

# So good we bottle it

We are experts at crafting sophisticated, stand out glass bottles that build on the brand strategies of our customers. We collaborate with you to deliver on the promise of what's inside.

Our passion is producing high quality glass packaging solutions. Our state-of-the-art glass facility produces bottles for all beverage types from beer, wine, cider and alcoholic ready-to-drink styles to carbonated soft drinks and juices.

With a passionate team of specialist glass engineers, we offer fully customised glass bottle specifications and packaging. We also import bottles for customers requiring smaller quantities or specific custom designs. Together we work with you to ensure our bottles perform optimally throughout the entire supply chain from manufacture through to final consumption.



# What we do

With over 30 standard bottle designs and seven glass colours to choose from, we offer diverse and inspired glass bottle selections from 330mL beer bottles to 1.5L wine magnums. Beyond our standard bottle range, we also work with customers to create bespoke bottle solutions of any form, size or design. We aspire to make the seemingly impossible, possible.

Orora's state-of-the-art glass manufacturing facility in South Australia is one of the largest glass plants in the southern hemisphere. Working with our global partners, we maintain a definitive focus on leading the market with high quality and innovative glass packaging solutions.

#### Wine bottles

As one of Australia's leading glass bottle manufacturers, we provide complete packaging solutions for winemakers all across the asia-pacific region. We proudly support any size producer, from small boutique wineries through to multinational brands and global wine distributors. Our range covers claret, burgundy, sparkling, riesling and fortified, with several sizes, colours and closure finishes to choose from.

#### Beer bottles

Our glass facility in South Australia also manufactures stock and custom designed bottles for beer and cider. With multiple designs available in amber and green glass, we work with you to ensure you find the right bottle to suit your brand and product requirements. We can also help you create your perfect bottle design through embossing, shrink sleeving or exploring our imported bottle range.

#### Carbonated beverage bottles

We offer a versatile range of imported standard beverage bottles. We also work with customers to develop proprietary ranges for specific lines and product releases.

#### Legend

C Colour

FNa Finish name

FNo Finish number

Ca Capacity

FP Fill point

B BrimfulH Height

D Diameter

LP Label panel

W Weight

P Process

**UPP** Units per pallet

**CNo** Customer number

AB Arctic Blue

AG Antique green

AM Amber CG Classic Green

G Emerald Green

FG French Green

F Flint





## Beer, cider and carbonated beverages

#### AG 135 - CS3 and TC3 330mL

Craft Beer

ΑM

FNa Crown Seal & Twist Crown FNo CS3 & TC3 - 26 - 665

332mL ± 3.6mL

FP 52mm

В 351mL

222.9mm ± 1.2mm Н

60.0mm  $\pm 1.2$ mm

Approx. 80.0mm

W 205g

NNPB

**UPP** 2260

Gas Volume  $4\,\mathrm{g/v}$ 

#### AG 118 - R07 330mL

Non Returnable Beverage

FNa ROPP

FNo RO7

332mL ± 3.6mL Ca

FP 52mm

351mL

222.9mm ± 1.2mm Н

60.9mm ± 1.2mm

Approx. 84mm

۱۸/ 205g

NNPB **UPP** 2250

Gas Volume 4 g/v



#### AG 118 - CS3 330mL

Non Returnable Beverage

AM - EG

FNa Crown Seal

FNo CS3

332mL ± 3.6mL Ca

FP 52mm

351mL

222.9mm ± 1.2mm Н

D 60.9mm ± 1.2mm Approx. 84mm LP

205g ۱۸/

NNPB

UPP 2250 - AM 4050 - EG

Gas Volume 4 g/v



#### AG 118 - TC3 330mL

Non Returnable Beverage

AM - CG

FNa Twist Crown

FNo TC3

332mL ± 3.6mL Са FP

52mm

351mL Н

222.9mm ± 1.2mm D

60.9mm ± 1.2mm Approx. 84mm LP

205g

NNPB

**UPP** 2250

Gas Volume 4 g/v



#### AG 081 - R07 750mL

Non Returnable Beverage

ΑM

FNa ROPP FNo RO7

 $753mL \pm 5.6mL$ 

FP 44.3mm

784mL В

Н 250mm  $\pm$  1.6mm

80.7mm ± 1.5mm D

LP Approx. 89mm W 455g

ВВ

**UPP** 1040 Gas Volume 5 g/v



Let us help you create your perfect bottle design through embossing, shrink sleeving or exploring our imported bottle range



