

# 510ml / 16oz (90mm) Art Series Single Wall BioCup

Product: 510ml / 16oz (90mm) Art Series Single Wall BioCup

SKU: BC-16-ART SERIES

URL: <https://www.sipandpak.com.au/product/510ml-16oz-90mm-art-series-single-wall-biocup/>

## BioPak specification

|                        |                                                                                                                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit weight (g)        | 12.3                                                                                                                                                                                                                                                     |
| Packaging type         | Cup                                                                                                                                                                                                                                                      |
| Raw material           | Non-FSC Paper - Aqueous lining/coating                                                                                                                                                                                                                   |
| Lining                 | Aqueous                                                                                                                                                                                                                                                  |
| Home compostable       | Certified to AS5810 Australian standards, Certified to NF T51-800 European standards                                                                                                                                                                     |
| Industrial compostable | Certified to AS4736 Australian Standards, Certified to EN13432 European Standard                                                                                                                                                                         |
| Recyclable             | Not Recyclable                                                                                                                                                                                                                                           |
| Certifications         | Home compostable: Certified to AS5810 Australian standards, Certified to NF T51-800 European standards · Industrially compostable: Certified to AS4736 Australian Standards, Certified to EN13432 European Standard · Factory food safety certified: BRC |
| PFAS                   | Not applicable                                                                                                                                                                                                                                           |

## Impact estimate (500 units/week x 52 weeks)

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Annual units                           | 26,000                                                                                                                                                                                                                                                                                                                                                                                                             |
| Format benchmark                       | 16oz single-wall cup (conventional PE-lined benchmark)                                                                                                                                                                                                                                                                                                                                                             |
| Industry benchmark                     | 16oz single-wall cup (conventional PE-lined benchmark)                                                                                                                                                                                                                                                                                                                                                             |
| Sustainable unit mass (g)              | 12.3                                                                                                                                                                                                                                                                                                                                                                                                               |
| Conventional unit mass (g)             | 15.5                                                                                                                                                                                                                                                                                                                                                                                                               |
| Fossil polymer saved (kg/year)         | 31.20                                                                                                                                                                                                                                                                                                                                                                                                              |
| Mass saved (kg/year)                   | 83.20                                                                                                                                                                                                                                                                                                                                                                                                              |
| Polymer reduction (%)                  | 100.0                                                                                                                                                                                                                                                                                                                                                                                                              |
| Mass reduction (%)                     | 20.6                                                                                                                                                                                                                                                                                                                                                                                                               |
| Conventional packaging total (kg/year) | 403.00                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sustainable packaging total (kg/year)  | 319.80                                                                                                                                                                                                                                                                                                                                                                                                             |
| Confidence                             | High                                                                                                                                                                                                                                                                                                                                                                                                               |
| Data source                            | sku                                                                                                                                                                                                                                                                                                                                                                                                                |
| Sustainability highlights              | Non-FSC Paper - Aqueous lining/coating; Certified to AS5810 Australian standards, Certified to NF T51-800 European standards; Home compostable: Certified to AS5810 Australian standards, Certified to NF T51-800 European standards · Industrially compostable: Certified to AS4736 Australian Standards, Certified to EN13432 European Standard · Factory food safety certified: BRC; Recyclable: Not Recyclable |

## Methodology

Equivalent Format Comparison (EFC): BioPak specification unit mass vs industry conventional packaging mass for the matched format, plus fossil polymer estimate using typical PE/PS/PP fractions. SKU BC-16-ART SERIES weight from BioPak specifications. Indicative estimate only - not a certified life-cycle assessment (ISO 14040/14044). Compares BioPak published unit masses to conventional equivalent-format benchmarks used in Australian foodservice (PE-lined cups, PP clamshells, PS lids). For procurement reporting, request substantiated SKU documentation from Sip and Pak. Typically within  $\pm 15\%$  for fossil polymer estimate when a BioPak SKU and format benchmark both match.