

TECHNICAL DATA SHEET

Kraft Paper Sushi Tray(PE-Coated) with Clear PET Lids Series

Company Name: Xiamen Bioleader Environmental Protection Technology Co., Ltd.	Document No.: TDS-PE-SUSHI-2026.1	Version: 2026.1
Product Category: PE-Coated Kraft Paper Sushi Boxes with Clear PET Lids	Country of Origin: China	Website: www.bioleaderpack.com

1. MATERIAL DATA

Property	Specification
Product Type	Disposable rectangular kraft paper sushi tray with a matching clear PET dome lid
Composite Structure	Tray: food-grade kraft paperboard with single PE coating; lid: separate clear PET thermoformed component
Paper Type	300 gsm or 320 gsm kraft paperboard depending on selected size; white paperboard available for custom orders
Lid Material	Clear PET dome lid matched to the approved tray size and rim profile
PE Coating	Standard single 18 gsm PE coating; exact coating weight and side follow the approved specification
Exterior Finish	Natural kraft brown; white paperboard, logo printing and private-label decoration available
Manufacturing Process	Paper coating, printing, die-cutting, tray forming, rim shaping, PET lid thermoforming, fit inspection and packing
Barrier / Closure Performance	Designed for normal chilled / ambient takeaway use; PE layer supports oil and moisture resistance; lid is not a hermetic seal
Recommended Service	Primarily chilled and ambient foodservice; warm-food use requires exact SKU, food and holding-time validation
Food Applications	Sushi, sashimi, rolls, nigiri, snacks, deli food, bento portions, cold meals, catering and supermarket display
Microwave / Oven	Not suitable for microwave ovens, conventional ovens, direct flame or heating elements
Freezer Use	Not recommended for the standard single-PE version; selected double-PE configurations require separate validation
Compostability	Standard PE-coated paper tray and PET lid are not compostable
Food Contact Compliance	Subject to the exact material, SKU, lid and destination-market test documentation

2. PRINTING & DECORATION SPECIFICATION

Property	Specification
Printing Method	Flexographic printing or other approved process, subject to artwork and order confirmation
Ink Type	Water-based / food-packaging-compliant ink for exterior printing
Printing Position	Outside tray surface only
Printing Colors	Up to 6 colors, subject to artwork confirmation
Color Standard	Pantone reference or CMYK process printing
Printable Area	Side-wall / exterior panel printing; final layout depends on tray size and forming structure
Limitation	Printed surface is not intended for direct food contact unless separately validated

3. PRODUCT DIMENSIONS & PACKING DATA

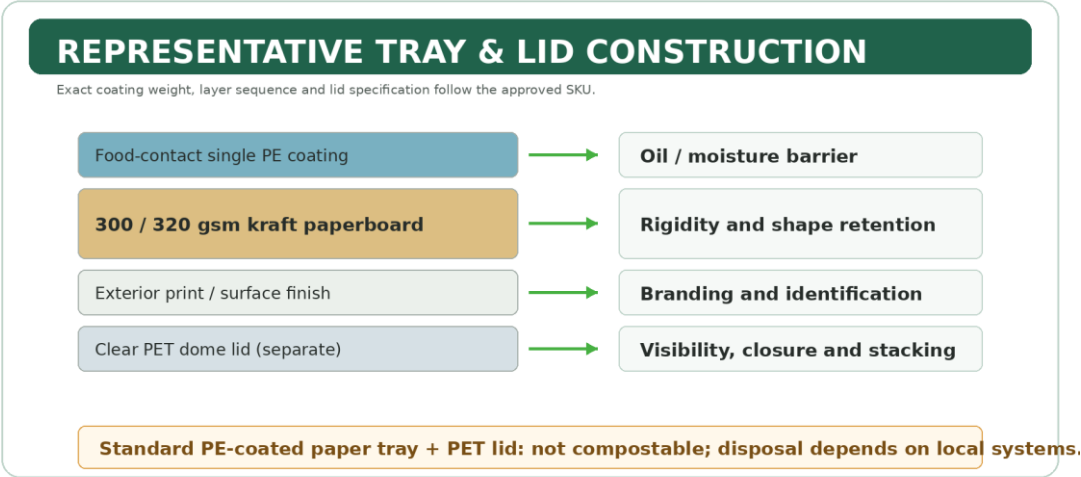
Nominal dimensions are expressed as Length × Width × Height. Final dimensions, tolerances, tray packing and compatible lid specifications shall follow the approved order specification.

