

Production of Aluminium Food Containers.

Manufacturing of Aluminum Foil Containers.

Project opportunities in Food Packaging Industry.



Introduction

Aluminum is the most widely used non-ferrous metal and is extensively used in packaging materials. It is an excellent material for creating all types of containers. However, despite the fact that about seven billion aluminum foil containers are produced annually, most packaging engineers and packaging users know very little about the advantages that these containers bring to the packaging and food service industries.



Specifically, aluminum provides an absolute barrier to protect foods, whether on the shelf, in the cooler or in the freezer. It can go from freezer to oven to broiler to microwave oven and result in quality food products whether at home or in central food processing operations. It is lightweight, so that it is easy and economical to transport. It is formable so that it is available in a wide variety of shapes and sizes. It can be printed, coated or embossed. And, it is recyclable which results in a 95% energy savings over that required to produce primary metal.



Aluminum foil containers are formed by combining mechanical and air pressure to force light gauge aluminum foil into a shaped die cavity. Esthetically appealing aluminum foil containers are ideal for table-ready service after the container has functioned first as a package and a heating utensil. Foil containers also come in a variety of colors and special purpose coatings.

In restaurants around the world aluminum containers are used very frequently. Restaurants use these containers to package up customers take -out orders and to store leftover food from that day. Not only does the aluminum foil containers keep the food nice and hot for customers, but it also helps protect their meals from any bacterias and excess moisture that may be lingering around.

Uses:

- **Aluminium Foil Containers** greatly used in daily life, it's ideal for **baking, grill, steaming, etc.:**
- **Aluminum foil containers** are used to prepare, freeze, store, transport, cook and serve a variety of foods. Containers made from aluminum foil are the only containers that can be used in all types of ovens: microwave, conventional, convection and broiler. Moreover, its recyclability makes aluminum one of the most environment friendly materials on earth, a key advantage for planet conscious consumers and local governments. Additionally, recycled aluminum saves more than 95% of the energy necessary to produce new primary aluminum. The use of aluminium containers in microwave ovens is perfectly viable.

- **Commonly used in the kitchen, principally for the commercial preparation, packing and conveyance of foods.**
- **Often used in baking industry to contain food during the production and cooking phase.**
- **The food is subsequently conveyed and sold in the foil container.**
- **Aluminium foil container is more widely used tableware, is widely used airline food, home cooking and a large bakery chain. Main purposes: food cooking, baking, freezing, preservation and so on.**



Advantages:

Aluminum foil container is an important part of the packaging industry. Aluminum is the most widely used non-ferrous metal, widely used in the packaging industry. Aluminum foil containers bring many advantages to the food packaging market. In combination, these advantages position aluminum foil containers uniquely among material choices for the food processing industry, the food service industry and consumer alike. Because of their unique combination of advantages, the aluminum foil container qualifies as the “perfect package” for numerous food packaging applications. Among these advantages are:



The product is light weight, the products meet the national food hygiene standards. And recycling in the process' harmful substances, and does not pollute the renewable resource. Aluminum lunch box product line is mostly used for air food and cake food retail, update speed consume larger quantities. Suitable for a bulk sale. Cake cooking food stores as well as finished food packaging multiple use aluminum foil container. A wider product market, the popularity of a wider surface.

- **Comprehensive Range of Applications – Aluminium foil containers offer some of the most versatile packaging solutions available today. They combine the features needed to process, conserve and deliver to the consumer perfectly preserved and quickly accessed food products. They exist in a wide variety of shapes, sizes and have applications in many sectors:**

- **Preserved pet food**
- **Preserved human food**
- **Chilled food**
- **Frozen food**
- **Bakery**
- **Catering**
- **Take-away**

Unique & Versatile Properties – The aluminium container owes a large part of its acknowledged advantages to the attributes of the aluminium material itself:

- **Aluminium provides a total barrier and protects sensitive and valuable food from deterioration;**