## Sparkling, riesling and fortified

#### AG 012 - C12 750mL

Methode

AG С

FNa Crown Cork FNo C12

757mL ± 5.5mL Са

FP 91.5mm 795mL

В 304.3mm ± 1.6mm

D 87.9mm ± 1.5mm

LP Approx. 109mm

W 890g BB **UPP** 860

Gas Volume 7 g/v



#### AG 072 - C12 750mL

Sparkling

AG

FNa Crown Cork

FNo C12 Са

753mL ± 5.6mL

FP 83mm

В 782mL

Н 304mm ± 1.6mm

D 86mm ± 1.6mm

LP Approx. 101mm

W 800g

BB **UPP** 888

Gas Volume 7 g/v



#### AG 908 - 1650 200mL IMPORTED Sparkling

AG

FNa Top & Side Seal

FNo 1650

200mL ± 4.3mL

FP 50mm

В 215mL

188mm ± 1.4mm Н

D 64.5mm ± 1.3mm

LP Approx. 45.9mm

W 268g

BB

**UPP** 1998

Gas Volume 5 g/v



#### AG 134 - RO3 750mL

**BVS Salverde** 

ΑM

FNa 30 x 44 BVS

FNo RO3

Ca 753mL ± 5.5mL

FΡ 68mm

В 778mL

Н  $281mm \pm 1.6mm$ D 78.7mm ± 1.5mm

Approx. 125.5mm LP

380g

NNPB

**UPP** 1048



С ΑG

FNa Crown Cork

FNo C12

753mL ± 5.5mL

FP 87mm

В 787mL

283.6mm ± 1.6mm

Π 96.4mm ± 1.5mm

Approx. 46.7mm

880g W

ВВ **UPP** 700

Gas Volume 7 g/v



#### AG 007 - C12 750mL

Sparkling

FL - AB - AG

FNa Crown Cork

FNo C12

757mL ± 5.5mL Ca

82.6mm

787mL R

298.8mm  $\pm$  1.6mm

84.9mm ± 1.5mm

LP Approx. 99mm

680g

ВВ

**UPP** 916

Gas Volume 5 g/v



#### AG 014 - R01 750mL **BVS Riesling**

FL - AM - AG - CG - EG r:

FNa 30 x 60 BVS

FNo RO1

 $753mL \pm 5.5mL$ Са

30mm

762mL В

 $328mm \pm 1.6mm$ 

D 76.3mm ± 1.5mm

Approx. 114.9mm 518g

BB

**UPP** 858



## Burgundy

#### AG 005 - C02 750mL

Premium Burgundy

C AG

FNa Plain Band Cork

FNo CO2

Ca 753mL ± 5.5mL

FP 63mm

B 772mL

H 295mm ± 1.6mm D 86.3mm ± 1.5mm

LP Approx. 84mm

W 546g P BB UPP 888



#### AG 010 - C04 750mL

Punted Burgundy

C FG

FNa Taper Cork Mouth

FNo CO4

 $\begin{array}{ll} \textbf{Ca} & 753\text{mL} \pm 5.5\text{mL} \\ \textbf{FP} & 63\text{mm} \end{array}$ 

