



## Replace Plastic Foodware Guide

This guide provides foodware replacement suggestions for the plastic and single-use items for food service businesses. It is not meant to be a comprehensive guide. Rather, it's a starting point for your search to replace the plastic in your food establishment.

The priority should be to encourage customers to bring their own (BYO) food containers to the store. The incentive for BYO behavior can be in the form of discount, e.g \$0.25 for a BYO cup or a charge for \$0.25 for a disposable cup.

Next is to use reusable serviceware for dine-in customers.

Only when those 2 priorities cannot be satisfied that the compostable single-use foodware would be used. This guide contains foodware that are compostable in an industrial facility. Care is taken to exclude any foodware that contains chemicals, such as PFAS.

There are breakeven and cost benefit calculations at the end of this guide to help you decide which is the most cost effective foodware to switch to.

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## BYO Ware

|   | Product                                  | Material   | Size/Cost  | Vendor           |
|---|--|--|--|------------------|
|    | Over the Shoulder Grocery Bag            | 100% Cotton Twill<br>10 oz fabric  | <a href="#">15.5”h x 14.5”w x 7”d</a><br><a href="#">\$358.02/72 (\$4.97 ea)</a><br><br>With logo<br>\$9.69/1-99<br>\$8.89/100-499 | Totobag Factory  |
|    | Cotton Produce Bags                      | Organic Cotton Mesh  | <a href="#">5 sizes: 6x9, 8x10, 10x12, 12x15, 14x18, 2 each - \$24.99/10</a>   | Net Zero Company |
|    | Grove Produce Bags                       | Organic Cotton Mesh  | <a href="#">3 sizes: 9x11, 11x13, 13x15, 2 each - \$12.99/6</a>  | Grove            |
|   | Netany Cups with lids and straws         | Cups – can-shaped glass<br>Lids – bamboo<br>Straw – glass<br>Dishwasher safe<br>Recyclable | <a href="#">16 oz - \$29.99/set of 8</a>   | Amazon           |
|  | Discount Promos Ceramic Tumbler with Lid | Cups – double wall ceramic<br>Lids – silicone  | <a href="#">11 oz - \$22.99/6 pack (\$3.83 each)</a>   | Amazon           |


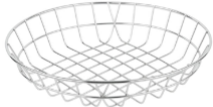

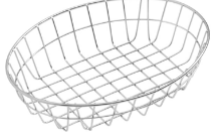



### Screen Printing Notes:

- Skokie Printing, Jonathon (847) 912-8582 - 10pc min/color  
Bags: 11w x13h - \$2; 20x15 - \$3.50  
Screen printing: 1 color - \$9/10; \$4.24/100; \$2.42/500; 2 colors - \$5.20/100; will cost less if coordinated
- Barrel Maker Printing, Buffalo Grove. Lindsay Cohen 773-490-3065  
Screen printing: 1 color - \$2.76/100; \$2.34/500; 2 colors - \$3.05/100; \$2.52/500  
Bags: 6 oz-12 oz cotton canvas, many sizes and brands - [\\$1.43+](#)

## Reusable Tableware

|   | Product                         | Material  | Size/Cost   | Vendor                      |
|---|---------------------------------|---|---|-----------------------------|
|    | Simply Essential Dinnerware Set | White Porcelain<br>Dishwasher safe<br>Microwavable<br>BPA free                              | 4 - 10.5" plate<br>4 - 7.5" salad/dessert plate<br>4 - 3" bowls - \$35<br><br>Get 20% off Rewards   | Bed Bath & Beyond           |
|    | World Tableware                 | White Porcelain<br>Dishwasher safe<br>Lead free<br>Microwavable<br>Oven safe                | <a href="#">7-1/4" plate - \$57.49/36</a><br><a href="#">10-3/8" plate - \$89.99/24</a>   | Webstaurant, PA             |
|    | Simply Essential Plate          | Tempered glass<br>Dishwasher safe<br>BPA free   | 10.23" plate - \$4.00<br>7.75" bowl - \$4.00<br><br>Get 20% off Rewards   | Bed Bath & Beyond           |
|   | Choice Windsor flatware         | Stainless Steel 18/0  | <a href="#">5-7/8" teaspoons - \$1.49/12</a><br><a href="#">8-3/8" dinner knife - \$3.22/12</a><br><a href="#">7" dinner fork - \$1.61/12</a> | Webstaurant, PA             |
|  | Duralex Tumbler                 | Tempered glass<br>Stackable<br>Dishwasher safe<br>Freezer safe<br>Microwavable<br>Lead free | <a href="#">11.625 oz - \$216.49/48</a><br><a href="#">19.75 oz - \$139.99/24</a>   | Webstaurant, PA             |
|  | World Tableware Cups            | White Porcelain<br>Dishwasher safe<br>Oven safe<br>Freezer safe<br>Microwavable             | <a href="#">7 oz - \$46.32/36</a>   | KaTom Restaurant Supply, TN |
|  | World Tableware Mugs            | White Porcelain<br>Dishwasher safe<br>Oven safe<br>Freezer safe<br>Microwavable             | <a href="#">12 oz - \$15.65/12</a>  | KaTom Restaurant Supply, TN |

