

16cm Wood Knife

Product: 16cm Wood Knife

SKU: HY-16K

URL: <https://www.sipandpak.com.au/product/16cm-wood-knife/>

BioPak specification

Unit weight (g)	2.5
Packaging type	Cup
Raw material	Wood - FSC(TM) 100% Certified Birchwood
Lining	None
Home compostable	No
Industrial compostable	No
Recyclable	Not 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	Plastic cutlery (industry average)
Industry benchmark	Plastic cutlery (industry average)
Sustainable unit mass (g)	2.5
Conventional unit mass (g)	4.5
Fossil polymer saved (kg/year)	117.00
Mass saved (kg/year)	52.00
Polymer reduction (%)	100.0
Mass reduction (%)	44.4
Conventional packaging total (kg/year)	117.00
Sustainable packaging total (kg/year)	65.00
Confidence	High
Data source	sku
Sustainability highlights	Wood - FSC(TM) 100% Certified Birchwood; No; Environmental production certified: ISO 14001 · Factory food safety certified: BRC · FSC (material); 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 HY-16K 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.