ITEM	Product Name	Material	Product Size (cm)	Pcs/CTN	Carton Size (cm)	Cube/CTN
Kraft Paper Sushi Box Series — 300 / 320 gsm Paperboard + Single PE Coating						
PE-S0#	Sushi Box 0#	300 gsm kraft + single PE	14×8×2.5	800	58×27×34	0.053
PE-S1#	Sushi Box 1#	300 gsm kraft + single PE	16×9×2.5	800	66×26×38	0.065
PE-S2#	Sushi Box 2#	320 gsm kraft + single PE	22×9×2.5	600	68×26×38	0.067
PE-S3#	Sushi Box 3#	300 gsm kraft + single PE	16.5×11.5×2.5	600	68×26×36	0.064
PE-S5#	Sushi Box 5#	320 gsm kraft + single PE	18.5×13×2.5	600	57×26×53	0.079
PE-S7#	Sushi Box 7#	320 gsm kraft + single PE	22×13.7×2.5	400	57×26×46	0.068
PE-S9#	Sushi Box 9#	320 gsm kraft + single PE	24×15×2.5	400	63×26×50	0.082
PE-S11#	Sushi Box 11#	320 gsm kraft + single PE	25.5×18.2×2.5	200	53×26×38	0.052

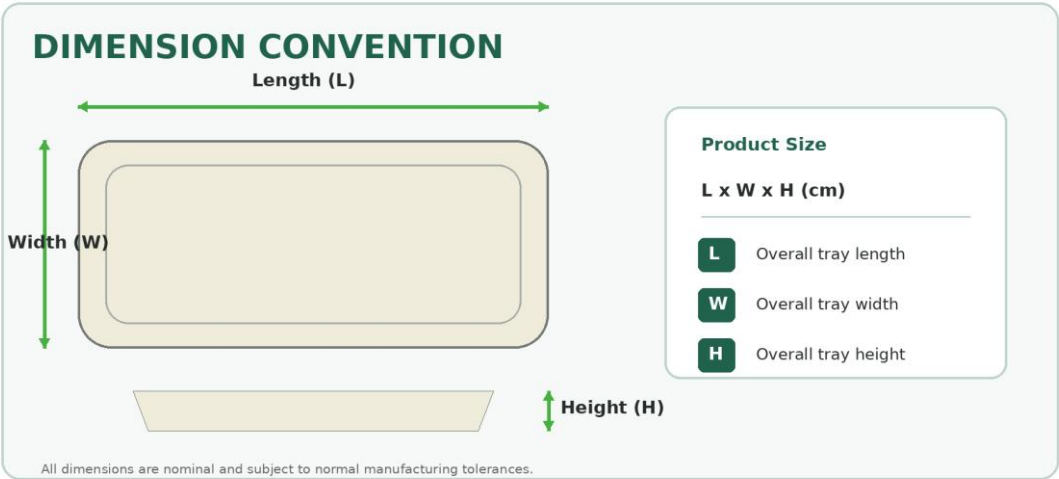
3.1 Matching Clear PET Lid Reference

Tray Item	Compatible Lid Option	Pcs/CTN	Typical Carton (cm)
PE-S1#	Clear PET dome lid · 8 g	800	40×36.5×45.5
PE-S2#	Clear PET dome lid · 9.5 g	600	48.5×46.5×31.5
PE-S3#	Clear PET dome lid · 9.5 g	600	39×35×38.5
PE-S5#	Clear PET dome lid · 11.5 g	600	40.5×35.5×42
PE-S7#	Clear PET dome lid · 15 g	400	47×39×30
PE-S9#	Clear PET dome lid · 17 g	400	51.5×35×38
PE-S11#	Clear PET dome lid · 22.5 g	200	38.5×27.5×39.5

3.2 Technical Diagrams



Representative construction. Exact coating and lid specifications are confirmed by the approved SKU.



4. PERFORMANCE & INTENDED APPLICATIONS

Performance Area	Technical Description
Product Visibility	Clear PET dome lid supports food visibility for retail display, grab-and-go counters and takeaway presentation.
Oil / Moisture Resistance	Single PE coating supports resistance to food moisture, sauces and oil during normal chilled / ambient service.
Structural Rigidity	Formed kraft paperboard tray supports shape retention and stacking within the approved load and handling conditions.
Lid Fit	Correct tray-and-lid matching supports closure, display stability and short-distance transport; not a hermetic seal.
Typical Holding Use	Designed for normal sushi, deli and cold-meal service cycles; extended holding requires validation with the actual food and lid system.

4.1 Application Guidance

Use Category	Guidance
Recommended	Sushi, sashimi, rolls, nigiri, snacks, deli items, bento portions and chilled supermarket display.
Conditional	Ambient or mildly warm foods and short-term refrigerated holding, subject to exact SKU, food type and transport validation.
Not Recommended	Microwave reheating, oven heating, direct flame, pressure sealing, hot-fill use without validation or prolonged high-temperature cooking.

