





Water bottle alternatives

Contents

- Introduction
- 2. Environmental impacts
- Reusable bottle considerations and recommendations
- Case studies
- Disposables review

Introduction

Click the Refill logo to return to the contents page



City to Sea is an environmental not-for-profit campaigning to stop plastic pollution - from the city to the sea. Our award-winning campaigns are focused on tackling the single-use plastic items found most commonly on our beaches by providing practical, solutions-focused initiatives and advocating reduce and reuse over single-use.

Refill is our biggest campaign to date - what started as a pilot in Bristol in 2015 has now grown to a global movement. Our mission was simple to prevent plastic pollution by making it easier to reuse and refill your water bottle on the go than to buy a single-use plastic bottle.

The campaign is now set to expand and become the one-stop shop for avoiding single-use plastic and switching to reusables. The expanded concept will include places that are happy for customers to bring reusable containers for refills of hot drinks; lunches & food-to-go; fruit and vegetables; toiletries; and all other grocery and household refills.



The problem with plastic

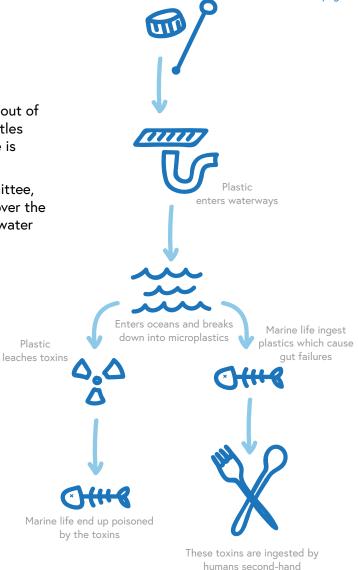
Our addiction to single-use bottled water is out of control. Every minute, one million plastic bottles are bought around the world, and that figure is expected to go up 20% by 2021.

According to the Environmental Audit Committee, consumption of bottled water has doubled over the last 15 years, with over seven billion plastic water bottles used each year in the UK.

Bottled water is almost more carbon intensive than drinking mains tap water

> plastic bottles are littered every single day in the UK.

Plastic bottles, caps and lids are the most commonly found single-use item on beaches in Europe.



Plastic pollution

Source: (1) Earth Watch Plastic Rivers report found that 14% of river litter items was bottles.

2 Environmental impacts

All reusable bottles have environmental impacts and a higher carbon footprint than plastic because they're made of more durable materials. These impacts are from:



The environmental damage

Mining materials like aluminium and steel, or manufacturing glass, causes the release of greenhouse gases as well as carcinogenic and toxic particulates.



The transportation

Bottles are often shipped from China and therefore have a damaging environmental impact (particularly eco-system damage from ore mining).



The production of materials

Large quantities of energy, materials and water are required for production.



Landfill and incineration of plastic bottles from the UK produces approximately 233,000 tonnes of CO₂e emissions a year.



Reusable bottle considerations

These would be our top-line recommendations when thinking about purchasing reusable bottles.



Choose high-quality stainless steel options

When selling or giving away reusable bottles choose a high quality stainless steel bottle that has a value rather than a low-quality plastic or aluminium bottle that leaves a nasty taste when used.



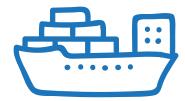
Think about pre-sales

To address concerns about investing in bottles that aren't sold you can do pre-sales.



Choose products that hold a higher value

People place a higher value on things that are finite or have a cost rather than cheap free things. When selling or giving away reusable bottles choose high-quality items people are going to keep, use and value.



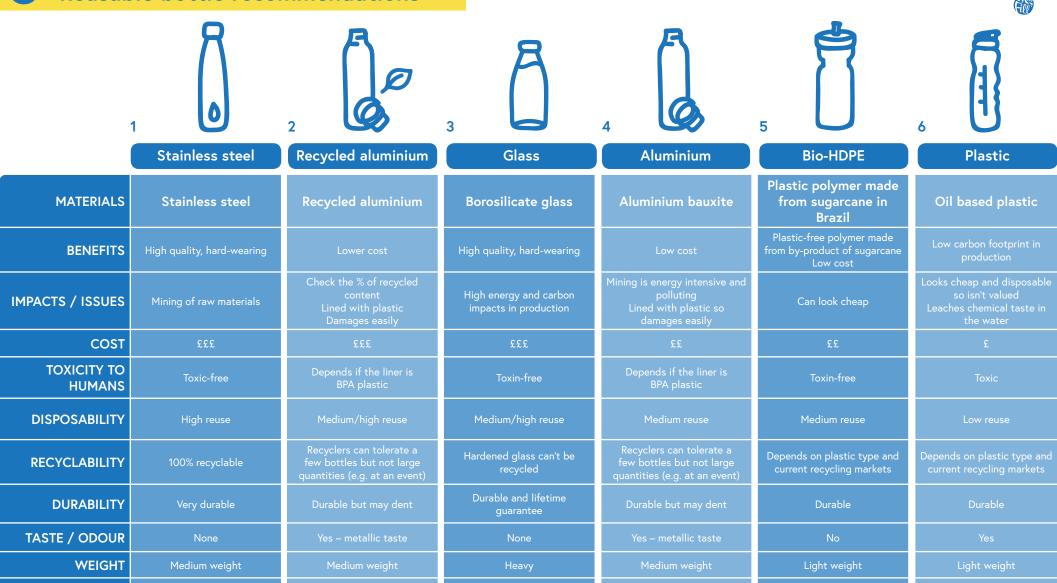
Request ship-freighted delivery

Allow enough lead time to have items shipped rather than flown.