- **It has unique mechanical properties as it is highly formable and can also be 'dead folded', which is beneficial when deep drawing and shaping containers;**
- **Aluminium is an excellent conductor of heat and at the same time is heat-resistant, allowing quick and controlled heating of the container's food content;**
- **The decorative potential of aluminium foil lends itself to strong shelf-appeal and striking pack design: the material is both bright and reflective and can be colour-lacquered or printed;**
- **Aluminium foil helps meet source reduction and sustainability goals through the development of lightweight and down-gauged packaging. Aluminium containers can be recycled time and again without any loss of quality.**

Packaging in today's world has emerged as an integral part of the brand promotion. Owing to modern-day lifestyle coupled with today's fast-paced life, customers' inclination towards convenience packaging has increased. Aluminum is a kind of metallic element available in abundance across the globe and is preferably used a barrier resistant material for packaging to safeguard food & beverages, pharmaceutical, cosmetics, etc. Aluminum foil sheets are readily used in the manufacturing of various kinds of containers as per packaging requirements. Aluminum foil containers are exceptionally corrosion-resistant and are also chemically neutral. Moreover, the aluminum material is non-toxic in nature.

Aluminum foil containers in terms of food packaging industry have many advantages as aluminum foil can withstand temperature changes compared to the packaging material. For instance, aluminum foil containers can go from deep freezers to microwave/oven to the dinner table irrespective of any change in the container.

The aluminium foil is used for packaging of many products. Some of which are pharmaceutical tablets, bulk & unitized packing of tea and coffee, prepared meals, bakery products, frozen meat, fish, milk bottle caps, wine, lube oil, greases, powdered milk, confectionery, biscuits, photographic film, gift wraps, household wraps, butter, margarine, cigarettes. India is one of the key producers of aluminium foil in the region. Pharmaceutical packaging is one of the major consumers of this product.

Aluminum foil containers are in high demand for the food packaging industry. Based on the products type, Aluminum foil containers are classified in flexible as well as rigid containers wherein the rigid containers such as trays, boxes, bowls, and etc. account for the largest market share in the global aluminum foil containers market. In terms of applications, Aluminum foil containers are also in demand from the pharmaceutical industry as aluminum foil act as the most preferred barrier resistant material.



Aluminium foil packages are being used in frozen food packaging, pharmaceutical packaging, bakery product packaging, household product packaging, etc. However, these containers are being used on a large scale in food service packaging. Offering unique packaging style and a wide variety of sizes, aluminium foil containers are able to hold any type of food.

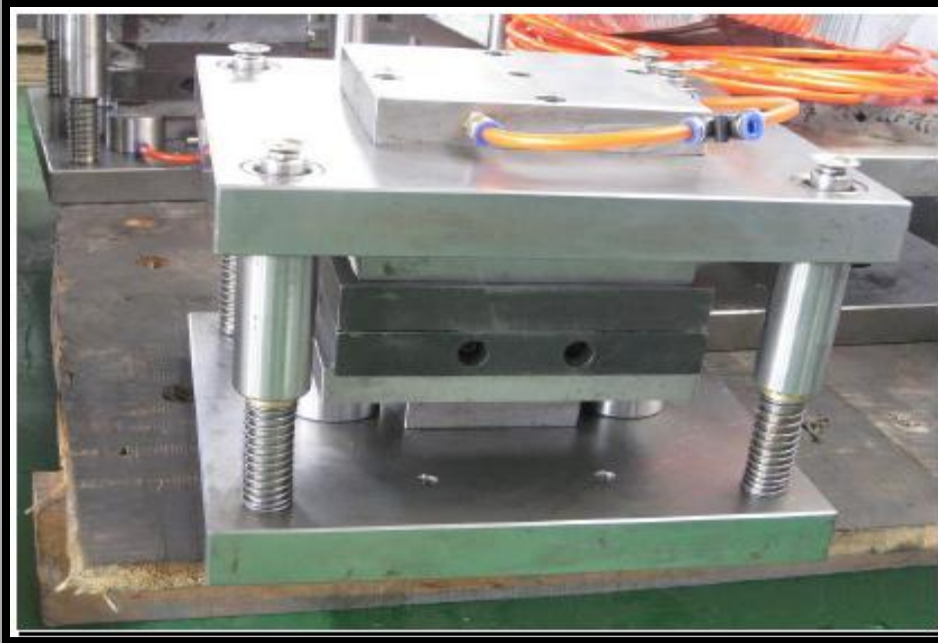
Aluminium foil containers serve a number of markets. A wide range of container designs are available in the retail market. Baking pans, roasting pans, muffin pans, pizza pans, cookie sheets, carryout containers, etc., are widely available to the Indian consumer. Generally, these containers also come in a variety of sizes, depending on the specific consumer needs.