5. PRODUCT IMAGES

Representative images are shown below. Product appearance, lid style, exterior color and custom printing may vary by SKU and approved order specification.



Representative kraft sushi tray range with clear PET dome lids.



Applications: sushi, sashimi, rolls, snacks and chilled takeaway meals.



Thick kraft paper structure and smooth rolled rim.



Oil / water resistance and secure PET snap-fit lid details.

6. COMPLIANCE & CERTIFICATES

Category	Details
Food Contact	Relevant declarations and test reports can be provided for the selected kraft paperboard, PE coating, PET lid and destination market, including applicable FDA, EU or LFGB requirements.
Chemical Safety	PFAS / PFOA / PFOS statements or test reports are available subject to selected raw materials and current valid documentation.
Quality System	ISO 9001, FSC, SGS or related documentation may be provided when current and applicable.
Migration Testing	Overall / specific migration testing is arranged where required for the exact coated paper tray, PET lid and target market.
Compostability Claims	EN 13432, ASTM D6400, BPI and OK Compost claims do not apply to the standard PE-coated tray and PET lid system.

Certificates and Test Reports Download: <https://www.bioleaderpack.com/certificate/>

Compliance Note: The website certificate library does not replace product-specific validation. Request the current report set for the exact paperboard, PE coating, printing ink, PET lid and destination market before making regulatory claims.

5. PRODUCT IMAGES — SIZE REFERENCES

14 x 8 x 2.5 cm

14 x 8 x 2.5 cm

14 x 8 x 2.5 cm

Product	PE-S0# Sushi Box 0# (Kraft)
Size	14 x 8 x 2.5 cm
Material	300gsm Kraft Paper + Single PE
Lid	PET Lid for Sushi Box 0# (PET, 60)
Features	Food Grade; Leak Resistant; Takeaway Packaging
Applications	Sushi; Snacks; Cold Meals; Takeaway

16 x 9 x 2.5 cm

16 x 9 x 2.5 cm

16 x 9 x 2.5 cm

Product	PE-S1# Sushi Box 1# (Kraft)
Size	16 x 9 x 2.5 cm
Material	300gsm Kraft Paper + Single PE
Lid	Matching PET Lid Available
Packing	50 pcs/bag; 800 pcs/ctn
Features	Food Grade; Leak Resistant; Takeaway Packaging
Applications	Sushi; Snacks; Cold Meals; Takeaway

22 x 9 x 2.5 cm

22 x 9 x 2.5 cm

22 x 9 x 2.5 cm

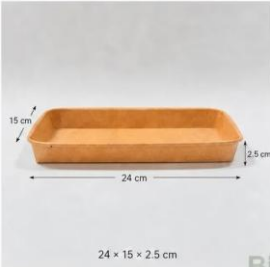
Product	PE-S2# Sushi Box 2# (Kraft)
Size	22 x 9 x 2.5 cm
Material	320gsm Kraft Paper + Single PE
Lid	Matching PET Lid Available
Packing	50 pcs/bag; 600 pcs/ctn
Features	Food Grade; Leak Resistant; Takeaway Packaging
Applications	Sushi; Snacks; Cold Meals; Takeaway

16.5 x 11.5 x 2.5 cm

16.5 x 11.5 x 2.5 cm

16.5 x 11.5 x 2.5 cm

Product	PE-S3# Sushi Box 3# (Kraft)
Size	16.5 x 11.5 x 2.5 cm
Material	300gsm Kraft Paper + Single PE
Lid	Matching PET Lid Available
Packing	50 pcs/bag; 600 pcs/ctn
Features	Food Grade; Leak Resistant; Takeaway Packaging
Applications	Sushi; Snacks; Cold Meals; Takeaway