## Reusable Baskets





|   | Product   | Material                              | Size/Cost   | Vendor      |
|---|---|---------------------------------------|---|-------------|
|    | American Metalcraft (Franklin Park, IL) fry baskets | Stainless Steel                       | <a href="#">4"x4"x3" - \$7.99</a><br><a href="#">5"x5"x3" - \$11.66</a>   | Webstaurant |
|    | American Metalcraft round wire baskets              | Stainless Steel                       | <a href="#">8" - \$7.67</a><br><a href="#">10" - \$10.37</a>  | Webstaurant |
|    | American Metalcraft square wire baskets             | Stainless Steel                       | <a href="#">6" - \$7.34</a><br><a href="#">8" - \$8.86</a><br><a href="#">10" - \$12.20</a>                               | Webstaurant |
|   | American Metalcraft oval wire baskets               | Stainless Steel                       | <a href="#">11"x8"x2-1/2" - \$16.52</a>   | Webstaurant |
|  | American Metalcraft rectangular wood basket         | Poplar Wood                           | <a href="#">2 colors - \$9.50</a>   | Webstaurant |
|  | Ochine Fruit Basket                                 | Wood chip                             | <a href="#">Small 7.87"x6.3" - \$5.99</a><br><a href="#">Large 9"x7" - \$7.99</a>   | Amazon      |
|  | EcoChoice Berry/Produce Baskets                     | Recycled Molded Pulp<br>No PFAS added | <a href="#">1 quart - \$28.99/250</a><br><a href="#">2 quart - \$42.99/200</a><br><a href="#">2.5 quart - \$45.99/200</a> | Webstaurant |

## Compostable Cups

|  | Product | Material | Size/Cost | Vendor |
|--|---------|----------|-----------|--------|
|--|---------|----------|-----------|--------|

|   |                                      |   |   |                             |
|---|--------------------------------------|---|---|-----------------------------|
|    | Fabri-Kal<br>Clear Cold cups         | PLA resin   | <a href="#">9 oz - \$119.99/1000</a><br><a href="#">12 oz- \$129.99/1000</a><br><a href="#">16 oz - \$144.99/1000</a> | Webstaurant                 |
|    | Fabri-Kal<br>Sip Lids                | PLA resin   | <a href="#">16-24 oz - \$14.49/100</a>  | Webstaurant                 |
|    | New Roots<br>Double Wall Hot<br>Cups | Paper with PLA lining   | <a href="#">12 oz - \$76.49/500</a><br><a href="#">16 oz - \$88.49/500</a>  | Webstaurant                 |
|    | EcoChoice<br>Double Wall Hot<br>Cup  | Paper with PLA<br>coating   | <a href="#">12 oz - \$72.49/500</a><br><a href="#">16 oz - \$82.49/500</a>  | Webstaurant                 |
|   | Eco Raj<br>Cold Cup (single<br>wall) | Paper with PLA corn-<br>based lining                                | <a href="#">12 oz - \$114.99/1000</a>   | Costco                      |
|  | Ecotainer Large<br>Cup               | Paper lined with PLA<br>No added PFAS<br>BPI, CMA, SFI<br>certified | <a href="#">32 oz - \$132.35/500</a>  | Green Paper<br>Products, OH |

## Compostable Plates and Bowls

|  | Product                     | Material   | Size/Cost  | Vendor                   |
|--|-----------------------------|--|--|--------------------------|
|   | Green Paper Products plates | Sugarcane bagasse<br>No added PFAS                           | <a href="#">9" - \$109.99/500</a>  | Green Paper Products, OH |
|   | Green Paper Products plates | Sugarcane & bamboo<br>No added PFAS                          | <a href="#">6" - \$96.68/1000</a><br><a href="#">7" - \$102.21/1000</a><br><a href="#">9" - \$105.75/500</a><br><a href="#">10" - \$122.35/500</a> | Green Paper Products, OH |
|   | Vegware bowls               | Reclaimed sugarcane fibers<br>No added PFAS                  | <a href="#">12 oz - \$86.60/500</a>  | Green Paper Products, OH |
|  | Tellus bowls                | Upcycled sugarcane fibers<br>Microwave safe<br>No added PFAS | <a href="#">24 oz - \$51.51/300</a><br><a href="#">32 oz - \$61.28/300</a>   | Green Paper Products, OH |

Notes:





1. Plates made from recycled paper, such as Chinet Classic paper plates, contain PFAS.
2. Plates made from sugarcane bagasse often contain PFAS.
3. Molded fibers often contain PFAS.
4. Look for those labelled as No Added PFAS or PFAS free.