Aluminium foil container growth has been over 40% in the past ten years. This rapid growth can be attributed, at least in part, to the U.S. consumer's preference for easy-to-prepare foods, whether in the supermarket freezer or purchasing take home entrees or complete meals from restaurants and other retail outlets. Many mid-line restaurants are beginning to rely on centrally prepared meals and entrees that can be subjected to rigorous quality control and reheated and served at retail outlets. These trends can be expected to continue as the Indian consumer continues to demand quality food, quickly available, at reasonable prices. So, at a minimum, the current growth rates of aluminium foil containers can be expected to continue.

Increasing preference for ready-to-eat food, changing lifestyles, busy work schedule of individuals are key factors expected to drive growth of the target market over the forecast period. In addition, changing consumer's consumption pattern and westernization of products are other factor expected to support growth of this market in the near future. Increasing preference for flexible packaging material in the nutrition industry, due to its properties such as good heat insulation, aroma retention, and moisture barrier resistance is expected to fuel growth of the target market over the forecast period.



Machinery Photographs



Standard Mould/ Dies



Automatic Stacker



Scrap Aspirator



Lid Punching Machine

Project at a Glance

PROJECT AT A GLANCE

(Rs. in lacs)

| COST OF PROJECT | | | | MEANS OF FINANCE | | | |
|---------------------------------|-------------|---------------|---------------|------------------------------|-------------|---------------|---------------|
| Particulars | Existing | Proposed | Total | Particulars | Existing | Proposed | Total |
| Land & Site Development Exp. | 0.00 | 50.00 | 50.00 | Capital | 0.00 | 92.17 | 92.17 |
| Buildings | 0.00 | 103.80 | 103.80 | Share Premium | 0.00 | 0.00 | 0.00 |
| Plant & Machineries | 0.00 | 61.00 | 61.00 | Other Type Share | | | |
| Motor Vehicles | 0.00 | 10.00 | 10.00 | Capital | 0.00 | 0.00 | 0.00 |
| Office Automation Equipments | 0.00 | 36.50 | 36.50 | Reserves & Surplus | 0.00 | 0.00 | 0.00 |
| Technical Knowhow Fees & Exp. | 0.00 | 15.00 | 15.00 | Cash Subsidy | 0.00 | 0.00 | 0.00 |
| Franchise & Other Deposits | 0.00 | 0.00 | 0.00 | Internal Cash Accruals | 0.00 | 0.00 | 0.00 |
| Preliminary & Pre-operative Exp | 0.00 | 5.00 | 5.00 | Long/Medium Term Borrowings | 0.00 | 276.52 | 276.52 |
| Provision for Contingencies | 0.00 | 6.00 | 6.00 | Debentures / Bonds Unsecured | 0.00 | 0.00 | 0.00 |
| Margin Money - Working Capital | 0.00 | 81.39 | 81.39 | Loans/Deposits | 0.00 | 0.00 | 0.00 |
| TOTAL | 0.00 | 368.69 | 368.69 | TOTAL | 0.00 | 368.69 | 368.69 |

