

TECHNICAL DATA SHEET

32oz PLA Compostable Clear Bowl Containers with Lids

Company Name: Xiamen Bioleader Environmental Protection Technology Co., Ltd.	Document No.: TDS-PLA-32OZ-2026.1	Version: 2026.1
Product Category: PLA Compostable Clear Bowl Containers - 32oz Series	Country of Origin: China	Website: www.cupschina.com

1. MATERIAL DATA

Property	Specification
Product Type	Disposable 32oz / 1050ml PLA clear salad bowl container series with two 117mm rim profiles and matching flat or dome lids
Material	PLA (polylactic acid), a bio-based clear plastic used for industrially compostable cold-food and cold-cup applications
Appearance	Transparent / clear finish for salad, fruit, dessert, yogurt and cold-food visibility and custom brand printing
Nominal Capacity	32oz / 1050ml for both Rim A and Rim B models
Nominal Weight	Reference container weight shall follow the approved order specification and signed sample for the selected SKU
Cup Dimensions	117mm Rim A: 117 x 88 x 145 mm; 117mm Rim B: 117 x 73 x 160 mm
Rim Compatibility	117 mm rim. Matching flat lid (double hole or no hole) and dome lid options are available
Manufacturing Process	PLA resin preparation, sheet extrusion, thermoforming, trimming, rim finishing, inspection and packing
Recommended Use	Salads, fruit bowls, yogurt, parfaits, desserts, smoothie bowls, cold snacks, deli foods and selected large cold beverages
Temperature Limitation	Cold use only. Not suitable for hot filling, hot food, hot drinks, microwave heating, ovens or high-temperature storage
Compostability	Industrially compostable when the confirmed finished product is covered by valid certification and accepted by a suitable facility
Food Contact Compliance	Supporting documentation may include FDA 21 CFR, DIN EN 13432, ASTM D6400, BPI and SGS test reports for the confirmed SKU
Export Packaging	Reference packing: 500 pcs/carton; reference carton size 61 x 25 x 54 cm. Final sleeve and carton configuration follows the approved order specification.

2. PRINTING & DECORATION SPECIFICATION

Property	Specification
Printing Method	Dry-offset or other approved container-printing process, subject to artwork and factory confirmation
Ink Type	Food-packaging-compliant ink suitable for exterior PLA container printing
Printing Position	Outside container side wall only
Printing Colors	Single-color logo printing and multi-color body printing available; final color count depends on artwork and production feasibility
Color Standard	Pantone reference or CMYK process printing, subject to approved proof
Printable Area	Container side wall; final print area depends on taper, rim clearance and artwork coverage
Limitation	Printed surface is not intended for direct food contact unless separately validated

3. PRODUCT DIMENSIONS & PACKING DATA

Nominal dimensions are expressed as Top Diameter x Bottom Diameter x Height. Final tolerances, container weight, lid fit, packing and certification scope shall follow the approved order specification.

ITEM	Product Name	Material	Product Size (T x B x H)	Weight	Pcs/CTN	Rim Size	Compatible Lids
32oz PLA Compostable Clear Bowl Container Series - Cold Use Only							
PLA-32-117A	32oz / 1050ml Rim A Bowl	PLA	117 x 88 x 145 mm	Per spec.	500	117 mm	Flat Double Hole / Flat No Hole / Dome
PLA-32-117B	32oz / 1050ml Rim B Bowl	PLA	117 x 73 x 160 mm	Per spec.	500	117 mm	Flat Double Hole / Flat No Hole / Dome

Ordering and Lid-Matching Note: Both 32oz models use a 117mm rim, but functional fit must be validated with the exact approved lid and container batch. Lids are ordered separately unless stated otherwise.

3.1 Matching Lid Reference

Container Format	Compatible Rim	Available Lid Options	Recommended Application
117mm Rim A - wide-base bowl	117 mm	Flat Lid (Double Hole) / Flat Lid (No Hole) / Dome Lid	Salads, fruit bowls, yogurt, parfaits, desserts, cold snacks and grab-and-go food
117mm Rim B - taller bowl cup	117 mm	Flat Lid (Double Hole) / Flat Lid (No Hole) / Dome Lid	Large smoothies, fruit bowls, cold meals, salads, desserts and branded cold-food packaging

3.2 Technical Diagrams



Representative PLA container construction. Exact resin grade, wall thickness and printing system are confirmed in the approved SKU specification.