## Clamshells and Take Out Containers

|   | Product  | Material                                 | Size/Cost   | Vendor                        |
|---|--|--|---|-------------------------------|
|    | Ingeo Clamshell<br>For Cold Foods                      | PLA<br>Compost in 90-120 days            | <a href="#">6"x6" - \$90/240</a><br><a href="#">8"x8" - \$72.50/160</a><br><a href="#">9"x9" - \$93.75/160</a><br><a href="#">9"x5" - \$85/250</a>  | Green Safe Products, Michigan |
|    | Rectangular Deli Containers with Lid<br>For Cold Foods | PLA                                      | <a href="#">8 oz-16 oz - \$112.62-\$122.77/300</a><br><a href="#">24 oz-64 oz rectangular \$116.48-\$192.82/200</a>   | Eco Products expensive        |
|    | Round Portion Cups & Lids                              | PLA                                      | <a href="#">2 oz \$9.38/100;</a><br><a href="#">\$139.09/2000</a><br><a href="#">4 oz - \$13.54/100;</a><br><a href="#">\$199.69/2000</a><br><a href="#">Lids for 2-4 oz \$8.19/100;</a><br><a href="#">\$121.48/2000</a> | Eco Products expensive        |
|  | Ingeo Bowls with Lids                                  | PLA<br>Compost in 90-120 days            | <a href="#">16 oz - \$56.25/450</a><br><a href="#">24 oz - \$80/300</a><br><a href="#">32 oz - \$95/300</a>   | Green Safe Products, Michigan |
|  | OneBox to-go boxes                                     | Paperboard<br>100% Recycled<br>PFAS free | <a href="#">5" x 4.5" x 2.5" (495 ct)</a><br><a href="#">8.5" x 6.25" x 1.9" (200 ct)</a><br><a href="#">8.5" x 6.25" x 2.5" (160 ct)</a><br><a href="#">6.75" x 5.5" x 2.5" (240 ct)</a>                                 | Earthchoice Lake Forest IL    |
|  | PrimeWare Food Containers                              | PLA lined paperboard<br><br>Lids - cPLA  | <a href="#">12 oz (500 ct)</a><br><a href="#">16 oz (500 ct)</a><br><a href="#">32 oz (500 ct)</a><br><br><a href="#">Lids 10-20 oz (1000 ct)</a>   | PrimeWare                     |
|  | World Centric NoTree bowls and lids                    | Bamboo fiber<br>No added PFAS            | <a href="#">12 oz - \$53.39/50 sets</a><br><a href="#">16 oz - \$61.99/50 sets</a>  | Green Paper Products, OH      |





# Compostable Utensils

Ask before providing

|   | Product   | Material   | Size/Cost  | Vendor       |
|---|---|--|--|--------------|
|    | Ecovita Spoons  | Corn-based<br>No BPA, chlorine or toxic chemicals      | <a href="#">Large 6.3" - \$68.55/500</a>   | Amazon       |
|    | GreenWorks cutlery set of forks, knives and spoons          | cPLA<br>BPA free                                       | <a href="#">7" 100 each - \$27.92</a>  | Amazon       |
|    | BioClean Heavy duty Cutlery set of forks, knives and spoons | Corn-based cPLA<br>No BPA, chlorine or toxic chemicals | <a href="#">6.1"-7" 120 each - \$36.99</a>   | Amazon       |
|  | Leafware Forks, Knives, and Spoons                          | Birchwood<br>No chemicals                              | <a href="#">6" forks - \$39.94/1000</a><br><a href="#">6" knives - \$34.53/1000</a><br><a href="#">6" spoons - \$47/1000</a> | Leafware, CA |



## Self Service Station

|   | Product   | Material   | Size/Cost   | Vendor      |
|---|---|--|---|-------------|
|    | Room Essentials<br>Salt and pepper set                                    | Glass<br>Stainless steel top                           | <a href="#">\$4/set</a>   | Target      |
|    | Ontube Sugar bowl<br>with lid and spoon                                   | Ceramic  | <a href="#">12 oz - \$12.99</a>                                   | Walmart     |
|    | Ketchup, mustard<br>or soy sauce<br>dispenser pump                        | 304 Stainless Steel<br>for bucket, pump and<br>bushing | <a href="#">4L - \$48</a>   | Ebay        |
|   | Cal-Mil Flatware<br>cylinder holder                                       | Perforated stainless<br>steel                          | <a href="#">5-1/2''h - \$12.49 each</a>                           | Webstaurant |
|  | Cal-Mil 3-cylinder<br>Flatware display                                    | Bamboo   | <a href="#">16'' x 5-1/2''w x 6''h -<br/>\$28.99</a>              | Webstaurant |
|  | Acopa Glass<br>Beverage<br>Dispenser with<br>Chalkboard Sign<br>and Stand | Glass  | <a href="#">2 Gallon - \$38.49 for 1;<br/>\$33.28 each for 4.</a> | Webstaurant |

