

Global Metal Foam Market Size study, by Material (Aluminum, Copper, Nickel and others), by Application (Anti-Intrusion Bars, Heat Exchangers, Sound Insulation and others), by End-Use Industry (Automotive, Construction & Infrastructure, Industrial and others) and Regional Forecasts 2019-2026

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Abstracts

Global Metal Foam Market is valued approximately at USD 80.61 million in 2018 and is anticipated to grow with a healthy growth rate of more than 4.2 % over the forecast period 2019-2026. Metal Foams belong to a new class of materials which are produced by introducing air bubbles inside metallic melts. It makes the material highly porous which helps in manufacturing metal foams with different percentages and densities. These Metal foams incorporate structured cellular material which act as cushion, insulation, vibration damping and as a packaging material. These are mainly used for manufacturing automobile body sheets and structural parts. It helps to reduce the number of moving parts in the car frame and improves performance. Further, with the increasing industrial growth in every sector like machineries, marine, military, automotive, construction, the metal foams market is expected to progress rapidly over the forecast period. For Instance: Mayser GmbH in December 2017 invested in an establishment of a new factory in Michigan, US for construction on about 59 thousand-meter squares of the land to cope with the increasing demand in the automotive sector. The factory also develops metal foam products which uses in non-automotive sector. Also, the environmental regulations regarding automotive emissions and industrial emissions due to the vehicles and machines used are to drive the market for Metal Foams as these materials due to low weight offer increased efficiency and low emissions. These benefits namely, cost-benefit, low weight, and thermal conductivity increase utilization of metal foams in the sector. Also, with the metal foams finding

application in medical research through Ti-based dental implants and many such surgeries is expected to fuel the demand for Metal Foams.

The regional analysis of global Metal Foam market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia-Pacific is the leading/significant region across the world in terms of market share owing to increased urbanization rate in the developing countries in the region which propels the demand for light weight vehicles and further increasing industrial manufacturing in the region is fueling the demand for metal foams. Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2019-2026. Factors such as Proliferation in construction activities due to the increasing per capita income coupled with improving living standards are boosting the spending on construction in developing nations would create lucrative growth prospects for the Metal Foam market across Asia-Pacific region.

Major market player included in this report are:

ERG Aerospace Corporation (US)

CYMAT Technologies Ltd. (Canada)

Alantum (South Korea)

Mott Corporation (US)

Liaoning Rontec Advanced Material Technology Co., Ltd. (China)

Shanxi Putai Aluminum Foam Manufacturing Co., Ltd. (China)

Mayser GmbH & Co. KG (Germany)

Ultramet (US)

Aluminum King Co., Ltd (China)

Pohltec Metalfoam GmbH (Germany)

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Material:

Aluminium

Nickel

Copper

Others (Tantalum, Tungsten)

By Application:

Anti-intrusion Bars

Heat Exchangers

Sound Insulation

Others (Railway Buffer, Medical Implants)

By End-Use Industry:

Automotive

Construction & Infrastructure

Industrial

Others (Aerospace, Defence, Medical)

By Region:

North America

U.S.

Canada

Europe

UK

Germany

Asia Pacific

China

India

Japan

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2016, 2017

Base year – 2018

Forecast period – 2019 to 2026

Target Audience of the Global Metal Foam Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investor

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2017-2026 (USD Million)
 - 1.2.1. Metal Foam Market, by Region, 2017-2026 (USD Million)
 - 1.2.2. Metal Foam Market, by Material, 2017-2026 (USD Million)
 - 1.2.3. Metal Foam Market, by Application, 2017-2026 (USD Million)
 - 1.2.4. Metal Foam Market, by End-Use Industry 2017-2026 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL METAL FOAM MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL METAL FOAM MARKET DYNAMICS

- 3.1. Metal Foam Market Impact Analysis (2018-2026)
 - 3.1.1. Market Drivers
 - 3.1.2. Market Challenges
 - 3.1.3. Market Opportunities

CHAPTER 4. GLOBAL METAL FOAM MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2016-2026)

- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL METAL FOAM MARKET, BY MATERIAL

- 5.1. Market Snapshot
- 5.2. Global Metal Foam Market by Material, Performance - Potential Analysis
- 5.3. Global Metal Foam Market Estimates & Forecasts by Material 2016-2026 (USD Million)
- 5.4. Metal Foam Market, Sub Segment Analysis
 - 5.4.1. Aluminium
 - 5.4.2. Nickel
 - 5.4.3. Copper
 - 5.4.4. Others (Tantalum, Tungsten)