Project at a Glance

| Year | Annualised | | Book Value | Debt | Dividend | Retained Earnings | | Payout | Probable Market Price | P/E Ratio | Yield Price/Book Value |
|------|------------|-------|------------|-------|-----------|-------------------|-------|--------|-----------------------|-------------|------------------------|
| | EPS | CEPS | Per Share | | Per Share | Per Share | | | | No.of Times | |
| | Rs | Rs | Rs | Rs | Rs | % | Rs | % | Rs | | % |
| 1-2 | 7.02 | 9.98 | 17.02 | 24.00 | 0.00 | 100.00 | 7.02 | 0.00 | 7.02 | 1.00 | 0.00 |
| 2-3 | 9.63 | 12.25 | 26.65 | 18.00 | 0.00 | 100.00 | 9.63 | 0.00 | 9.63 | 1.00 | 0.00 |
| 3-4 | 12.35 | 14.67 | 39.00 | 12.00 | 0.00 | 100.00 | 12.35 | 0.00 | 12.35 | 1.00 | 0.00 |
| 4-5 | 15.02 | 17.07 | 54.02 | 6.00 | 0.00 | 100.00 | 15.02 | 0.00 | 15.02 | 1.00 | 0.00 |
| 5-6 | 17.61 | 19.44 | 71.63 | 0.00 | 0.00 | 100.00 | 17.61 | 0.00 | 17.61 | 1.00 | 0.00 |

Project at a Glance

| Year | D. S. C. R. | | | Debt / Equity - Deposits Debt | Equity as-Equity | Total Net Worth | Return on Net Worth | Profitability Ratio | | | | | Assets Turnover Ratio | Current Ratio |
|---------|-------------------|------------|---------|-------------------------------|------------------|-----------------|---------------------|---------------------|-------|--------|------------------|-----------|-----------------------|---------------|
| | Individual | Cumulative | Overall | | | | | GPM | PBT | PAT | Net Contribution | P/V Ratio | | |
| | (Number of times) | | | (Number of times) | | % | % | % | % | % | % | | | |
| Initial | | | | 3.00 | 3.00 | | | | | | | | | |
| 1-2 | 1.43 | 1.43 | | 1.41 | 1.41 | 5.37 | 4.26% | 2.22% | 1.47% | 300.72 | 6.82% | 4.47 | 1.09 | |
| 2-3 | 1.73 | 1.57 | | 0.68 | 0.68 | 3.59 | 4.51% | 2.68% | 1.73% | 348.60 | 6.78% | 4.61 | 1.16 | |
| 3-4 | 2.10 | 1.73 | 2.10 | 0.31 | 0.31 | 2.59 | 4.68% | 3.04% | 1.94% | 398.34 | 6.78% | 4.59 | 1.23 | |
| 4-5 | 2.54 | 1.91 | | 0.11 | 0.11 | 1.96 | 4.80% | 3.30% | 2.09% | 448.09 | 6.78% | 4.51 | 1.31 | |
| 5-6 | 3.08 | 2.10 | | 0.00 | 0.00 | 1.55 | 4.87% | 3.49% | 2.21% | 497.83 | 6.78% | 4.38 | 1.47 | |

Project at a Glance

BEP

| | |
|---|------------------|
| BEP - Maximum Utilisation Year | 5 |
| Cash BEP (% of Installed Capacity) | 44.99% |
| Total BEP (% of Installed Capacity) | 48.38% |
| IRR, PAYBACK and FACR | |
| Internal Rate of Return .. (In %age) | 30.79% |
| Payback Period of the Project is (In Years) | 2 Years 4 Months |
| Fixed Assets Coverage Ratio (No. of times) | 41.060 |

Major Queries/Questions Answered in the Report?

- 1. What is Aluminium Foil Containers Manufacturing industry ?**
- 2. How has the Aluminium Foil Containers Manufacturing industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of Aluminium Foil Containers Manufacturing Plant ?**
- 4. What are the requirements of Working Capital for setting up Aluminium Foil Containers Manufacturing plant ?**

- 5. What is the structure of the Aluminium Foil Containers Manufacturing Business and who are the key/major players ?**
- 6. What is the total project cost for setting up Aluminium Foil Containers Manufacturing Business?**
- 7. What are the operating costs for setting up Aluminium Foil Containers Manufacturing plant ?**
- 8. What are the machinery and equipment requirements for setting up Aluminium Foil Containers Manufacturing plant ?**

9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Aluminium Foil Containers Manufacturing plant ?