**Note:**

Ketchup packets are constructed from multi-layer laminates which use both plastic and metallic foil. These can't easily be recycled, as the layers are difficult to separate, Caroline Krajewski, Kraft Heinz's head of corporate affairs, told Business Insider.

## Glossary

**BPA** - Bisphenol A is used to manufacture polycarbonate plastics and epoxy resins. Polycarbonate plastics are often used in containers that store food and beverages, such as water bottles. Epoxy resins are used to coat the inside of metal products, such as food cans, bottle tops. BPA can seep into food and beverages from the containers. Exposure to BPA can affect the brain and prostate gland of fetuses, infants and children., and children's behavior. There is also a possible link between BPA and increased blood pressure, type 2 diabetes and cardiovascular disease.

**BPI-Certified** or Cedar Grove Accepted compostable products. Note that BPI-certified products may contain fluoridated additives, PFAS.

**PLA** - polylactic acid

All products made out of the following materials consistently tested as non-fluorinated (No PFAS): bamboo, clay-coated paper or paperboard, clear PLA (polylactic acid), paper-lined with PLA, palm leaf, paper with unknown coatings, and uncoated paper.

**cPLA** - crystalized PLA

**PFAS** - per-and polyfluoroalkyl substances, man-made chemicals. PFAS is a class of 14,000 chemicals used to make products water, grease, stain and heat resistant. They are called “forever chemicals” because they do not break down. Single use food containers often contain PFAS (per-and polyfluoroalkyl substances), the “forever chemical” linked to endocrine disrupting and health problems, such as reduction in fertility, reduction in immunity, metabolic diseases, growth and learning ability of children, increase the risk of cancer. PFAS is found in paper food containers, even green and eco containers, as well as plastic containers.

According to the Environmental Working Group, although the original PFAS chemical used to make Teflon has been taken off the market, Teflon and other brands of nonstick cookware are still produced with new PFAS that may be no safer. PFAS chemicals are widely used to coat paper and cardboard **wrappers for fast food and bakery goods.**

**PFOA** - Perfluorooctanoic Acid, a common PFAS. Exposure to PFOA has been linked to kidney and testicular cancer, elevated cholesterol, decreased fertility, thyroid problems, and changes in hormone functioning in adults as well as adverse developmental effects and decreased immune response in children. Although PFOS and PFOA have been largely phased out in the U.S. due to concerns about their toxicity, they have often been replaced by less well known short-chain “chemical cousins” (that are structurally similar) which are also fluorinated. Some replacement compounds have frequently been found in breast milk.

**PFOS** - perfluorooctane sulfonic acid, a common PFAS

**Bagasse**, a sugarcane waste.

All molded fiber products such as wheat fiber (wheat straw or wheat stalk), “blend of plant fibers”, silver grass (miscanthus), and sugarcane waste (bagasse) including molded recycled paper and PLA-lined molded sugarcane (bagasse) are consistently tested as fluorinated.

## References

Responsible Purchasing – A Purchaser’s Guide to Safer Foodware  
[Center for Environmental Health](#)

Clean Production Action – Alternatives to PFAS-coated packaging  
[https://www.cleanproduction.org/images/ee\\_images/uploads/resources/Alternatives\\_Food\\_Packaging\\_PFAAS\\_Fact\\_Sheet\\_CPA\\_1-23-18\\_v2\\_FINAL\\_with\\_logos.pdf](https://www.cleanproduction.org/images/ee_images/uploads/resources/Alternatives_Food_Packaging_PFAAS_Fact_Sheet_CPA_1-23-18_v2_FINAL_with_logos.pdf)

Environmental Working Group – history of PFAS and current status  
<https://www.ewg.org/what-are-pfas-chemicals>

Life without Plastic – Is silicone safe?  
<https://lifewithoutplastic.com/silicone/#:~:text=Technically%20silicone%20could%20be%20considered,hard%20resins%20and%20spreadable%20fluids.>

Rethink Disposable – reusable foodware guide and cost benefit analysis  
<https://rethinkdisposable.org/businesses>

Bamboo cups has melamine and formaldehyde  
<https://www.test.de/Bambusbecher-im-Test-Die-meisten-setzen-hohe-Mengen-an-Schadstoffen-frei-5496265-0/>