

Wenzhou Baofeng Packaging Ties Paper Cup Performance to Coating and Die-Cutting

Coating, die-cutting and forming shape disposable cup performance.

CALIFORNIA, CA, UNITED STATES, September 16, 2026 / EINPresswire.com/ -- LONGGANG, Wenzhou, China, Sept. 16, 2026 — Wenzhou Baofeng Packaging Technology Co., Ltd., a paper packaging manufacturer founded in 1996 and based in Longgang, Wenzhou, Zhejiang Province, structures its [disposable paper cup](#) production around three process areas it treats as decisive for everyday performance: food-grade barrier coating, precision die-cutting and forming, and the composite processes that set heat tolerance. The company's BF-PC-001 disposable paper cup is listed in 4oz, 8oz, 12oz, 16oz and 20oz capacities, with customizable top and bottom diameters and heights, food-grade virgin paper in a 190gsm to 350gsm weight range, and a stated service temperature of -20°C to 100°C.



The specification, published on the company's website at www.takeawaypak.com, covers ice cream formats and custom printed cups, and lists FDA, BRC and FSC compliance at product level. What follows is a technical reading of those three process areas, and of the parameters an overseas buyer can verify before placing an order.

Why Cup Technology Carries More Weight as the Market Grows

Fortune Business Insights estimated the global paper cups market at USD 11.35 billion in 2025 and projects growth to USD 13.98 billion by 2034. Precedence Research, working from a narrower definition, put the 2025 market at USD 8.06 billion. The distance between the two

figures shows how much published market sizes depend on methodology and on whether items such as lids and sleeves are counted inside the category.

Within the total, hot paper cups accounted for approximately 62.4% of the global market in 2025, a share IMARC Group attributes to the expansion of quick-service restaurant chains. China's exports of paper goods, a category that includes trays as well as cups, reached approximately USD 1.98 billion in 2024, with the United States as the largest single destination, according to the Observatory of Economic Complexity.

Regulation has tightened alongside demand. The European Union's Single-Use Plastics Directive (2019/904) requires labeling for paper cups containing plastic and sets separate collection targets for them; under the directive's definition, both PE and PLA linings fall inside that scope, according to the European Commission. In the United States, paper cups must comply with FDA food contact regulations, which include safety assessments for the migration of substances from coatings, with the FDA Food Contact Notification process used for new substances. Mordor Intelligence reports that compostable cups using plant-based PLA linings are growing faster than conventional PE-lined cups.

For buyers, the practical consequence is that a coating decision now carries labeling, collection and documentation requirements in addition to its performance function.

The Coating Is the Barrier, and the Compliance Question

Baofeng's published data for the BF-PC-001 disposable paper cup describes a cup body made from food-grade virgin paper with a weight range of 190gsm to 350gsm, combined with a PLA or PE coating. The specification describes the coated construction as leak-proof and identifies the PLA option as compostable. It also states a service temperature range of -20°C to 100°C and suitability for [cold and hot drinks](#).

What the coating actually does

The coating performs the basic barrier function in any paper cup: it separates the beverage from the paper fibre and prevents wicking, softening and seam failure. PLA linings are plant-based and are commonly marketed on compostability grounds. That marketing language can obscure a regulatory detail. Under the EU Single-Use Plastics Directive, a paper cup containing a PLA lining remains a plastic-containing cup and is therefore subject to the directive's labeling and separate collection provisions. A buyer moving a compostable cup into a European listing should expect to handle that obligation regardless of the lining's plant origin.

How material weight interacts with the lining

Across paper cup manufacturing generally, heavier board increases wall rigidity and slows heat transfer to the hand, while lighter board reduces material consumption. The 190gsm to 350gsm

range in the Baofeng specification is wide enough to span lighter single-wall cold formats and heavier constructions used for hot beverages and ice cream. Buyers comparing wholesale disposable paper cups usually compare grammage, coating type, stated temperature range and print method before they compare unit price, because those four variables determine whether a cup survives a given fill.

Precision Forming Decides Lid Fit and Leak Paths

A paper cup begins as a die-cut, fan-shaped blank. The blank is wrapped into a side seam, a bottom disc is inserted and rolled into place, and the rim is formed to accept a lid. Because the finished cup's top and bottom diameters are fixed at the blank and forming stages, small dimensional deviations at that point surface later as rim leakage, weak lid retention, or a cup that does not sit correctly in a holder or carrier.

Baofeng lists top diameter, bottom diameter and height as customizable rather than fixed, which means forming tooling is configured order by order, and the company publishes a double-wall cup size guide among its product references for buyers specifying insulated formats.

A double-wall cup size guide published among the manufacturer's paper cup product references. Dimensional control at the blank and forming stages determines lid fit and rim integrity. Image: Baofeng Packaging

Scale is the other half of consistency. The company says it runs more than a hundred production machines and produces roughly 8 million pieces a day, equivalent to nearly 3 billion pieces a year. For brand owners, the relevant question is not the headline number but whether forming and coating parameters stay inside tolerance across a high-speed line and across repeat orders; in practice that is tested through pre-production samples and incoming inspection at the buyer's end. Printing, offered in flexographic or offset processes with custom logos, is applied to the same blank, so print registration and cup geometry are specified together rather than separately.

