

Packaging (Food / Pharma
and Flexible)
Conference
&
Exhibition



***Venue :** Vigyan Bhawan , New Delhi*

***Date :** 25th - 27th July 2024*

***Time :** 9am - 6pm*

INTRODUCTION



Packaging is the science, art and technology of enclosing or protecting products for distribution, storage, sale and use. Packaging also refers to the process of design, evaluation, and production of packages. Packaging of foods is perhaps one of the most challenging industrial activities, since safety of the foods we eat is dependent upon it. Packaging is heavily integrated into our daily lives, we see it all around us, on everyday items such as chocolate bars and potato chip (crisp) packets.

NEED FOR PACKAGING

Considerable advancements have taken place in area of food packaging. A major change has been our ability to protect and preserve products with packaging. Packaging and package labelling have several objectives:

Physical protection – The objects enclosed in the package may require protection from, among other things, shock, vibration, compression, temperature, etc.

Marketing – The packaging and labels can be used by marketers to encourage potential buyers to purchase the product.

Convenience – Packages can have features which add convenience in distribution, handling, display, sale, opening, reclosing, use and reuse.

Barrier protection – A barrier from oxygen, water vapor, dust, etc., is often required. Package permeability is a critical factor in design.

Portion control – Single serving or single dosage packaging has a precise amount of contents to control usage. Bulk commodities (such as salt) can be divided into packages that are a more suitable size for individual households.

Containment or agglomeration – Small objects are typically grouped together in one package for reasons of efficiency.



FORMS OF PACKAGING

- **Metal cans:** These can be classified into round, square, oval or pill-shaped, flat, etc. Cans are often classified into 2-piece or 3-piece cans. The latter uses tin-plate as its basic material, and the can is joined by soldering or welding. In the case of tin-free-steel (TFS) cans, body making is done by using an organic adhesive agent.
- **Glass bottles:** Glass bottles and containers are available in many different shapes such as large “free-size” bottles, small “one-shot” styles, light-weight bottles for soft drinks, heavy-weight “hand-crafted” type liquor bottles returnable bottles, etc.
- **Flexible pouches:** A pouch is a container made of a flexible packaging material, such as plastic film, aluminium foil, paper, etc. which is used either singly or in continuation.
- **Cups/trays:** Food Packaging The types of cups used as containers include thermo-formed, airpressure formed and expanded plastic sheets.
- **Paper-board containers:** The ‘pure-pak’/‘tetra-pack` type of containers, with its distinctive gable-top and the ‘brick-type’ smaller containers are the predominant packages used for milk products.

TYPES OF PACKAGING

Individual Packaging: This means the packaging of individual items of goods and includes the technique of application of appropriate materials and containers, etc. to protect each individual item of goods, or to increase the merchandise value as well as the conditions of the goods to which those techniques are applied. This could also be called as ‘Primary Packaging’.

2. Inner packaging: This means the inner packaging of packaged goods, the techniques of application of the appropriate materials or container, etc., with consideration of the protection of goods against water vapour, light, heat, impact, etc. as well as the condition of the goods to which these techniques have been applied.

External packaging: This indicates the outer packaging of packed goods, in other words, the techniques of placing the goods in a box, bag or other container such as a barrel or can, etc., or bundling without the use of a container, and adding markings to identify the goods as cargo; as well as the conditions of application of these procedures. This could also be called as Tertiary Packaging.

Another classification of food packaging is into ‘**Rigid Containers**` like cans, glass bottles etc.; semi-rigid containers like standi-packs, Tetra-bricks and plastic bottles, etc. and Flexible packages like LDPE milk pouches, laminates containing spices and Tetrafino pillow pouches etc.

PACKAGING OF PHARMA PRODUCTS

Pharmaceutical packaging can be defined as the economical means of providing presentation, protection, identification, information, convenience, compliance, integrity and stability of the product. Product packaging must protect the medicines from contamination and all external influences that may alter the drugs' property.

There can be quality control issues in the packaging & labelling process. So, it's a good practice to test the sturdiness of the package design and check if it will be able to protect the medicines and drugs.



PACKAGING OF FOOD PRODUCTS

In modern food business which is heavily dependent on the retailing sector, it is important to choose the best packaging for the food being marketed in the most cost effective manner. Food products spoil fast at high temperatures, in the presence of oxygen and other contaminating agents present in the atmosphere.

Dairy and fruit products being highly perishable products, utmost care is needed in its preservation during storage, handling and transportation.



PACKAGING OF FLEXIBLE ITEMS

Flexible packaging is any package or part of a package whose shape can readily be changed when filled or during use. Flexible packaging is produced from paper, plastic, film, aluminum foil, or any combination of those materials, and includes bags, pouches, liners, wraps, rollstock, and other flexible products.

Flexible packages are particularly useful in industries that require versatile packaging, such as the food and beverage, personal care, and pharmaceutical industries.



KEY HIGHLIGHTS OF THE EXHIBITION

- 350 + eminent speakers from across the world will participate in the conference with 800 + industries from PAN India overseas.
- Apart from Middle Industries and corporates, 400+ startups, unicorn and MSME's will be participating in the event.
- 6000+ Participants are expected in 3 days
- 100 + interviews will be published by various TV channels, Magazines and Newspapers.
- It will deliberate & showcase the opportunities, growth, ecosystem, emerging trends.
- Exhibition will bring forth technology solutions & new innovations for challenges faced by Indian food/pharma and flexible packaging process.



WHO SHOULD ATTEND THE EXHIBITION?

- ✓ Exporters and Importers of food, pharma & flexible products
- ✓ Equipment Manufacturers and Solution Providers
- ✓ Food, pharma and flexible Processing and Manufacturing Companies
- ✓ Ingredient Manufacturers
- ✓ Academic and Research Institutes Teaching Food Products
- ✓ Startups and innovators

WHY TO EXHIBIT ?

- With our bespoke workshops and seminars, you will have the opportunity to explore the latest packaging developments and challenges with industry experts and peers. And, check out your competition!
- Packaging Conference and exhibition is a platform which allow you to effectively capture and track qualified leads from visitors to support your business growth.
- Meet and do business with top packaging brands. Plus, take advantage of our cost-effective and tailor-made stand packages that are designed to meet your business objectives and goals, while maximising your ROI.
- Make the most of our wide array of personalised and complimentary marketing tools and services to boost your visibility and drive traffic to your stand.

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