



Achieving Growth with Eka Global's High Barrier Rigid Longevity Packaging

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Synopsis:

Eka Global is the leader in manufacturing of High Barrier Rigid Longevity Packaging. This paper explains how Eka Global develops and brings innovative products to the market to help consumers “live a healthier lifestyle”. Applications range from MAP, HPP to range of thermal sterilization. Eka Global supports customers to grow their business with new products while practicing the concept of circular economy to save the mother nature.

Introduction

Eka Global is the leader of high barrier rigid longevity packaging with a strong business network across Asia Pacific. We develop and bring innovative products to the market to help consumers “live a healthier lifestyle”. When commitment to Innovation, Circular Economy and Passion for packaging are combined, “Ekanovation” emerges to provide advanced value-added packaging solutions.

MAP Technology

Eka Global's packaging is ideal for Modified Atmosphere Packaging (MAP), Thermal Sterilization (Retort / Pasteurization), aseptic Packaging and HPP of food. For heat sensitive products, instead of using thermal sterilization, MAP substitutes atmospheric air with an inert gas like nitrogen and carbon dioxide depending on the type of food. This technology significantly slows down the

growth of microorganisms, biochemicals & enzymes activity to extend the shelf life without adding preservatives. This increased shelf life provides broader distribution, increase variety of delicate fresh products & improved profitability to the customers.

MAP typically increases the shelf life of Food Products by 4 to 16 times of the current life. Best results from MAP depends on initial quality and hygiene of the food product, the gas mixture, packaging machine & packaging material. Eka Global's high barrier packaging container & lid film are best suited for these applications.

Applications of MAP

- Low moisture Indian sweets:



- Bakery & Savory products:





- Dehydrated & freeze-dried products:



- Dry Fruits & Nuts:



- Chilled Ready Meals & Snacks:



- Value Added Dairy:



- Fresh Meat & Sea Food



- Fresh Cut Fruits



Eka Global is not just a packaging supplier, but a partner for growth of our customers. We support R&D trials through our R&D centers, provide guidelines on required machinery and work closely with customers from concept to commercialization.

Eka Global has long been serving the global food industry with a wide variety of innovative packaging that meet international standards for quality and food safety. Our Longevity Packaging can extend shelf life of broad range of products that best serve food manufacturers' specific requirement and demand.

Concept of circular economy is integrated in our business model. Eka Global pays much attention to eliminate plastic waste and promotes continual use of resources. All of our packaging is 100% Recyclable, we operate our factories with 0% landfill and continue to reduce energy consumption by more than 30% in last two years.