



CUMIN BISCUIT PACKAGING



AATMANIRBHAR BHARAT

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



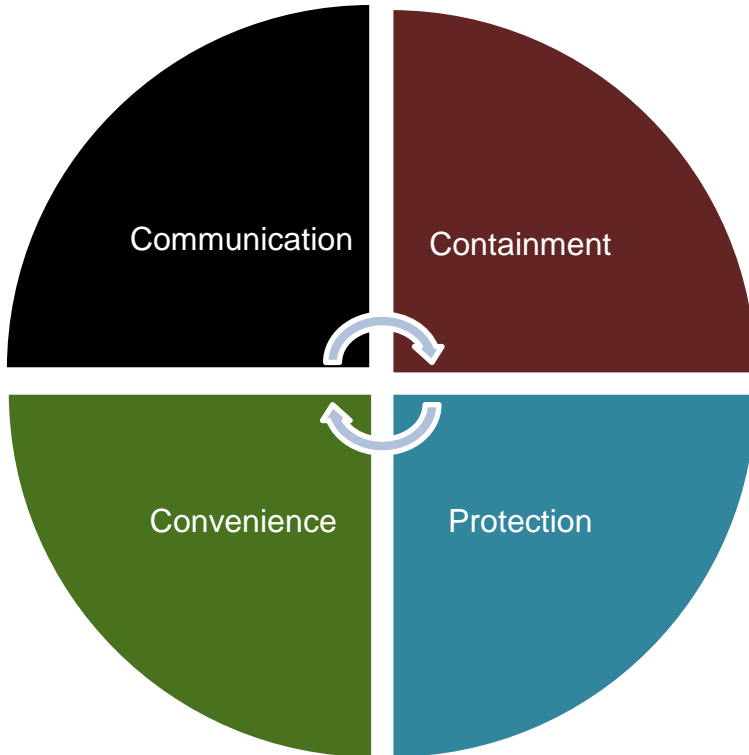
INTRODUCTION

- It's an easy and simple cookies or biscuits recipe made with cumin seeds and wheat flour. The uniqueness of these cookies is that it does not contain plain flour, sugar or even jaggery as compared to other cookies recipes. It is an ideal munching snack or coffee snack and is liked by all age groups including kids and adults.
- Cookies or biscuits are generally an adapted or an influenced recipe to Indian cuisine. It is generally made with plain flour and flavoured with other ingredients to be served as a snack.





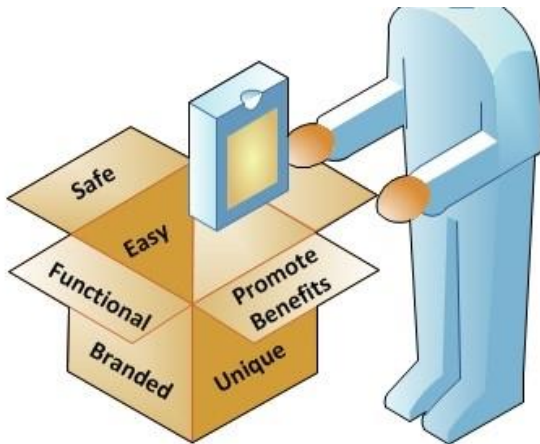
FUNCTIONS OF PACKAGING



- 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 microorganisms- oxygen 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 loose 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.



U-PANEL



4-PANEL



CIRCULAR
(TUBULAR)



BAFFLED

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.



GLASS CONTAINERS

- 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 non-continuous.
- Lugs on the interior of a lug cap, correspond with the non-continuous threads and close by a partial rotation.



LUG Cap Sealer
(Mechanical)



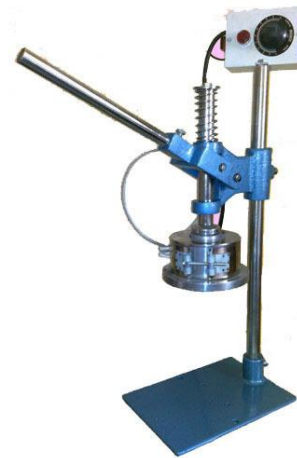
LUG Cap Sealer
(Pneumatic)



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.





FLEXIBLE PACKAGING

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 containers are also used for packaging of Jaggery solid and powder.
- 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 ensures optimum barrier properties against 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.



PET bottles

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





OTHER PACKAGING MATERIAL

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





Biscuit Stacker

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





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



Automatic Filling Machine



Biscuit Wrapping Machine



Biscuit 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



FSSAI LABELLING REQUIREMENTS

- 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 CUMIN BISCUIT

Vegetarian Sign

Thin Slim foods **BISCUIT** **2.5g NET CARBS***

Nutrition Facts		Amount/serving	%DV	Amount/serving	%DV
1 serving per container		Total Fat 2g	3%	Total Carb. 14g	5%
Serving size 1 biscuit (2oz)		Sat. Fat 1.4g	7%	Dietary Fiber 10g	36%
Calories per serving 50		Trans Fat 0g		Total Sugars <1g	
		Cholest. <5mg	1%	Incl. 0g Added Sugars	0%
		Sodium 0mg	0%	Sugar Alcohol 1.5g	
				Protein 4g	8%
		Vitamin D 0% • Potassium 2% • Calcium 2% • Iron 15%			

Ingredients: water, egg whites, coconut flour, starch, oat fiber, olive oil, erythritol, leavening agent (baking soda, cream of tartar), inulin, xanthan gum. Contains egg, coconut. Baked in a dedicated gluten free facility that uses peanuts, tree nuts, soy and dairy. *Net Carbs = Total Carbs - Fiber - Sugar Alcohol

Gluten Free
FREEZE UPON RECEIPT Nt Wt 56g

Princeton, NJ 08542 (866)-213-1250

GUARANTEE
Lab Verified Nutrition
Taste Satisfaction
No Blood Sugar Spike

6 39385 48882 2

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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