Heat Tolerance: One Range From the Freezer to the Coffee Counter

The stated service range of -20°C to 100°C covers both ends of the food-service catalog rather than splitting cold and hot formats into separate specifications. In the company's application data, the disposable paper cup is listed for cold and hot drink serving in chain stores, with lids and straws as matched equipment and food-grade, leak-proof and custom logo requirements. A separate retail-chain application covers ice cream and desserts, again with lids, where the documented requirement is compostability compliance with AS5810.

For buyers, the temperature envelope is best read as a qualification statement rather than a guarantee for every fill combination. Actual in-service performance depends on the chosen

format, board weight, coating and the dwell time of the beverage in the cup. That is why product-specific sample testing remains the standard verification step before a hot-fill or freezer application is approved at scale.

Specification Summary for Buyers

BF-PC-001 disposable paper cup: published parameters

- Capacity: 4oz, 8oz, 12oz, 16oz and 20oz; custom capacities available
- Material: food-grade virgin paper, 190gsm to 350gsm
- Coating: PLA or PE; the specification describes the coated cup as leak-proof and the PLA option as compostable
- Dimensions: customizable top diameter, bottom diameter and height
- Printing: flexographic or offset, with custom logos
- Service temperature: -20°C to 100°C, suitable for cold and hot drinks
- Product-level compliance listed: FDA, BRC, FSC
- Formats in the range: ice cream paper cups and [custom printed paper cups](#)

Because the range is offered with customizable capacity, dimensions, coating and print, the specification is best treated as a starting framework for a quotation. Two buyers can order the same nominal 12oz cup and receive materially different products depending on board weight, lining and wall construction.

Quality Control and the Standards Record

The manufacturer says it applies inspection from material intake through production to shipment, with every batch tested before it leaves the factory. Its certification list includes BRC, BSCI, FSC forest certification, ISO 9001 for quality management and ISO 14001 for environmental management, and it states that its products meet US FDA testing standards. The company also says it has led the drafting of three national standards and two group association standards, and that it maintains a research and development team of 50 people.

The OEM references the company lists include China Eastern Airlines, China Southern Airlines, Juneyao Airlines, Loong Air, Shenzhen Airlines, Atour Hotel, China Resources Group, Wanda Cinemas and Yonghui Supermarkets. References of that kind are normally confirmed directly with the manufacturer during supplier qualification rather than accepted from a supplier's own

materials.

Company Statement

Wenzhou Baofeng Packaging Technology Co., Ltd. describes itself as a national high-tech enterprise, a \"Specialized, Refined, Differential, and Innovative\" small and medium-sized enterprise of Zhejiang Province, and a Zhejiang Provincial Export Brand Enterprise.

In its corporate profile, the company states: \"We always adhere to the principles of high quality, high efficiency, and customer first, striving to perfect every product and serve every client with dedication.\"

Market Impact: Export Exposure and a Fragmented Supply Base

Roughly 80% of the company's output is exported, according to its corporate profile, to markets including the United States, the European Union, Canada, Australia, the United Kingdom, Dubai, Qatar, South Africa, Singapore, Japan and South Korea. The company reports a workforce of more than 200 people, an annual output value above RMB 300 million, and a product range that extends beyond cups to paper boxes, bags, plates and bowls. That breadth matters commercially, because food-service buyers increasingly consolidate cup, bowl and container volumes with a single supplier to simplify compliance paperwork.

The competitive structure of the category gives context to that position. Fortune Business Insights identifies Huhtamäki Oyj, Dart Container Corporation and Graphic Packaging International as leading global competitors with a combined market share of approximately 32%, which leaves the majority of the market to regional and mid-size producers. Suppliers in that segment compete on specification breadth, coating documentation and repeat-order consistency rather than on advertising scale.

Third-Party View

Available third-party data points in a consistent direction. Market demand is projected to expand over the coming decade on Fortune Business Insights' estimate; hot cups remain the larger product type on IMARC Group's 2025 share figure; PLA-lined compostable formats are the faster-growing segment on Mordor Intelligence's assessment; and both the European Union and the US FDA have formal requirements covering plastic-containing cups and coating migration respectively. Read together, those sources support treating coating composition, migration compliance and dimensional consistency as routine qualification criteria for importers and chain operators, not as optional add-ons.

Outlook

Paper cup technology is being shaped by two forces at once: rising beverage volumes through

quick-service and retail channels, and a regulatory environment that scrutinizes the plastic content of what is nominally a paper product. For manufacturers, that combination rewards documented coating choices, verifiable forming tolerances and certification records that survive an importer's audit. For buyers, the practical next step is unchanged: confirm the coating type against the destination market's rules, request the specific board weight and dimensions required by the application, and validate both through samples before committing to volume. Further specification detail is available through the company's product documentation at www.takeawaypak.com.

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