Size overview of the 32oz / 1050ml PLA series: 117mm Rim A and 117mm Rim B with flat-lid and dome-lid options.

4. PERFORMANCE & APPLICATION DATA

Property	Specification
Temperature Range	Recommended for cold food and cold beverages. Avoid elevated temperatures during storage, transport and use.
Typical Applications	Salads, fruit bowls, yogurt, parfaits, desserts, smoothie bowls, cold snacks, deli foods, cold meals and selected large cold beverages.
Lid Fit Reference	All versions use a 117mm rim. Functional closure, venting and stacking shall be validated with the actual container and lid batch before commercial use.
Print Suitability	Exterior logo and multi-color printing available for branding and private-label programs, subject to artwork confirmation and production validation.
Stacking / Packing	Supplied in nested stacks and sealed sleeves; export packaging may use insulated protection for heat-sensitive PLA shipments.
End-of-Life Note	Industrial compostability claims apply only where the confirmed finished product is certified and local collection and processing facilities accept it.
Export Sensitivity	PLA is more heat-sensitive than PET; insulated packaging and temperature-aware logistics are recommended for hot routes and seasons.

4.1 Application Guidance

Use Category	Guidance
Recommended	Cold salads, fruit cups, yogurt, parfaits, desserts, smoothie bowls, cold snacks, chilled deli foods and takeaway cold service.
Conditional	Selected large cold beverage and refrigerated meal applications, subject to fill level, lid type, transport protection and validation.
Not Recommended	Hot food, hot beverages, hot filling, microwave heating, oven use, direct flame, pressure sealing or prolonged high-temperature storage.

5. PRODUCT IMAGES

Representative product images are shown below. Actual clarity, lid geometry, printing, packing and application appearance may vary by approved SKU and order specification.



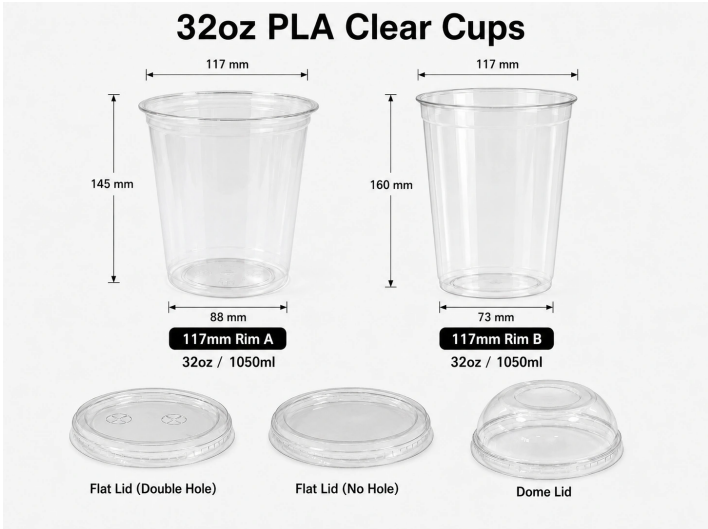
32oz PLA bowl-container lineup: 117mm Rim A and Rim B profiles.



Representative flat-lid and dome-lid configurations for 117mm containers.



Cold-food applications: iced drinks, fruit, yogurt, parfaits and desserts.



Dimensional reference for both 32oz / 1050ml models and three lid types.

6. COMPLIANCE & CERTIFICATES

Applicable product scope for this section: **Clear PLA Compostable Cup and Bowl Container Series.**

Certificate / Document	Coverage / Description
BPI	Industrial compostability certification reference for clear PLA cup and bowl-container products.
DIN EN 13432	EU industrial compostability standard reference for clear PLA products.
ASTM D6400	US industrial compostability standard reference for clear PLA products.
FDA 21 CFR / SGS	Food-contact compliance and supporting third-party test-report reference.
Declaration of Conformity	Formal product compliance declaration for the confirmed product scope and order.

Certificates and Test Reports: <https://www.biodeadpack.com/certificate/> Product Reference: <https://www.cupschina.com/pla-cups/>

Compliance note: certificate validity, declaration scope, printing ink compatibility and destination-market acceptance must be confirmed against the exact approved SKU and matching lid.