B 772mL

H 298mm ± 1.6mm D 80.5mm ± 1.5mm

LP Approx. 114mm

**W** 497g

P BB UPP 1012



#### AG 021 - R01 750mL

**BVS Premium Burgundy** 

C FG - AG

FNa 30 x 60 BVS

FNo RO1

Ca 753mL ± 5.5mL

FP 30mm

B 762mL

H 294mm ± 1.6mm D 86mm ± 1.5mm

D 86mm ± 1.5mrLP Approx. 89mm

**W** 560g

P BB UPP 888



#### AG 034 - R01 375mL

**BVS** Burgundy

C FG

FNa 30 x 60 BVS

FNo RO1

Ca 377mL ± 4mL

FP 30mm

B 385mL

H 240mm ± 1.6mm D 67.3mm ± 1.5mm

LP Approx. 76mm

W 360g P BB

UPP 1845



#### AG 089 - R01 CMP 1L

**BVS** Wine

C AB - AG

FNa 30 x 60 BVS

FNo RO1

Ca 1003.4mL ± 6.8mL

FP 34mm

B 1014mL

H 332.7mm ± 2mm

D 83.3mm ± 1.6mm

LP Approx. 145.6mm

W 540P BB

UPP 672



#### AG 086 - R01 750mL

**BVS** Burgundy

C FL - AB\* - FG - AG

FNa 30 x 60 BVS FNo RO1

Ca 753mL ± 5.5mL

FP 30mm

B 762mL

H 297mm ± 1.6mm

**D** 80.1mm ± 1.5mm

LP Approx. 114mm

**W** 415g

P BB

**UPP** 1012

Gas Volume 2 (\*AB only)



#### AG 111 - RO1 750mL

**BVS** Burgundy

C AB\* - FG

FNa 30 x 60 BVS

FNo RO1

Ca 753mL ± 5.5mL

FP 30mm

B 762ml

H 297mm ± 1.6mm

D 77.5mm ± 1.5mm LP Approx. 110mm

W 360g

P BB

**UPP** 1120

Gas Volume 1.8 g/v (\*AB only)



#### AG 120 - R01 750mL

**BVS** Burgundy

C F

FNa 30 x 60 BVS

FNo RO1

Ca 753mL ± 5.5mL

FP 30mm

B 762mL

H 284mm ± 1.6mm

D 78.1mm ± 1.5mm

LP Approx. 103mm

W 330gP BB

UPP 1080



## Claret

#### AG 027 - R01 750mL

BVS Super Premium Bordelaise

C AB - AG FNa 30 x 60 BVS FNo RO1

 $\begin{array}{ll} \textbf{Ca} & 753\text{mL} \pm 5.5\text{mL} \\ \textbf{FP} & 30\text{mm} \end{array}$ 

B 762mL

 $\begin{array}{ll} H & 329 mm \pm 1.6 mm \\ D & 75 mm \pm 1.5 mm \\ LP & Approx. 188 mm \end{array}$ 

W 732g P BB UPP 858



#### AG 044 - R01 750mL

**BVS Punted Claret** 

C FL - AB\* - AG - FG FNa 30 x 60 BVS FNo R01 Ca 753mL ± 5.5mL FP 30mm B 762mL

 $\begin{array}{lll} \mbox{H} & 297\mbox{mm} \pm 1.6\mbox{mm} \\ \mbox{D} & 76.3\mbox{mm} \pm 1.5\mbox{mm} \\ \mbox{LP} & \mbox{Approx.}\,155.5\mbox{mm} \end{array}$ 

W 465gP BBUPP 1144

Gas Volume 2 g/v (\*AB only)



#### AG 048 - R01 CMP 1.5L

**BVS** Claret

С

FNa 30 x 60 BVS FNo R01 Ca 1505mL ± 7mL FP 58mm B 1521mL H 326.7mm ± 1.6mm D 98.2mm ± 1.5mm

AB\* - AG

H 326.7mm ± 1.6mm D 98.2mm ± 1.5mm LP Approx. 164.7mm W 700g P BB

UPP 4 High 664

Gas Volume 2 g/v (\*AB only)



#### AG 104 - R01 750mL

**BVS** Claret

C FL - AB\* - FG - AG FNa 30 x 60 BVS FNo R01 Ca 753mL ± 5.5mL FP 30mm

B 762mL H 297mm ± 1.6mm D 73.9mm ± 1.5mm

LP Approx. 154.5mm W 380g P BB

**UPP** 1184

Gas Volume 1.8 g/v (\*AB only)



#### AG 028 - C02 750mL

Super Premium Bordelaise

C AG FNa Plain Band Cork FNo CO2

Ca 753mL ± 5.5mL

FP 63mm B 772mL

H 330mm ± 1.6mm

D 75.1mm ± 1.5mm LP Approx. 188.2mm

W 700g P BB UPP 858



#### AG 045 - R01 750mL

**BVS Premium Claret** 

 $\begin{array}{lll} \textbf{C} & \text{FL - AB - FG - AG} \\ \textbf{FNa} & 30 \times 60 \text{ BVS} \\ \textbf{FNo} & \text{RO1} \\ \textbf{Ca} & 753\text{mL} \pm 5.5\text{mL} \\ \end{array}$ 

