

# 500-1,000ml RPET BioBoard Takeaway Lid

Product: 500-1,000ml RPET BioBoard Takeaway Lid

SKU: BB-LBL-RPET

URL: <https://www.sipandpak.com.au/product/500-1000ml-rpet-bioboard-takeaway-lid/>

## BioPak specification

|                        |                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------|
| Unit weight (g)        | 12.0                                                                                          |
| Packaging type         | Container                                                                                     |
| Raw material           | Plastic - PET (Polyethylene Terephthalate)                                                    |
| Lining                 | None                                                                                          |
| Home compostable       | No                                                                                            |
| Industrial compostable | No                                                                                            |
| Recyclable             | Recyclable                                                                                    |
| Certifications         | Environmental production certified: ISO 14001 · Factory food safety certified: BRC, ISO 22000 |
| PFAS                   | Not applicable                                                                                |

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

|                                        |                                                                                                                                                                       |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Annual units                           | 26,000                                                                                                                                                                |
| Format benchmark                       | Generic plastic cup lid (industry average)                                                                                                                            |
| Industry benchmark                     | Generic plastic cup lid (industry average)                                                                                                                            |
| Sustainable unit mass (g)              | 12.0                                                                                                                                                                  |
| Conventional unit mass (g)             | 3.5                                                                                                                                                                   |
| Fossil polymer saved (kg/year)         | 0.00                                                                                                                                                                  |
| Mass saved (kg/year)                   | -221.00                                                                                                                                                               |
| Polymer reduction (%)                  | 0.0                                                                                                                                                                   |
| Mass reduction (%)                     | -242.9                                                                                                                                                                |
| Conventional packaging total (kg/year) | 91.00                                                                                                                                                                 |
| Sustainable packaging total (kg/year)  | 312.00                                                                                                                                                                |
| Confidence                             | High                                                                                                                                                                  |
| Data source                            | sku                                                                                                                                                                   |
| Sustainability highlights              | Plastic - PET (Polyethylene Terephthalate); No; Environmental production certified: ISO 14001 · Factory food safety certified: BRC, ISO 22000; Recyclable: 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 BB-LBL-RPET 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.