



For PVC



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S MURRAY & CO

TERMS & CONDITIONS

1. DEFINITIONS

1. "The Company" - means S Murray & Co Limited.
2. "The Customer" - means the customer of the company.
3. "The Contract" - means any contract for the sale of goods by the company to the customer.
4. "The goods" - means goods of any description forming the subject matter of this contract including, parts, components and ingredients of any materials incorporated into the goods.

2. QUOTATIONS

Quotations by the company unless otherwise stated in terms or otherwise agreed by the company in writing shall be open for acceptance within 30 days of the date of the quotation.

3. EXISTENCE OF CONTRACT

1. No contracts shall come into existence until the customer's order (whether placed pursuant to a quotation or otherwise) is accepted by the earliest of:
 - (a) the company's written acceptance;
 - (b) delivery of the goods;
 - (c) delivery of the company's invoice.
2. These conditions shall be incorporated in the contract to the exclusion of any terms and/or conditions stipulated or referred to by the customer.
3. No variations or amendments of this contract or these terms and conditions shall be binding on the company unless confirmed by it in writing.
4. The customer hereby agrees that no reliance will be placed upon any written or oral statements or representation made by the company its servants or agents which is not enclosed or contained in the company's quotation or acknowledgement of order or which is not reduced into writing by the customer and acknowledged in writing by the company before the contract comes into existence in accordance with sub-paragraph 3.1 above.

4. PRICES

1. Prices are ex-works and exclude freight, insurance and delivery charges; and further exclude Value Added Tax and all other taxes or duties whatsoever.
2. The company shall have the right to increase its prices to the customer to account for any alteration in the cost of materials, parts, or labour or to account for any changes in work or delivery schedules or quantities, or to account for increases in the company's costs of any kind arising for any reason after the date of the contract.
3. The company shall not increase the price of any goods which are the subject matter of an invoice already delivered by the company to the customer.

5. PAYMENT

1. All invoices are payable without discount of any kind in pounds sterling on the last day of the month following the date on the company's invoices at the premises stated on the invoice as being the company's premises.
2. In no circumstances whatsoever shall the customer be entitled to make any deduction or claim any set-off or with-hold payment on any invoice for any reason at all.
3. Time for payment shall be of the essence of the contract. The customer may be required to pay to the company interest on any overdue amount from the dates the payment was due to that on which it is made (whether before or after judgement) on a daily basis at the rate of 4% per annum over the base rate from time to time quoted by National Westminster Bank Plc and the customer shall reimburse to the company all costs and expenses (including legal costs) incurred in the collection of any overdue amount.

6. TITLE

1. Property in the goods shall remain with the company and shall not pass to the customer (notwithstanding the earlier passing of risk) until the price of the goods has become due and has been paid by the customer in full.
2. Until property passes to the customer upon payment for the goods the customer shall hold the goods as bailee for the company and shall store or mark them so that they can at all times be identified as the property of the company.
3. The company shall be entitled at any time before property passes to the customer to repossess all or any of the goods and/or use or sell them (without any liability to the customer), and so terminate the customer's right to use, sell or otherwise deal with them as the company's bailee.
4. For the purposes set out in sub-paragraph 6.3 above or for the purposes of determining what goods are held by the customer and inspecting them; the company or its authorised agents may at any time enter and remain upon any premises of the customer.
5. The company shall be entitled at any time before property passes to the customer whether or not payment for the goods is due require the customer forthwith to return the goods to the company (at the customer's expense) to any address the company may reasonably specify.
6. Until property passes the entire proceeds of sale of the goods shall be held in trust for the company and shall not be mixed with other monies or paid into any overdrawn bank account and shall be at all times identifiable as the proceeds of sale.
7. The company shall be entitled to maintain an action against the customer for the price of the goods notwithstanding that property in them has not passed to the customer.

7. DELIVERY; RISK; PERFORMANCE

1. Goods are delivered to the customer when the company makes them available to the customer or any agents of the customer or any carrier (who shall be the customer's agent who-ever pays his charges) at the company's premises or other delivery point agreed in writing by the company.
2. Risk in the goods passes when they are delivered to the customer as aforesaid.
3. The company may deliver goods by instalments in any sequence.
4. No default or failure by the company in respect of any use or more instalments shall vitiate the contract in respect of goods already delivered to the customer, or yet to be delivered to the customer and where the goods are delivered by instalments each instalment shall be deemed to be the subject of a separate contract.
5. The company may deliver and the customer shall accept in satisfaction of the contract a lesser quantity than the quantity of goods ordered.
6. Any dates quoted by the company or specified by the customer for the delivery of the goods are deemed to be approximate only and shall not form part of the contract and the customer acknowledges that in the performance expected of the company no regard has been paid to any quoted delivery dates.
7. Time for delivery is not of the essence of the contract.
8. If the customer fails to take delivery of the goods or any part of them on the date they are made available and or fails to provide written instructions or any documents licences consents or authorisations required to enable the goods to be delivered the company shall be entitled to store or arrange for the storage of the goods, and the risk in the goods shall pass to the customer delivery shall be deemed to have taken place and the customer shall pay to the company all costs and expenses including storage and insurance charges arising from its failure.
9. The company shall not be liable for any penalty loss injury or damage or expense arising from any delay or failure in delivery or performance from any cause whatsoever nor shall any such delay or failure entitle the customer to refuse to accept any delivery or performance of or to repudiate or terminate the contract.