 $\begin{array}{ll} \textbf{Ca} & 753\text{mL} \pm 5.5\text{mL} \\ \textbf{FP} & 30\text{mm} \end{array}$ 

B 762mL

 $\begin{array}{ll} H & 309mm \pm 1.6mm \\ D & 76mm \pm 1.5mm \\ LP & Approx. 161mm \end{array}$ 

W 530g P BB UPP 1144



#### AG 088 - C02 750mL

**Punted Claret** 

C AG

FNa Plain Band Cork Taper Cork Mouth

FNo CO2

Ca 753mL ± 5.5mL

FP 63mm

B 773mL

H 298mm ± 1.6mm D 76.3mm ± 1.5mm

LP Approx. 153mm

**W** 445g

P BB UPP 1144



#### AG 119 - R01 750mL

**BVS** Claret

C FG

**FNa** 30 x 60 BVS

FNo RO1

Ca 753mL ± 5.5mL

FP 30mm

B 762mL

H 284mm ± 1.6mm

D 74.2mm ± 1.5mm

LP Approx. 145.8mm

W 330gP NPBB

P NPBB UPP 1188



#### AG 064 - C02 1.5L

Claret

AG

FNa Plain Band Cork

FNo CO2

1505mL ± 7mL Са

70mm В 1526mL

326.6mm ± 1.6mm Н

D 98.4mm ± 1.5mm LP Approx. 163.5mm

W 700g

Р BB **UPP** 3 High 498

**UPP** 4 High 664



#### AG095 - R01 750mL

**BVS Claret with Label Recess** 

AB\* - FG - AG

**FNa** 30 x 60 BVS

FNo RO1

 $753mL \pm 5.5mL$ Са

30mm В 762mL

 $307mm \pm 1.6mm$ Н

D 74.5mm ± 1.5mm

LP Approx. 156mm

W 415g BB

**UPP** 1184

Gas Volume \*Gas rating available on AB only upon

request



#### AG907 - 187mL

Claret

FL - AG - AB - AG

FNa 25 x 43 Rotel

FNo RO1

Са 190mL ± 4mL

FP 18.5mm В

193.5mL

183.3mm ± 1.4mm

D 49.2mm ± 1.0mm

LP Approx. 91mm W 154g

BB

**UPP** 3246

Gas Volume 2 g/v

#### **IMPORTED**



#### AG 041 - CO2 750mL

Premium Claret

ΑG

FNa Plain Band Cork

FNo C02

753mL ± 5.5mL Ca

FP 63mm

772mL В

310mm ± 1.6mm Н

D 76.0mm ± 1.5mm

LP Approx. 162mm

W 530g

ВВ

UPP 1144



#### AG096 - C02 750mL

Cork Mouth Claret with Label Recess

AB - AG

FNa Plain Band Cork

FNo C02

 $753mL \pm 5.5mL$ Сa

FP 63mm

773mL В

308.0mm  $\pm 1.6$ mm Н

D 74.7mm ± 1.5mm

Approx. 133.8mm LP

415g W

ВВ UPP 1184

#### AG116 - RO1 750mL

Claret

С ΑG

FNa 30 x 60 BVS

FNo RO1 750mL ± 5.5mL

Ca

FΡ 30mm

762mL В

 $307mm \pm 1.6mm$ 72.1mm ± 1.6mm D

LP

Approx. 170mm 410g

W ВВ

**UPP** 1284



# Neck finish range

#### Finish it off

Once you have selected your Orora bottle style, you may select from the following neck finishes.

#### Bottle finishes

TC3 – Beer Finish	
CS3 – Beer Finish	
C12 – Sparkling/Champagne Finish	
R01 – Wine BVS Finish	
R03 – Wine BVS Finish	
R07 – ROPP Finish	
C02 – Wine Cork Finish	
CO4 – Wine Cork Block Top	

# Untap your brand potential

Providing quality glass bottles is only part of what sets us apart. A recognised benefit of working with Orora is our ability to customise your product and create complete beverage packaging solutions to suit your brand personality.

