



RUSK PACKAGING



AATMANIRBHAR BHARAT

PM Formalisation of Micro Food Processing Enterprises Scheme (PM FME Scheme)







- Rusk is very popular and favourite which is eaten with tea or milk, which helps in digestion.
- A rusk is a hard, dry biscuit or a twice-baked bread. It is sometimes used as a teether for babies.
- In some cultures, rusk is made of cake, rather than bread: this is sometimes referred to as cake rusk.
- The raw materials used for preparation are Maida, Suji, Ghee, Glucose,
 Custard, Milk, cardamom, and Yeast.









FUNCTIONS OF PACKAGING

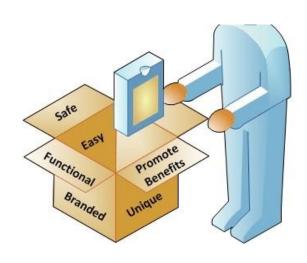


- Ability to protect content from spoilage and Spillage
- Prevent insect infestation and insect damage
- Economical, easily available and easy disposal
- Confirm with food laws





FUNCTIONS OF PACKAGING



- Offer Protection against environmental conditions- moisture barrier
- Offer protection against microorganismsoxygen barrier
- Strength properties to withstand mechanical hazard during transportation and storage
- Have a good printability

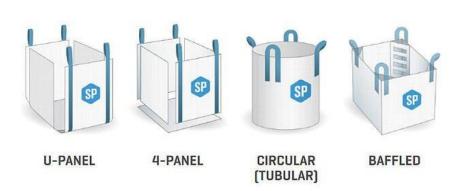


BULK PACKAGING



- Women plastic bags which may be laminated or provided with a lose liner bag and multiwall paper sacks with a plastic liner bag.
- The plastic based or carton alternate packaging materials are used to overcome the contamination problems associated with jute.
- Moreover, plastic bags/liners also help in retaining the quality of the rose packed inside for a longer time.









ADVANTAGES OF BULK PACKAGING

- Bags are flexible, collapsible and durable
- Can be used for packaging of, powder and any free-flowing material.
- Product wastage/spillage and tampering can be avoided.
- Since the handling is mechanized, less labour is required.
- Saving in time for loading and unloading.
- Bags are light in weight and, therefore, freight costs are reduced.
- Creates eco-friendly, pollution free working atmosphere.









CONSUMER PACKAGES

- The options available to the traders/exporters in the selection of a consumer pack for domestic and export market are quite wide.
- The selection/choice of the packaging material/system depends upon a number of factors.
- Shelf-life period(the degree of protection required by the product against moisture pick-up, aroma retention and discolouration.
- Climatic conditions during storage, transportation and distribution.
- Type/sector of market.
- Consumer preferences.
- Printability and aesthetic appeal.







- Bottles/Jars are commonly used.
- The glass used for food packaging is soda-lime glass.
- Most bottles and jars are tailor-made specifically for one product or one manufacturer.
- Closures for glass containers are more standardized.
- Glass containers can be reused or recycled.
- Eliminates the risk of potentially harmful chemicals found in some plastics that can leach into food.





GLASS CLOSURE AND SEALING LUG JARS

Lug Jars

- Also known as Twist Off(T/O) caps, lug caps are compatible with containers whose threads are noncontinuous.
- Lugs on the interior of a lug cap, correspond with the non- continuous threads and close by a partial rotation.











GLASS CLOSURE AND SEALING THREAD JARS

Continuous Tread

- Continuous thread caps can be metal or plastic and have various liner options.
- Categorized by threads which wrap continuously around a given finish, a few products that traditionally use continuous thread caps include peanut butter and mayonnaise.













FOOD GRADE HDPE FILM (POUCH)

- One of the cost effective means of Packaging
- > HDPE stands for High Density Polyethylene
- These films may be printed with details & logos
- > It's more suited for liquid food though





FOOD GRADE PP FILM (POUCH)



- One of the cost effective means of Packaging
- PP stands for Polypropylene
- These films may be printed with details & logos
- It's used for wide variety of food products





LAMINATED RETORT FILM ROLLS



- Used by more reputed brand, for bulk packaging
- Material usually includes a laminate of metal & plastic
- One of the modern materials used for packaging
- Can be printed with required details





FOOD GRADE PP CONTAINER



- These are one of the means for packaging that provide more aesthetic appeal without heavy secondary packaging.
- Require there own specialized packaging machine, if containers are to be heat sealed.









The printed flexible pouches are generally laminates of various compositions.

- 1. Polyester/metallised polyester/ LDPE
- 2. BOPP/LDPE
- 3. BOPP/metallised polyester/LDPE.
- 4. Polyester/AL foil LDPE







FLEXIBLE PACKAGING



- Polyester and BOPP materials used for lamination is generally 10 or 12 μ thick.
- PVDC, EVOH and EVAL based material have high barrier properties.





TYPES OF POUCHES



- Centre seal formation
- Three sides seal formation
- Four sides seal formation







Centre seal formation

Three sides seal formation

Four sides seal formation



COMPOSITE CONTAINERS



- Composite container are also used for packaging of Rusk.
- The containers are round and the body(side wall) is made of PE coated foil laminated spirally wound paper.
- The top and bottom ends of the container may be made from metal or plastic.
- The inner face is coated with plastic film or a combination of film and aluminum foil- This ensure op moisture and oxygen.





KRAFT PACKAGING



- Has good strength, printability and appearance.
- Other advantages are its low cost, wide availability and low weight.

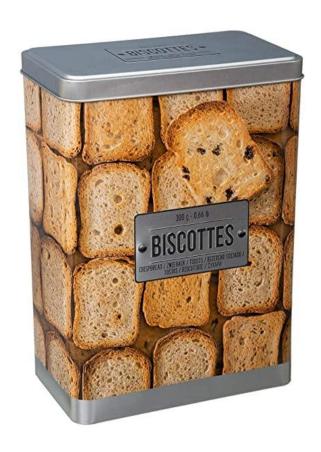


- Currently very popular material in food packaging.
- Made by sulphate pulping process.
- Poly amide or polyamine resin is used to coat or laminate to improve barrier properties.



METAL TIN CONTAINERS





Metal Tin keeps them from sticking together or losing crispness. Metal tins keep cookies firmer than plastic bins.



OTHER PACKAGING MATERIAL



PET bottles

- Clear, Shiny and transparent.
- Unbreakable.
- Good barrier properties.
- 100 % recyclable.
- Low permeability of moisture and air.









- Liner carton filling and packing machine also known as duplex box packing machine
- Provides good protection and barrier properties.









Stacker Machine

 As the name suggests the machine simply stacks the cookies one over the other for packaging.









Automatic packing machine simply packs the given product into appropriate food grade packaging for sale and distribution, which in this case is biscuits.







Automatic Filling Machine









Wrapping Machine

Pillow Machine





FSSAI LABELLING REQUIREMENTS

- Name, trade name or description
- Name of ingredients used in the product in descending order of their composition by weight or volume
- Name and complete address of manufacturer/packer, importer, country of origin of the imported food (if the food article is manufactured outside India, but packed in India)
- Nutritional Information
- Information Relating to Food Additives, Colors and Flavors
- Instructions for Use







- Veg or Non-Veg Symbol
- Net weight, number or volume of contents
- Distinctive batch, lot or code number
- Month and year of manufacture and packaging
- Month and year by which the product is best consumed
- Maximum retail price



LABELLING OF RUSK



Vegetarian Sign



Ingredients

Price

FSSAI License number

Best Before

Customer care information

Information of the product

Name and complete address of the manufacturer



For More details Contact:

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