8. CLAIMS NOTIFICATION

1. Any claim for non-delivery of any goods in the United Kingdom shall be notified by the customer to the company within 14 days of the date on the company's invoice.
2. Any claims that the goods have been delivered damaged or are not of the correct quantity or do not comply with the description in the contract shall be notified by the customer to the Company within seven days of their delivery or deemed delivery.
3. Any alleged defect in the goods shall be notified by the customer to the Company within seven days of delivery or in the case of any defect which is not reasonably apparent on inspection within seven days of the defect coming to the customer's attention.
4. Any claim under this condition must be in writing and must contain full details of the claim including any details required by the Company to identify the goods.
5. The Company shall be afforded a reasonable opportunity and facilities to investigate any claims under this condition and the customer shall if so requested in writing by the Company promptly return any goods the subject of any claim and any packing securely packed and carriage paid to the Company for examination.
6. The Company shall have no liability with regard to any claim in respect of which the customer has not complied with the provisions of this condition.

9. SCOPE OF CONTRACT

1. Under no circumstances whatsoever shall the Company have any liability of whatever kind for:
 - (a) any defects resulting from wear and tear accident or improper use or storage after delivery;
 - (b) any goods which have been altered after delivery;
 - (c) the suitability of any goods for any particular purpose or use under specific conditions whether or not those purposes or conditions were known or communicated to the Company.
2. Under no circumstances whatsoever shall the Company have any liability of whatever kind for any:
 - (a) descriptions, illustrations, specifications, figures as to performance, drawings and particulars of weights and dimensions submitted by the Company contained in the Company's catalogues, price lists or elsewhere since they are merely intended to project a general idea of the goods and not to form part of the contract or be treated as representations;
 - (b) technical information recommendations, statements or advice furnished by the Company its servants or Agents;
 - (c) any variations in the quantities or dimensions of any goods or changes in their specifications or substitution of any materials if the variation or substitution does not materially affect the characteristics of the goods and the substituted materials are of a quality equal or superior to those originally specified.

10. EXTENT OF LIABILITY

1. The Company shall have no liability to the customer (other than liability for death or personal injury resulting from the Company's negligence) for any loss or damage of any nature arising from any breach of any express or implied warranty or condition of the contract or any negligence breach of statutory or other duty on the part of the Company or in any other way out of or in connection with the performance or purported performance of or failure to perform the contract except in accordance with this condition.
2. If the customer establishes that goods have not been delivered or have been delivered damaged or are not of the correct quantity or do not comply with their description or are defective, the Company shall at its option replace with similar goods any goods which are missing, lost or damaged or do not comply with their description or are defective or allow the customer credit for their invoice value or refund to the customer the invoice price of any such goods.
3. If the Company is liable in accordance with this condition in respect of only some goods the contract shall remain in full force and effect in respect of the other goods in the contract.
4. The Company shall not be liable in any circumstances whatsoever for goods which are lost or damaged in transit and all claims shall be made against the carrier.
5. There are no circumstances in which the liability of the Company to the customer under this condition shall exceed the invoice value of the goods.

11. GENERAL

1. If the customer fails to make any payment or otherwise defaults in any of its obligations under the contract or any other contract or agreement with the Company or becomes insolvent, has a receiver appointed or is wound up (voluntarily or compulsorily) or the Company bona fide believes that any such event may occur; then the Company may suspend or terminate the supply of any goods and shall be entitled to forfeit any monies already paid.
2. The contract and its subject matter are confidential and shall not be disclosed or used for any unauthorised purpose.
3. The contract cannot be cancelled without the written agreement of the Company and upon payment by the customer to the Company of 25% of the total contract price, or such other sum expressly agreed in writing by the Company.
4. The contract shall be governed by the English Law and the customer consents to the exclusive jurisdiction of the English Courts in matters regarding the contract except to the extent that the Company invokes the jurisdiction of the Courts of any other country.
5. Any notice to be given under this contract shall be in writing or sent by facsimile transmission or forwarded by recorded delivery post to the receiving party at its business address or last known business address and shall be deemed to have been given on the date of the facsimile transmission or on the day following that on which the notice was posted.

12. FORCE MAJEURE

The Company shall not be liable for any failure in the performance of any of its obligations under the contract caused by factors outside its control.

13. EXPORTS

1. For the avoidance of doubt all the above terms and conditions apply to orders from customers outside the United Kingdom as well as those from within the United Kingdom.
2. The provisions of this condition apply to customers from outside the United Kingdom in addition to the remaining conditions but if any inconsistency arises between this condition and any others, for customers from outside the United Kingdom the provisions of this condition shall prevail.
3. Orders from customers outside the United Kingdom must be covered by an irrevocable letter of credit to cover the purchase price and any other additional costs and charges whatsoever, confirmed by a London clearing Bank unless other arrangements have been made and agreed between the Company and the customer in writing.
4. The Company's prices do not include F.O.B. charges or any delivery charges to docks, airports or otherwise to the customer's order.
5. Any obligation on the Company to carry or arrange for the carriage of any goods to any points outside the Company's premises must be agreed with the Company in writing, will be entirely at the customer's expense and will be invoiced to the customer by the Company separately and at cost price.
6. Insurance is only effected on the customer's specific instructions and to the customer's specific requirements, notified to the Company in writing, and entirely at the customer's expense. However, the Company is under no obligation to accept any instructions to effect any Insurance cover.
7. The notification periods specified in clause 8 shall be extended in each case by seven days for customers from outside the United Kingdom.
8. Unless otherwise agreed in writing by the Company before the contract is made it is the responsibility of the customer to make provision for the delivery of goods outside the Company's premises and to provide all necessary instructions, documents, licences, consents, authorisations, permissions and insurance required for the acceptance of the goods from the Company on the due date.