

COMPOSTABLE

KRAFT / TRIPLEX



Our Compostable Kraft/Triplex structure represents the pinnacle of sustainable packaging technology. Utilizing a unique blend of FSC-certified paper, high-barrier metallized cellulose, and bio-polymers, this material offers shelf-stability comparable to traditional plastics while being fully certified for industrial and home composting environments. It breaks down into non-toxic biomass, water, and CO₂, leaving zero microplastics behind.

MATERIAL STRUCTURE

Paper	FSC Certified Kraft
Metallized	High Barrier NKME
Sealant	Bio-Polymer

CERTIFICATIONS

BPI

TUV Home

TUV Industrial

TECHNICAL PERFORMANCE

Thickness	120 - 150 microns
WVTR	< 2.0 g/m ² /day
OTR	< 1.0 cc/m ² /day
Seal Strength	> 30 N/15mm

KEY FEATURES

Moisture Barrier

Oxygen Barrier

Heat Sealable

Printable

COMMON QUESTIONS (FAQ)

Q: What is the shelf life?

A: +12 months under standard storage conditions relative to the product.

Q: Is a valve available?

A: Yes, certified compostable degassing valves can be applied.

Q: How should it be disposed?

A: Ideally in an industrial composting facility, but TUV Home certification allows for home compost piles.