DISHWASHER SAFE

Reusable bottle recommendations







Chilly's bottles

Chilly's and Refill are both on a fearless mission to accelerate the daily use of reusable products. The Chilly's x Refill bottle combines both style and performance whilst being eco-friendly and durable – it's the only bottle you need for hot or cold drinks on the go. Named 'Best Buy' by the Independent. Co-branding options – have your organisation's logo laser etched on your bottles.

Costs: starting at £13 for co-branded, wholesale or bulk orders. RRP £20. All orders include a minimum of £3 donation from Chilly's towards growing the Refill campaign.



RAW bottles

RAW Foundation helps to educate and empower young people to tackle plastic pollution, so all RAW bottles support their cause. 500ml bottles. Single wall 100% stainless steel. Laser-etched logos. Refill and/or City to Sea logo options as well as your own.

Costs: starting at £7.10 per bottle. RRP £10. Minimum order 30+ bottles.

Contact Alannah for bottle orders or queries: alannah@citytosea.org.uk





Robeco glass bottles

Robeco hosts and sponsors a number of large conferences and events throughout Europe. To avoid handing out single-use plastic water bottles, Robeco has provided glass reusable bottles and mobile water refill stations to fill them up throughout the events. These bottles have been well liked by attendees, with Bethany Morris, Head of UK Marketing, saying "Through our partnership with Refill we have been able to take the message to delegates, asking them to swap their single use plastic bottles and to encourage them to start refilling a reusable. By combining the onsite activity with email, social media and content we have been able to make an amazing impact." Robeco has also negotiated with conference organisers to encourage them to go plastic free and worked with them to find solutions.

They have replaced all bottled water in many of their European offices with the same glass reusable bottles; storing them in the fridge and using a new Sodastream to provide clients with chilled still or sparkling water without the environmental impact.



Wastepack bottles

After meeting some of the Refill team members at an event, Wastepack Group purchased reusable water bottles for all of their employees, to encourage them to ditch single-use plastics. They went for the Refill x Chilly's bottles, which they were able to purchase at a bulk order discount and have their company logo engraved for free. Chilly's also kindly donates to the Refill campaign for every Refill x Chilly's bottle bought, so through this order Wastepack were able to fund the campaign.

Even better – Wastepack also teamed up with Kids Against Plastic and bought one for each of the hard-working team of kids there!

Disposables review



If it is not possible to offer reusables and you are required to give out disposables because there is not a water point available this is our evaluation of disposables:







recycled plastics

Recycling

MATERIAL

PROS

CONS

PLASTIC LID?

WASTE STREAMS



Cans

| Up to 68% recycled content and plastic lining |
|--|
| Some do / some don't |
| Aluminium is infinitely recyclable |
| 32% of virgin aluminium is sourced from strip mines |
| Recycling |



Tetra Pak cartons

| Virgin paper, aluminium and plastic lining |
|--|
| Yes |
| Light weight |
| Hard to recycle all the materials Not made from recycled materials |
| Depends on local authority |



Glass





Paper bottles (Ch2oose)

Recycled paper and a

| waterproof liner |
|--|
| Metal lid |
| Using waste material with a no plastic or PLA liner |

Can't recycle afterwards

General waste







Refill is an award-winning campaign to prevent plastic pollution, making it easier to reuse and refill your water bottle on the go than to buy a single-use plastic bottle.

The campaign works by connecting people who are looking for water, with thousands of local businesses, transport hubs and public spaces where they can refill for free via a location-based app. Participating cafés, bars, restaurants, banks, galleries, museums and other businesses simply sign up to the app and put a sticker in their window – alerting passers-by that they're welcome to come on in and fill up their bottle.

We estimate Refill will have saved over 100 million single-use bottles from entering our waste stream by the end of 2019. In 2020, City to Sea, the organisation behind Refill, will be rolling the campaign out internationally and expanding to cover more than just drinking water. Get in touch to find out how to get involved.

www.refill.org.uk



About City to Sea

We're an environmental not-for-profit campaigning to stop plastic pollution - from the city to the sea. Our vision is for the world's waterways and coastlines to be strewn with sticks, sand and seaweed... not plastic!

Our award-winning campaigns are focused on tackling the single-use plastic items found most commonly on our beaches by providing practical, solutions-focused initiatives and advocating reduce and reuse over single-use.

Working with communities, corporates and retailers we're inspiring and empowering everyone to tackle plastic pollution - by connecting our actions to our oceans.

www.citytosea.org.uk

City to Sea Unit D, Albion Dockside Bldg, Hanover Place, Bristol, BS1 6UT Tel: 0117 422 4522 City to Sea is a Registered Community Interest Company, No. 09948596

Thank you

Please contact info@refill.org.uk for more information.





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