

# 40 Pack - 6mm Mixed Cocktail BioStraws

Product: 40 Pack - 6mm Mixed Cocktail BioStraws

SKU: RT-JP-PBS-6X135-40-MIXED

URL: <https://www.sipandpak.com.au/product/40-pack-6mm-mixed-cocktail-biostraws/>

## BioPak specification

|                        |                                                                                                                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit weight (g)        | 0.8                                                                                                                                                                                                                      |
| Packaging type         | Cup                                                                                                                                                                                                                      |
| Raw material           | Paper - FSC(TM) Mix certified paper                                                                                                                                                                                      |
| Lining                 | None                                                                                                                                                                                                                     |
| Home compostable       | Certified to NF T51-800 European standards, Pending Certification to AS5810 Australian Standards                                                                                                                         |
| Industrial compostable | No                                                                                                                                                                                                                       |
| Recyclable             | Recyclable                                                                                                                                                                                                               |
| Certifications         | Home compostable: Certified to NF T51-800 European standards, Pending Certification to AS5810 Australian Standards · Environmental production certified: ISO 14001 · Factory food safety certified: BRC · FSC (material) |
| PFAS                   | Not applicable                                                                                                                                                                                                           |

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

|                                        |                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Annual units                           | 26,000                                                                                                                                                                                                                                                                                                                                                                                  |
| Format benchmark                       | Hot cup (category average)                                                                                                                                                                                                                                                                                                                                                              |
| Industry benchmark                     | Hot cup (category average)                                                                                                                                                                                                                                                                                                                                                              |
| Sustainable unit mass (g)              | 0.8                                                                                                                                                                                                                                                                                                                                                                                     |
| Conventional unit mass (g)             | 12.0                                                                                                                                                                                                                                                                                                                                                                                    |
| Fossil polymer saved (kg/year)         | 23.40                                                                                                                                                                                                                                                                                                                                                                                   |
| Mass saved (kg/year)                   | 291.20                                                                                                                                                                                                                                                                                                                                                                                  |
| Polymer reduction (%)                  | 100.0                                                                                                                                                                                                                                                                                                                                                                                   |
| Mass reduction (%)                     | 93.3                                                                                                                                                                                                                                                                                                                                                                                    |
| Conventional packaging total (kg/year) | 312.00                                                                                                                                                                                                                                                                                                                                                                                  |
| Sustainable packaging total (kg/year)  | 20.80                                                                                                                                                                                                                                                                                                                                                                                   |
| Confidence                             | High                                                                                                                                                                                                                                                                                                                                                                                    |
| Data source                            | sku                                                                                                                                                                                                                                                                                                                                                                                     |
| Sustainability highlights              | Paper - FSC(TM) Mix certified paper; Certified to NF T51-800 European standards, Pending Certification to AS5810 Australian Standards; Home compostable: Certified to NF T51-800 European standards, Pending Certification to AS5810 Australian Standards · Environmental production certified: ISO 14001 · Factory food safety certified: BRC · FSC (material); 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 RT-JP-PBS-6X135-40-MIXED 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.