

## #4 SOS Kraft Paper Bag

Product: #4 SOS Kraft Paper Bag

SKU: BAG-SOS-4-B

URL: <https://www.sipandpak.com.au/product/4-sos-kraft-paper-bag/>

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### BioPak specification

|                        |                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------|
| Unit weight (g)        | 7.1                                                                                                 |
| Packaging type         | Bag                                                                                                 |
| Raw material           | Paper - FSC(TM) 100% certified paper                                                                |
| Lining                 | None                                                                                                |
| Home compostable       | No                                                                                                  |
| Industrial compostable | No                                                                                                  |
| Recyclable             | Recyclable                                                                                          |
| Certifications         | 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                       | Paper carry bag (industry average)                                                                                                                                    |
| Industry benchmark                     | Paper carry bag (industry average)                                                                                                                                    |
| Sustainable unit mass (g)              | 7.1                                                                                                                                                                   |
| Conventional unit mass (g)             | 8.0                                                                                                                                                                   |
| Fossil polymer saved (kg/year)         | 0.00                                                                                                                                                                  |
| Mass saved (kg/year)                   | 24.18                                                                                                                                                                 |
| Polymer reduction (%)                  | 0.0                                                                                                                                                                   |
| Mass reduction (%)                     | 11.6                                                                                                                                                                  |
| Conventional packaging total (kg/year) | 208.00                                                                                                                                                                |
| Sustainable packaging total (kg/year)  | 183.82                                                                                                                                                                |
| Confidence                             | High                                                                                                                                                                  |
| Data source                            | sku                                                                                                                                                                   |
| Sustainability highlights              | Paper - FSC(TM) 100% certified paper; No; 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 BAG-SOS-4-B 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.