   <table border="1"> <tr><td>Product:</td><td>PE-S5# Sushi Box 5# (Kraft)</td></tr> <tr><td>Size:</td><td>18.5 x 13 x 2.5 cm</td></tr> <tr><td>Material:</td><td>320gsm Kraft Paper + Single PE</td></tr> <tr><td>Lid:</td><td>Matching PET Lid Available</td></tr> <tr><td>Packing:</td><td>50 pcs/bag; 600 pcs/ctn</td></tr> <tr><td>Features:</td><td>Food Grade; Leak Resistant; Takeaway Packaging</td></tr> <tr><td>Applications:</td><td>Sushi; Snacks; Cold Meals; Takeaway</td></tr> </table> PE-S5# · 18.5 × 13 × 2.5 cm	Product:	PE-S5# Sushi Box 5# (Kraft)	Size:	18.5 x 13 x 2.5 cm	Material:	320gsm Kraft Paper + Single PE	Lid:	Matching PET Lid Available	Packing:	50 pcs/bag; 600 pcs/ctn	Features:	Food Grade; Leak Resistant; Takeaway Packaging	Applications:	Sushi; Snacks; Cold Meals; Takeaway	   <table border="1"> <tr><td>Product:</td><td>PE-S7# Sushi Box 7# (Kraft)</td></tr> <tr><td>Size:</td><td>22 x 13.7 x 2.5 cm</td></tr> <tr><td>Material:</td><td>320gsm Kraft Paper + Single PE</td></tr> <tr><td>Lid:</td><td>PET Lid for Sushi Box 7# (PET, 15g)</td></tr> <tr><td>Features:</td><td>Food Grade; Leak Resistant; Takeaway Packaging</td></tr> <tr><td>Applications:</td><td>Sushi; Snacks; Cold Meals; Takeaway</td></tr> </table> PE-S7# · 22 × 13.7 × 2.5 cm	Product:	PE-S7# Sushi Box 7# (Kraft)	Size:	22 x 13.7 x 2.5 cm	Material:	320gsm Kraft Paper + Single PE	Lid:	PET Lid for Sushi Box 7# (PET, 15g)	Features:	Food Grade; Leak Resistant; Takeaway Packaging	Applications:	Sushi; Snacks; Cold Meals; Takeaway
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7. QUALITY CONTROL

Control Point	Inspection Scope
Incoming Materials	Kraft paperboard, PE coating resin / coated stock, PET lid material, printing ink and supporting documentation are checked against approved specifications.
In-Process Inspection	Printing registration, coating integrity, die-cut dimensions, tray forming, rim profile and PET lid thermoforming.
Finished Appearance	Cleanliness, odor, deformation, contamination, delamination, visible defects, clarity and print quality.
Dimensional Check	Length, width, height, rim profile and lid geometry against approved tolerance.
Barrier / Integrity Check	Water / oil resistance and tray seam / corner integrity under the approved internal QC procedure.
Lid Fit Check	Correct engagement, closure consistency, stacking and representative handling evaluation.
Packing Check	Quantity, inner bags, carton condition, labels, batch traceability and shipping marks.

8. STORAGE, HANDLING & LIMITATIONS

Item	Details
Storage	Store in a clean, cool, dry and ventilated warehouse. Keep away from direct sunlight, heat, strong odors, chemicals and high humidity.
Transport	Avoid prolonged high-temperature transport, water exposure and excessive compression.
Stacking	Keep cartons upright and within approved stacking limits to prevent tray deformation and PET lid crushing.
Shelf Life	36 months under proper storage conditions, subject to packaging integrity and local warehouse conditions.
Stock Rotation	Use first-in, first-out (FIFO) and inspect cartons before use.

8.1 Use Limitations

- Do not use in microwave ovens, conventional ovens, direct flame, induction heating or in contact with heating elements.
- Do not use as a hermetically sealed or pressure-resistant package.
- Keep the clear PET lid away from hot-fill conditions unless separately validated.
- Do not overfill; maintain adequate headspace before applying the lid.
- Performance varies with food temperature, oil content, holding time, lid fit, transport vibration and stacking load.
- The customer shall validate the finished tray-and-lid system under actual filling, delivery, storage and end-use conditions.

Critical Limitation: The standard product contains a PE polymer coating and a PET lid. It must not be described as plastic-free, biodegradable or compostable.

9. MANUFACTURER

Field	Details
Manufacturer	Xiamen Bioleader Environmental Protection Technology Co., Ltd.
Brand	Bioleader® (OEM / private-label customization available)
Country of Origin	China
Website	www.bioleaderpack.com
Email	info@bioleaderpack.com
Address	No. 39 Xinglong Road, Xiamen, Fujian, China
Product Reference	https://www.bioleaderpack.com/product/disposable-kraft-paper-sushi-tray-with-clear-plastic-lid-for-takeaway-food-packaging/

9.1 Packing & Traceability

Packing Item	Requirement
Primary Packing	Inner PE bag or other approved food-packaging bag, according to the confirmed tray / lid packing specification.
Outer Carton	Export corrugated carton suitable for normal container transport and warehouse stacking.
Label Information	Item code, product description, quantity, batch / lot number and production date as applicable.
Custom Shipping Marks	Available subject to customer artwork, order confirmation and production feasibility.
Traceability	Production batch and raw-material lot records are maintained under the manufacturer quality system.

10. DOCUMENT CONTROL & DISCLAIMER

Version	Issue Date	Revision Description	Owner
2026.1	1st Jan 2026	Initial issue for PE-coated kraft paper sushi box and clear PET lid series	Technical & Quality Department

The information in this document represents typical product data at the issue date and is provided for technical reference. It does not constitute a guarantee for every application. The approved sample, signed specification, purchase order and current compliance reports take precedence. Bioleader® reserves the right to update materials, dimensions, packing or processes subject to contractual agreement.