#### Embossing and debossing

Creating a unique bottle design is easy using our embossing and debossing expertise. Bring your brand to life through creative designs that can be applied to the neck, shoulder, label panel and base of any bottle.

#### Shrink sleeve technology

Printed shrink sleeves take your brand to the next level by using 100% of the surface area to transform any bottle into a powerful marketing tool. Tell your brand story through 360 degrees of marketing space wrapped around your entire bottle. Shrink sleeves utilise a vast array of printing technologies including thermochromic, UV, metallic, illuminating and fluorescent inks, which create visually pleasing results such as frosted, tactile, holographic and embossed looks.

#### Anti-counterfeit technology

With counterfeiting and product tampering on the rise, we work closely with our customers to protect brand reputation and ensure consumer safety through sophisticated anti-counterfeit technology. Brand owners and consumers can easily identify fake products and this technology can be applied across large and small scale promotions.

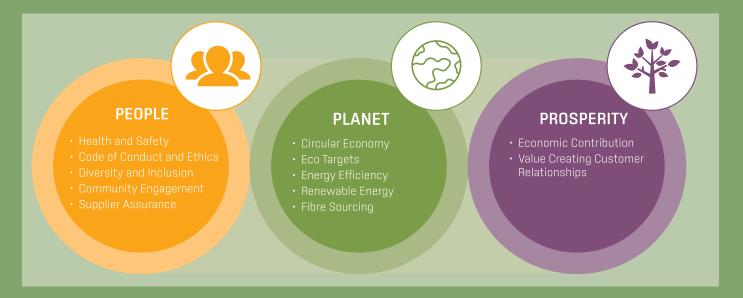
#### Imported bottles and custom designs

In addition to the suite of glass bottles in this catalogue, we offer a versatile range of imported standard beverage bottles. We are also happy to work with you to develop a proprietary range for your products.



# Orora's approach to sustainability

Sustainability at Orora is managed through three focus areas: People, Planet and Prosperity. Through these areas Orora works closely with customers and vendors to improve the sustainability outcomes of the products and services it provides. Orora does this by focusing on the ways in which packaging can be manufactured for the customer, collected for recycling and manufactured back into new packaging that is then returned to the customer.



#### People

#### **Health and safety**

A commitment to keeping people safe is a core value for Orora team members. Orora's long-term safety objectives are focused on Leadership, Risk management, Safety standards, plant and equipment design and capability.

#### **Diversity and Inclusion**

Orora is strongly committed to developing an inclusive and respectful work environment, to optimise diversity of thought and background. This is supported by the Champions of Change network, and the Women in Leadership at Orora (WILO), which look to growing and developing diverse talent now and in the future.

#### **Planet**

#### **Circular Economy**

A large focus for Orora is working towards the principles of a circular economy. This this means making packaging that is both made from recycled content and is recyclable while staying fit-for-purpose.

Orora's Gawler Glass Manufacturing plant in South Australia is a significant user of recycled glass (cullet), in Australia. The plant currently consumes approximately 80% of cullet derived from the South Australian container deposit scheme.

Orora's cans, ends and wine closures are manufactured from Aluminium, which contains up to 70% recycled content. Aluminium is 100% recyclable and requires only 5% of energy used to create virgin aluminium, with no loss of properties or quality during the recycling process.

#### Renewable energy

Orora is driving its commitment to a low emissions future via two long-term power purchase agreements for renewable wind energy in Australia. These agreements, from Clements Gap, South Australia, and Lal Lal, Victoria, will provide equivalent to 80% of Orora's total electricity demand in Australia, including South Australian and New South Wales, where Orora has its largest and most energy intensive plants.

#### Prosperity

#### Economic contribution

Orora strives to generate Prosperity by making a significant economic contribution to the communities in which it operates though employment opportunities and, value chain partnership, and in balance with the people and prosperity initiatives we undertakes along its sustainability journey.