10. What are the requirements of raw material for setting up Aluminium Foil Containers Manufacturing plant ?

11. Who are the Suppliers and Manufacturers of Raw materials for setting up Aluminium Foil Containers Manufacturing Business?

12. What is the Manufacturing Process of Aluminium Foil Containers ?



- 13. What is the total size of land required for setting up Aluminium Foil Containers Manufacturing plant ?**
- 14. What will be the income and expenditures for Aluminium Foil Containers Manufacturing Business?**
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Reasons for Buying our Report:

- **This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **This report provides vital information on the product like it's characteristics and segmentation**
- **This report helps you market and place the product correctly by identifying the target customer group of the product**

- **This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**

Our Approach:

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**

Scope of the Report

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Aluminium Foil Containers.” provides an insight into Aluminium Foil Containers market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Aluminium Foil Containers project. The report assesses the market sizing and growth of the Indian Aluminium Foil Containers Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Aluminium Foil Containers sector in India along with its business prospects. Through this report we have identified Aluminium Foil Containers project as a lucrative investment avenue.

Tags

Aluminium Foil Container Production, Aluminum Foil Container Manufacture, Aluminium Foil Container Manufacturing Plant, How to Manufacturing Aluminium Foil Containers, Aluminium Foil, Food Packaging Foil Manufacturing Plant, Foil Container Making, Production of Aluminum Foil Containers, Aluminium Foil Container Manufacturing Project Report, Aluminium Foil Container Making Unit, Aluminium Foil Manufacturing Plant Cost, Aluminium Foil Manufacturing Project Report Pdf, Aluminium Foil Containers Market Size, Aluminium Foil Plant Cost, Project Report on Aluminium Foil Container Production, Manufacture of Aluminium Foil Containers, Production Process of Aluminum Foil Container, How Aluminum Foil is Made, Aluminum Foil Container Production, Aluminum Foil & Packaging, Aluminium in Packaging Industry, Production of Aluminum Kitchen Foil and Aluminium Containers, Packaging Industry, Aluminium Foil Manufacture, Manufacturing of Aluminium Foil Containers, Aluminium Packaging, Factory for Aluminium Foil Containers & Packaging, Aluminium Foil Container Making Plant, Aluminum Foil Manufacturing for Flexible Packaging, Aluminium Foil Containers for Food Packaging, Aluminum Foil Container Making Project Report, Food Packaging, Manufacture of Packaging Products,

Aluminum Foil Food Container Production, Food Packaging Industry, Aluminium Foil Container Production project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Aluminium Foil Container Production Based Small Scale Industries Projects, Project profile on small scale industries, How to Start Aluminium Foil Container Production Industry in India, Aluminium Foil Container Production Projects, New project profile on Aluminium Foil Container Production industries, Project Report on Aluminium Foil Container Production Industry, Detailed Project Report on Aluminium Foil Container Production, Project Report on Aluminium Foil Container Production, Pre-Investment Feasibility Study on Aluminium Foil Container Production, Techno-Economic feasibility study on Aluminium Foil Container Production, Feasibility report on Aluminium Foil Container Production, Free Project Profile on Aluminium Foil Container Production, Project profile on Aluminium Foil Container Production, Download free project profile on Aluminium Foil Container Production, Startup Project for Aluminium Foil Container Production, Project report for bank loan, Project report for bank finance, Project report format for bank loan in excel, Excel Format of Project Report and CMA Data, Project Report Bank Loan Excel, Production of Aluminum Food Containers

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**Manufacturing of Aluminum Foil
Containers.**

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Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.



And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

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- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,



Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects.....[Read more](#)



Contact us

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Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*



We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.



We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.



What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Business Plan*
- *Technology Books and Directory*
- *Industry Trend*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*



How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*



Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation



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