



Business and Investment Opportunities in Aluminium Foil Rolling Mill With Production of Aluminium Pilfer Proof (PP) Caps

Introduction

Aluminium foil provides various benefits to the food and packaging industries. The consumers can heat or freeze food items in the foil container directly. Aluminium foil packaging material is a part of the flexible packaging material and is generally formed using aluminium sheets. Aluminium foil can be utilized to wrap around any product for packaging functions. It is produced through the regular casting and cold calling. Aluminium foil packaging is a sort of packaging, which arranges a resistant barrier to safeguard food, beverage, cosmetics and pharmaceuticals and helps in waste reduction.



Aluminium packaging is extremely corrosion-resistant and chemically neutral. Moreover, it is hygienic and non-toxic in nature. The raw materials for aluminium foil packaging is produced utilizing aluminium sheets and it is a part of stretchable packaging material. The major users of aluminium foil packaging include pharmaceuticals, food and beverage industries. Aluminium foil wrap is produced through regular casting and cold rolling and thus it is favorable to be utilized to enclose around any product for packaging functions.



Aluminum foils are easy to use, recyclable and consumer friendly product. Consumers can directly heat or freeze food products in the foil container. Its applications include personal care, confectionery, healthcare, beverage and varied industrial usage. It is widely used by food industry to pack roasting pans, baking pans, pizza pans, and cookie sheets. It comes in various sizes and shapes and can be easily customized to suit customer demand.

Aluminum foil is considered to be a good source of packaging material as it results in longer shelf-life of end products.

Aluminium foil can be divided by shape rolled aluminium foil and sheet of aluminium foil. Aluminium foil deep processing of wool roll most is supply, only a handful of handicraft industry with flake aluminium foil packing occasions. Hard foil, aluminium foil according to the state can be divided into half hard foil and soft foil.

Aluminium Foils

Demand : Past and Future

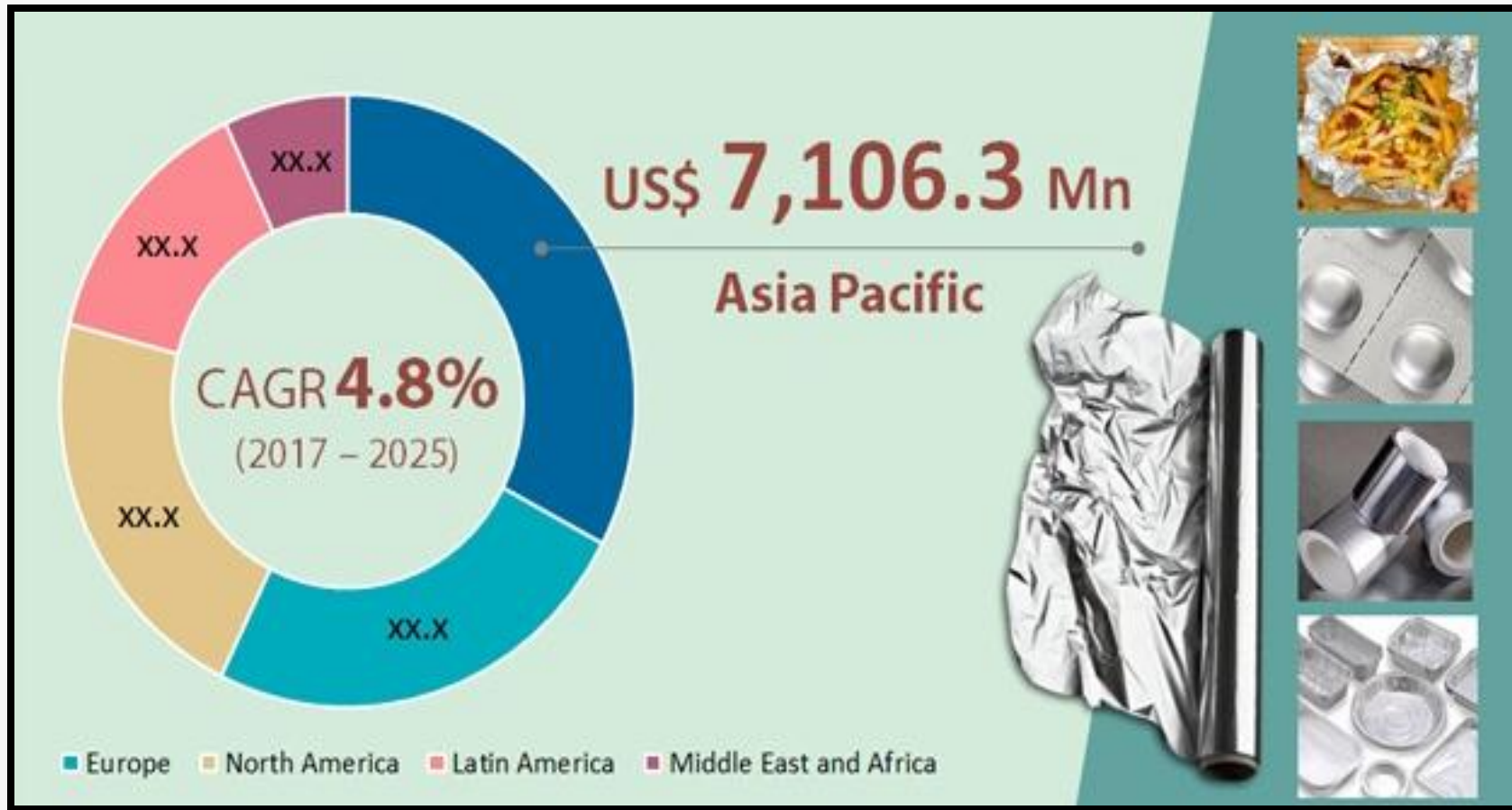
Year	(In '000 Metric Tonne)
1990-91	8.50
2000-01	46.70
2001-02	58.60
2002-03	55.20
2003-04	60.00
2004-05	65.20
2005-06	70.70
2006-07	76.40
2007-08	82.50
2008-09	88.70
2009-10	94.90
2010-11	101.60
2011-12	105.50
2012-13	107.20
2013-14	115.30
2014-15	125.40
2015-16	134.00
2016-17	139.80
2017-18	152.90
2018-19	163.70
2019-20	175.00
2024-25	235.50

