

# 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 <sup>2</sup> /day
OTR	< 1.0 cc/m <sup>2</sup> /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: 6-12 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.