#### Manufacturing Footprint

Our glass manufacturing facility follows Good Manufacturing Practices (GMP) and is accredited with the following GMP for packaging of food and beverage and HACCP (PAS223 and ISO22000), OH&S (AS/NZS 4801:2001), Environmental Performance (ISO 14001) certifications.

Orora glass bottles are manufactured from a mix of virgin raw materials with significant recycled content. Orora glass bottles are also infinitely recyclable without any compromise on quality.

# Orora at a glance

At Orora we believe packaging touches lives. Together we deliver on the promise of what's inside. Orora is a global business with a proud Australian heritage. Orora works closely with customers to provide an extensive range of tailored packaging and visual communications solutions. Every day, millions of consumers buy and use goods in packaging proudly designed, developed, produced or supplied by Orora.

In Australasia, Orora is segmented into two Business Groups – Fibre and Beverage. Orora Beverage provides market-leading solutions for the beverage industry and has particular specialisation in glass bottles, aluminium cans and closures.

#### Orora Beverage

Orora Beverage is made up of three business units:

#### Orora Beverage Cans

Orora Beverage Cans is a market leader in primary metal packaging for beverages. To meet the changing needs of customers, we manufacture a broad range of aluminium cans including classic cans, sleek cans and slimline cans. Cans can be enhanced with innovative options, such as shaped and/or embossed cans and use of thermochromic, fluoro and tactile inks to create a striking and enhanced brand presence for all beverage occasion from carbonated soft drinks, beer and wine.

#### Orora Glass

Orora is a leading supplier of innovative glass packaging solutions. From our world-class glass manufacturing facility in Gawler, South Australia we produce an array of glass bottles in a variety of colours to support the brand strategies of our customers. With a definitive focus on high quality, creative glass packaging solutions, we offer standard wine and beer bottles, as well as custom designs and innovative glass bottle sleeving.

#### **Orora Closures**

We deliver a diverse range of aluminium and plastic closures to leading beverage brands. Our focus is on product integrity, functionality and innovation. We have unrivalled expertise working with customers to create closures that integrate into their packaging requirements with ease.

## Engineering and technical support

While the supply of quality wine closures and can ends is an integral part of our business, machinery supply and maintenance brings our product to life. Orora maintains global alliances with recognised machinery technology partners and suppliers such as Ball Corporation, Pelliconi, Zalkin, Global Closure Systems and Crown Packaging to ensure our customers have access to the best capping solution for your wine (including Barokes "Vinsafe" technology) or beverage operations.

Orora's specialist Customer
Engineering Services and Design
(CESD) team is available to assist our
customers in their packaging
production. Working closely with our
customers, our experienced service
engineers can modify, design and
upgrade existing steam vacuum
capping and can end seaming
machines. We also refurbish second
hand or existing equipment, offering
a cost-effective alternative for the
purchase of capping equipment.

Orora CESD can also support you with:

- Audit of your equipment and maintenance program
- Adjustment of machines and distributors as required
- Operator training and problem solving techniques
- Equipment modification and optimisation to enhance line performance

#### Orora Fibre

Orora Fibre manufactures and supplies a broad and innovative range of corrugated boxes and specialised cardboard packaging to leading brands. Our fibre products are used in a variety of market segments including wine and beverage, meat, horticultural, food, manufacturing, technology, retail, automotive and e-commerce. We also maintain a large inventory of ready-made packaging materials and proudly produce 100% recycled paper from our advanced paper recycling plant in New South Wales, which produces almost 400,000 tonnes of paper each year.







SITES



**TEAM MEMBERS** 



Products	Glass	Aluminium	Closures
& services	bottles	cans	& caps
Boxes	Point of purchase	Packaging	Recycled
& cartons	displays	equipment	paper
Rigid packaging	Bags & sacks	Flexible packaging	General packaging materials & supplies
Orora delivers an extensive range of tailored packaging and visual communication solutions			
Printing	Research	Product	Automation
& signage	& technology	sourcing	& engineering



### Contact us

To find out how we can take your packaging further, visit or oragroup.com/glass or contact us.

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Orora Limited produces an extensive range of packaging and visual communication solutions. The company generates revenues in excess of A\$4.2 billion annually and employs more than 6,800 people across 43 manufacturing plants and 91 distribution sites in seven countries.