5. PRODUCT IMAGES - CONTINUED



Representative custom logo printing for 32oz PLA bowl containers.



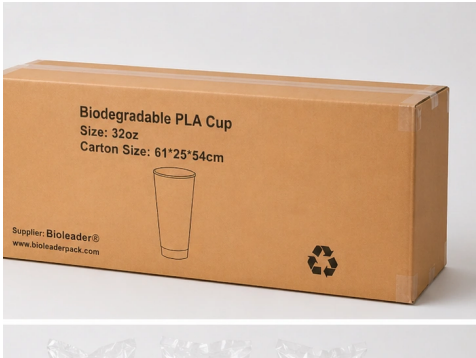
Representative multi-color printing for private-label salad and cold-food packaging.



1. Representative sealed sleeve packing for 32oz PLA containers.



2. Insulated inner-carton protection for long-distance PLA export shipping.



3. Reference carton: 61 x 25 x 54 cm; 500 pcs/carton, subject to approved packing.

7. QUALITY CONTROL

Control Point	Inspection Scope
Incoming Materials	PLA resin / sheet, printing ink, lid material and supporting documentation are checked against approved specifications.
Sheet & Forming Control	Sheet thickness, heating profile, thermoforming stability, trimming and 117mm rim geometry are monitored.
Finished Appearance	Clarity, contamination, scratches, deformation, odor, print registration and visible defects are inspected.
Dimensional Check	Top diameter, bottom diameter, height, capacity, weight and rim profile are checked for Rim A and Rim B models.
Lid Fit Check	Closure engagement, vent/opening function, stacking and representative handling are evaluated with the confirmed lid.
Cold-Use Check	Representative cold-food and cold-beverage performance is evaluated under the approved internal QC procedure.
Packing Check	Sleeve quantity, carton count, insulated protection, labels, batch traceability and shipping marks are checked.

8. STORAGE, HANDLING & LIMITATIONS

Item	Details
Storage	Store in a clean, cool, dry and ventilated warehouse. Keep away from direct sunlight, heat, strong odors and high humidity.
Transport	Avoid prolonged high-temperature transport. Use insulated carton or container protection where required by route and season.
Stacking	Keep cartons upright and within approved stacking limits to prevent container and rim deformation.
Shelf Life	Follow the current approved order specification. Use first-in, first-out stock rotation and inspect product condition before use.
Stock Rotation	Record batch / lot information and avoid extended storage in warm warehouse conditions.

8.1 Use Limitations

- Cold use only. Do not use for hot food, hot beverages, hot filling, microwave heating, ovens, direct flame or heating elements.
- Do not store or transport under prolonged high-temperature conditions without suitable thermal protection.
- Do not use as a hermetically sealed or pressure-resistant package.
- Maintain adequate headspace and validate the selected 117mm lid with the actual container batch.
- Compostability depends on the exact certified product, local collection system and availability of an accepting industrial composting facility.
- The customer shall validate printing, filling, refrigeration, storage, delivery and end-use performance under actual operating conditions.

Critical Limitation: PLA clear containers are designed for cold use and are temperature-sensitive. Industrial compostability claims do not mean home compostability, marine biodegradability or universal acceptance in local waste systems.

9. MANUFACTURER

Field	Details
Manufacturer	Xiamen Bioleader Environmental Protection Technology Co., Ltd.
Brand	Bioleader Cups
Country of Origin	China
Website	www.cupschina.com
Email	info@bioleaderpack.com
Address	No. 39 Xinglong Road, Xiamen, Fujian, China
Product Reference	https://www.cupschina.com/pla-cups/

9.1 Packing & Traceability

Packing Item	Requirement
Primary Packing	Sealed inner sleeves; final sleeve quantity and sealing method follow the confirmed order specification.
Outer Carton	Reference carton size: 61 x 25 x 54 cm; 500 pcs/carton, subject to the approved SKU packing specification.
Thermal Protection	Insulated carton liners and container-level thermal protection are available for qualified bulk orders.
Custom Shipping Marks	Custom-printed cartons, labels and private-label shipping marks are available subject to artwork confirmation.
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 32oz PLA compostable clear bowl-container 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, current certificate scope and destination-market requirements take precedence. Bioleader Cups reserves the right to update material grade, dimensions, packing or processes subject to contractual agreement.