India, one of the fastest growing economies in the world is seeing a steady GDP growth in recent years. Owing to strong economic growth and increasing middle class with growing disposable income, consumption of aluminium foil is growing fast in India. The change in life style which includes changed food habits has led to increased demand for foil packaging. Growing demand for ready to eat confectionaries and pharmaceutical products is another major growth drivers for aluminium foils industry in India.



The demand in the global aluminum foil packaging market is anticipated to increment at a CAGR of 4.8% during the forecast period of 2017 to 2025. This prosperity of the market for aluminum foil packaging is a reflection of a number of factors, such as high preference for convenience packaging, growing demand for extended shelf-life of packaged food, popularity of ready-to-eat meals and processed food, and growing usage in pharmaceutical products and confectionaries. On the other hand, the lack of proper recycling processes in a number of countries and competition from alternatives are a few obstructions faced by the global aluminum foil packaging market. Nevertheless, growing emphasis on ecofriendly packaging and foray by the key companies in the emerging economies is expected to open new opportunities in the aluminum foil packaging market.

Global Aluminium Foil Packaging Market Revenue, By Region, 2017 (US\$ Mn)



The global aluminum foil market is poised to show strong growth over the forecast period. The packaging industry is anticipated to demonstrate persistently steady development at a considerable volume. The year on year demand for the aluminum foil market is expected to exceed 4%.

The use and demand for aluminum foil in pharmaceutical and drug industry is poised to grow at a faster rate than any other sector which may be primarily attributed to increasing demand to secure medicines safely. It is followed by increased demand across food packaging industry which includes railway catering services and chocolate production. Usage of aluminum in the manufacture of lamitudes is anticipated to increase as lamitudes might replace collapsible tubes in the future. In the case of milk, the consumption of foil for making milk cap bottles may decline over the next few years as milk tetra pack are expected to replace the milk bottle market.

Robust economic growth along with rising middle population with inclining personal disposable income is anticipated to intensify the growth of global aluminium foil packaging market during the forecast period. The change in life style which includes changed food habits has led to inclining demand for packaging.

Pilfer Proof caps are meant to provide to the contents in a container protection against substitution, adulteration or pilfering. Once the PP cap is fixed on the package it is ordinarily not possible to tamper with the contents of the package without destroying the special device in the closure which is intended to provide such protection.



Aluminum Pilfer Proof Caps are essential items in the liquid packaging industry. Pharmaceuticals, Chemicals, Food industries and Distilleries as glass bottle closures are the major consuming sectors. Pilfer proof caps provide protections to a container against substitution, adulteration or pilfering.

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Pilfer proofs caps can be manufactured in Small Scale Industry (SSI) as well as medium scale units except that in medium scale, a full and automation is available which gives rise to very rapid production.

The demand for pilfer-proof caps are directly linked with the growth and expansion of its consumer industries. Since there is a continuous increase in the industries manufacturing medicines, aerated water, hair oil, soft and hard drinks, the demand of these items is on increase.

The aluminum caps & closures market size will grow from USD 5.58 Billion in 2018 to USD 6.80 Billion by 2023, at an estimated CAGR of 4.05%

The aluminum caps & closures market is expected to witness high growth as a result of the growing end-use industry such as beverage and healthcare as well as the rising concerns toward product quality and safety. Aluminum caps & closures seal the content within the container and allow appropriate dispense of the contents.

