

50L Bioplastic Bag

Product: 50L Bioplastic Bag

SKU: PSB-C-0014

URL: <https://www.sipandpak.com.au/product/50l-bioplastic-bag/>

BioPak specification

Unit weight (g)	773.6
Packaging type	Bag
Raw material	Bioplastic - PLA
Lining	None
Home compostable	Certified to AS5810 Australian standards
Industrial compostable	Certified to AS4736 Australian Standards
Recyclable	Recyclable
Certifications	Home compostable: Certified to AS5810 Australian standards · Industrially compostable: Certified to AS4736 Australian Standards · Environmental production certified: ISO 14001 · Factory food safety certified: BRC
PFAS	Not applicable

Impact estimate (500 units/week x 52 weeks)

Annual units	26,000
Format benchmark	Carry bag (generic industry average)
Industry benchmark	Carry bag (generic industry average)
Sustainable unit mass (g)	773.6
Conventional unit mass (g)	6.5
Fossil polymer saved (kg/year)	104.00
Mass saved (kg/year)	-19,944.08
Polymer reduction (%)	100.0
Mass reduction (%)	-11,801.2
Conventional packaging total (kg/year)	169.00
Sustainable packaging total (kg/year)	20,113.08
Confidence	High
Data source	sku
Sustainability highlights	Bioplastic - PLA; Certified to AS5810 Australian standards; Home compostable: Certified to AS5810 Australian standards · Industrially compostable: Certified to AS4736 Australian Standards · Environmental production certified: ISO 14001 · Factory food safety certified: BRC; 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 PSB-C-0014 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.