

Editorial

Food packaging and its various processes

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EDITORIAL

The demand for packaging has been growing exponentially because the packaging design is that the foremost vital approach to draw views of consumers. Besides branding, the packing design of the merchandise can either make or break within the industry. With increase in demand of food products, the packing material flexibility, design, and marking shoot up eventually [1]. Attractive, strong packaging designs not only help to protect the products from breakage and damages but they're also helpful in grabbing the attention of the consumers towards products.

Different types of packaging methods

- Pharma Packaging
- Anti-corrosive Packaging
- Flexible Packaging
- Plastics Packaging

Pharma packaging

Pharma packaging is also known as drug packaging. This mode of packing is used for pharmaceutical packing purpose. The packaging of pharma products provides drug safety, containment, delivery and identity convenience of handling. The main role of pharmaceutical packaging is to provide drugs powders, surgical devices, solid and semisolid dosage forms, blood and blood products, nutraceuticals, life-saving, liquid and dosage forms. Pharma Packaging is involved in dosing, dispensing etc [2].

Anti-corrosion packaging

Anti-corrosion refers to the protection of metal surfaces from corroding in high-risk environments (rusting). Using anti-corrosion packing materials, we can protect the product from corrosion. Materials like VCI bubble film, paper, oil, chips, and bags that are used as an area of anti-corrosive packaging helps to prevent goods from exposing to varied climate zones. Moreover, this packaging are often utilized in the scenarios like export of products over long distances, long-term storage of metal goods, and metals that are sensitive for corrosion.

Flexible packaging

Flexible packaging are often made with flexible materials which will be packed, sealed and may retain the freshness of its content. We will mold the flexible packing materials into different shapes supported our convenience and usage or preserving the flavor and safety of food or logistical aspects, all are covered under the flexible packaging [3]. This is often the main benefit that creates flexible packaging the primary choice for food packaging. The package can last for a very long time; if it's stored within the proper conditions. Flexible packaging is environmentally friendly because it uses less material and less wastage to make it.

Plastics packaging

Plastics Packaging is employed for packaging a spread of things i.e. fragile or non-perishable products. Plastic packing materials usually recyclable and can be used for other purposes, mostly plastic products are packed by using this process, and even offer alternatives [4].

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