Machinery Photographs



High Cold Mill



Separator



Annealing Furnace



Wet Lamination Machine



Project at a Glance

PROJECT AT A GLANCE				(in lacs)			
COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	55.00	55.00	Capital	0.00	273.03	273.03
Buildings	0.00	90.60	90.60	Share Premium	0.00	0.00	0.00
				Other Type Share			
Plant & Machineries	0.00	669.00	669.00	Capital	0.00	0.00	0.00
Motor Vehicles	0.00	8.00	8.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	86.25	86.25	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	20.00	20.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	819.08	819.08
Preliminary& Pre-operative Exp	0.00	3.00	3.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	65.00	65.00	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	95.25	95.25				
TOTAL	0.00	1092.10	1092.10	TOTAL	0.00	1092.10	1092.10

Project at a Glance

Year	Annualised		Book Value	Debt	Divide nd	Retained Earnings		Payou t	Probab le Market Price	P/E Ratio	Yield Price/ Book Value
	EPS	CEPS	Per Share		Per Share	Per Share				No.of Times	
	`	`	`	`	`	%	`	%	`		%
1-2	5.09	9.87	15.09	24.00	0.00	100.00	5.09	0.00	5.09	1.00	0.00
2-3	7.52	11.63	22.61	18.00	0.00	100.00	7.52	0.00	7.52	1.00	0.00
3-4	10.01	13.55	32.62	12.00	0.00	100.00	10.01	0.00	10.01	1.00	0.00
4-5	12.49	15.53	45.11	6.00	0.00	100.00	12.49	0.00	12.49	1.00	0.00
5-6	14.93	17.55	60.04	0.00	0.00	100.00	14.93	0.00	14.93	1.00	0.00

Project at a Glance

Year	D. S. C. R.			Debt / Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio
	Individual	Cumulative	Overall	- Deposits Debt	as-Equity		GPM	PBT	PAT	Net Contribution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%	%		
Initial				3.00	3.00								
1-2	1.42	1.42		1.59	1.59	3.18	6.72%	3.59%	2.81%	748.70	15.16%	2.90	1.05
2-3	1.65	1.53		0.80	0.80	2.02	7.74%	5.19%	3.56%	873.40	15.15%	3.12	1.21
3-4	1.96	1.66	1.97	0.37	0.37	1.33	8.43%	6.36%	4.15%	998.17	15.15%	3.19	1.39
4-5	2.33	1.81		0.13	0.13	0.92	8.92%	7.20%	4.60%	1122.94	15.15%	3.15	1.58
5-6	2.79	1.97		0.00	0.00	0.65	9.25%	7.82%	4.95%	1247.71	15.15%	3.05	2.06

Project at a Glance

BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	42.65%
Total BEP (% of Installed Capacity)	48.38%
IRR, PAYBACK and FACR	
Internal Rate of Return .. (In %age)	26.63%
Payback Period of the Project is (In Years)	2 Years 3 Months
Fixed Assets Coverage Ratio (No. of times)	15.599

Major Queries/Questions Answered in the Report?

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

- 5. What is the structure of the Aluminium Foil Rolling Mill with PP Caps Manufacturing Business and who are the key/major players ?**
- 6. What is the total project cost for setting up Aluminium Foil Rolling Mill with PP Caps Manufacturing Business?**
- 7. What are the operating costs for setting up Aluminium Foil Rolling Mill with PP Caps Manufacturing plant ?**
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- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Aluminium Foil Rolling Mill with PP Caps Manufacturing plant ?**
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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 Rolling Mill with PP Caps.” provides an insight into Aluminium Foil Rolling Mill with PP Caps market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Aluminium Foil Rolling Mill with PP Caps project. The report assesses the market sizing and growth of the Indian Aluminium Foil Rolling Mill with PP Caps 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 Rolling Mill with PP Caps sector in India along with its business prospects. Through this report we have identified Aluminium Foil Rolling Mill with PP Caps project as a lucrative investment avenue.

Tags

Foil Rolling Mill, Aluminium Rolling Mill, Aluminium Foil Rolling Mills, Aluminium Foil Rolling, Aluminium Foil Mill Plant, Aluminum Rolling Mill Process, Aluminium Cold Rolling Process, Aluminium Rolling Mill Project Report Pdf, Aluminium Rolling: Processes, Principles & Applications, Rolling Aluminum: from the Mine through the Mill, Small Aluminum Foil Rolling Mill, How Aluminum Foil is Made, Foil Rolling Mills for Small and Medium Production, Aluminum Foil & Packaging, Aluminium Foil Production, Aluminum Foil is Produced by Rolling Aluminum, Aluminium Foil Manufacturing Process, Aluminium Foil Manufacturing Process Pdf, Making Aluminum Foil, Aluminium Foil, Food Packaging Foil Manufacturing Plant, Aluminium Foil Making, Manufacturing of Aluminum Foil, Aluminium Foil and Packaging, Aluminum Foil Manufacturing, Pilfer Proof Caps Making Business Plan, Pilfer Proof Caps, Aluminium Pilfer Proof Caps Manufacture, Aluminium Pilfer Proof Caps Manufacturing Plant, Pilfer-Proof Closure Cap of Plastic Material, Pilfer Proof PP Cap Making, Pilfer Proof Cap Manufacture, Aluminium Bottle Caps,



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Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Contact us

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