

# DQ PACK Offers Custom OEM 125°C Retort Stand Up Pouch with Spout for Enhanced Food Packaging

CHAOZHOU, GUANGDONG, CHINA, December 3, 2025 /EINPresswire.com/ -- DQ PACK, a leader in food packaging innovation, is addressing the evolving needs of the global food industry with its advanced packaging solutions. With over 31 years of experience, the company has transitioned beyond traditional canning to offer modern



alternatives that meet the high standards required for food safety, extended shelf life, and consumer convenience. The company's latest offering, the [OEM Design 125°C Retort Stand Up Pouch With Spout](#), is a versatile and efficient packaging solution engineered to endure sterilization temperatures up to 125°C (or higher) under pressure. This multi-layer flexible pouch is designed for a variety of food products, including ready-to-eat meals, soups, sauces, baby food, and liquid foods. It combines the shelf stability of canning with the convenience, reduced logistics costs, and modern appeal of a spouted, self-supporting pouch.

## The Retort Packaging Market and Industry Trends

The global retort packaging market is expanding, driven by increasing consumer demand for convenience, food safety, and efficiency throughout the food supply chain. This section highlights the technical aspects and market trends that underscore the importance of the OEM Design 125°C Retort Stand Up Pouch With Spout as a strategic solution.

### 1. The Advantages of Retort Flexible Packaging

Retort flexible pouches are gaining ground as an alternative to traditional metal cans and glass jars due to several advantages:

**Extended Shelf Life Without Refrigeration:** Retort packaging sterilizes food to eliminate pathogens, resulting in a shelf life of 12 to 18 months, comparable to canned products, without requiring refrigeration or preservatives.

**Preservation of Food Quality:** Because of the thinner profile of flexible pouches, they typically require less sterilization time than cans, which reduces the thermal degradation of food. This helps to preserve the color, texture, flavor, and essential nutrients (including heat-sensitive vitamins) of the product.

**Logistical Efficiency:** Empty retort pouches are shipped flat, maximizing storage space and reducing transportation costs by up to 90% compared to rigid containers. Once filled, the lightweight nature of the pouches further reduces freight costs for finished products.

## 2. The Technical Demands of 125° Processing

Designing a retort pouch that can withstand temperatures of 125° under pressure demands precise engineering and material science.

**Multi-Layer Structure:** To ensure the pouch can handle high temperatures, a typical retort pouch consists of five or more layers, including a high-barrier aluminum foil or specialized film to protect against oxygen and moisture, as well as a polypropylene (PP) layer for heat resistance and strong heat seals.

**Seal Integrity:** The seals must maintain integrity under the high heat, steam, and pressure conditions during the sterilization process. Any failure in the seal could lead to spoilage of the product, so DQ PACK's manufacturing focuses on ensuring reliable and consistent seals.

**Spout Welding and Cap Sealing:** For pouches with spouts, the welding process must integrate seamlessly into the multi-layer structure to prevent leakage during and after sterilization.

## 3. Market Drivers for Retort Packaging

Several factors are driving the growth of the retort packaging market:

**Ready-to-Eat (RTE) Meals:** The increasing demand for pre-cooked, ready-to-eat meals has contributed to the popularity of retort pouches, which offer a convenient and efficient packaging format for both single-serve and multi-serve meals.

**Baby Food and Purees:** The stand-up retort pouch with a spout is becoming the preferred packaging for shelf-stable baby food, providing safety, ease of feeding, and portability.

**Sustainability Considerations:** Although multi-layer pouches pose recycling challenges, their efficiency in logistics, such as reduced weight and improved space utilization, can contribute to a lower carbon footprint compared to traditional glass or metal containers.

DQ PACK's expertise in OEM Design 125° Retort Packaging aligns with these trends, offering a flexible and reliable solution to meet the demands of the food industry.

## DQ PACK's Competitive Edge and Global Service

With over three decades of experience in packaging solutions, DQ PACK has established a strong reputation for its high-quality standards and global reach. The company's extensive knowledge in high-barrier food and liquid packaging positions it as a trusted partner for brands entering the retort packaging market.

### Core Advantages: Quality, Experience, and Global Reach

DQ PACK's operational expertise is backed by a robust quality management system, ensuring consistent delivery of high-quality packaging solutions across the globe.

**Retort Manufacturing Precision:** The company's manufacturing processes adhere to international standards, including ISO certifications and FDA/IMS compliance, ensuring the integrity of products and meeting the stringent requirements of the retort sector.

**Global Footprint:** DQ PACK's packaging solutions are exported to over 1,200 customers across more than 140 countries and regions, demonstrating its reliability and global logistics capabilities.

**Operational Control:** As a flexible packaging leader with direct export rights, DQ PACK maintains control over production, quality assurance, and logistics. The company's strategic locations in Malaysia and Hong Kong further enhance its ability to serve both Asian and global markets.

### Focus on OEM Design for the 125□ Retort Pouch

A key feature of DQ PACK's offering is its emphasis on OEM Design for the 125□ Retort Pouch. The company works closely with clients to develop custom solutions tailored to the unique needs of their products.

**Material Engineering Consultation:** DQ PACK collaborates with clients to design optimal multi-layer structures that meet specific retort temperature requirements, sterilization times, and desired shelf life.

**Custom Sizes and Spout Integration:** The pouches are customizable in terms of size, shape (e.g., stand-up or flat), and spout configuration to ensure compatibility with clients' filling and capping processes.

**High-Quality Printing:** DQ PACK employs up to 10-color rotogravure printing to produce high-definition graphics, ensuring that the packaging not only performs well but also serves as a premium marketing tool.

## Customer Case Studies and Applications

DQ PACK's expertise extends to a wide range of applications. The company has collaborated with numerous global beverage manufacturers to create flexible packaging solutions, and this knowledge is easily applied to the retort sector.

### Key Applications:

DQ PACK's retort pouches are used for a variety of shelf-stable products worldwide, including:

Ready-to-eat meals such as stews and curries

MRE (Meal-Ready-to-Eat) components

Pre-cooked rice and pasta

Pet food

Liquid food concentrates

These applications highlight the versatility of DQ PACK's OEM Design 125□ Retort Stand Up Pouch With Spout and its ability to meet the diverse needs of the food industry.

### Conclusion

For manufacturers looking to transition from rigid packaging to flexible, high-performance solutions, DQ PACK's OEM Design 125□ Retort Stand Up Pouch With Spout offers a viable and reliable option. The company's commitment to quality, experience in high-temperature packaging, and global service network makes it a trusted partner for brands seeking innovative and efficient solutions for their food packaging needs.

For more information about DQ PACK's retort packaging solutions, custom OEM services, and global export capabilities, visit their official website: <https://www.dqpack.com/>

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