CHAPTER 6. GLOBAL METAL FOAM MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Metal Foam Market by Application, Performance - Potential Analysis
- 6.3. Global Metal Foam Market Estimates & Forecasts by Application 2016-2026 (USD Million)
- 6.4. Metal Foam Market, Sub Segment Analysis
 - 6.4.1. Anti-intrusion Bars
 - 6.4.2. Heat Exchangers
 - 6.4.3. Sound Insulation
 - 6.4.4. Others (Railway Buffer, Medical Implants)

CHAPTER 7. GLOBAL METAL FOAM MARKET, BY END-USE INDUSTRY

- 7.1. Market Snapshot
- 7.2. Global Metal Foam Market by End-Use Industry , Performance - Potential Analysis
- 7.3. Global Metal Foam Market Estimates & Forecasts by End-Use Industry 2016-2026 (USD Million)
- 7.4. Metal Foam Market, Sub Segment Analysis

- 7.4.1. Automotive
- 7.4.2. Construction & Infrastructure
- 7.4.3. Industrial
- 7.4.4. Others (Aerospace, Defence, Medical)

CHAPTER 8. GLOBAL METAL FOAM MARKET, REGIONAL ANALYSIS

- 8.1. Metal Foam Market, Regional Market Snapshot
- 8.2. North America Metal Foam Market
 - 8.2.1. U.S. Metal Foam Market
 - 8.2.1.1. Material breakdown estimates & forecasts, 2016-2026
 - 8.2.1.2. Application breakdown estimates & forecasts, 2016-2026
 - 8.2.1.3. End Use Industry breakdown estimates & forecasts, 2016-2026
 - 8.2.2. Canada Metal Foam Market
- 8.3. Europe Metal Foam Market Snapshot
 - 8.3.1. U.K. Metal Foam Market
 - 8.3.2. Germany Metal Foam Market
 - 8.3.3. Rest of Europe Metal Foam Market
- 8.4. Asia-Pacific Metal Foam Market Snapshot
 - 8.4.1. China Metal Foam Market
 - 8.4.2. India Metal Foam Market
 - 8.4.3. Japan Metal Foam Market
 - 8.4.4. Rest of Asia Pacific Metal Foam Market
- 8.5. Latin America Metal Foam Market Snapshot
 - 8.5.1. Brazil Metal Foam Market
 - 8.5.2. Mexico Metal Foam Market
- 8.6. Rest of The World Metal Foam Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies
- 9.2. Company Profiles
 - 9.2.1. ERG Aerospace Corporation (US)
 - 9.2.1.1. Key Information
 - 9.2.1.2. Overview
 - 9.2.1.3. Financial (Subject to Data Availability)
 - 9.2.1.4. Product Summary
 - 9.2.1.5. Recent Developments
 - 9.2.2. CYMAT Technologies Ltd. (Canada)

- 9.2.3. Alantum (South Korea)
- 9.2.4. Mott Corporation (US)
- 9.2.5. Liaoning Rontec Advanced Material Technology Co., Ltd. (China)
- 9.2.6. Shanxi Putai Aluminum Foam Manufacturing Co., Ltd. (China)
- 9.2.7. Mayser GmbH & Co. KG (Germany)
- 9.2.8. Ultramet (US)
- 9.2.9. Aluminum King Co., Ltd (China)
- 9.2.10. Pohltec Metalfoam GmbH (Germany)

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. LIST OF SECONDARY SOURCES, USED IN THE STUDY OF GLOBAL METAL FOAM MARKET

TABLE 2. LIST OF PRIMARY SOURCES, USED IN THE STUDY OF GLOBAL METAL FOAM MARKET

TABLE 3. GLOBAL METAL FOAM MARKET, REPORT SCOPE

TABLE 4. YEARS CONSIDERED FOR THE STUDY

TABLE 5. EXCHANGE RATES CONSIDERED

TABLE 6. GLOBAL METAL FOAM MARKET ESTIMATES & FORECASTS BY REGION 2016-2026 (USD MILLION)

TABLE 7. GLOBAL METAL FOAM MARKET ESTIMATES & FORECASTS BY MATERIAL 2016-2026 (USD MILLION)

TABLE 8. GLOBAL METAL FOAM MARKET ESTIMATES & FORECASTS BY APPLICATION 2016-2026 (USD MILLION)

TABLE 9. GLOBAL METAL FOAM MARKET ESTIMATES & FORECASTS BY END-USE INDUSTRY 2016-2026 (USD MILLION)

TABLE 10. GLOBAL METAL FOAM MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD MILLION)

TABLE 11. GLOBAL METAL FOAM MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD MILLION)

TABLE 12. GLOBAL METAL FOAM MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD MILLION)

TABLE 13. GLOBAL METAL FOAM MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD MILLION)

TABLE 14. GLOBAL METAL FOAM MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD MILLION)

TABLE 15. GLOBAL METAL FOAM MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD MILLION)

TABLE 16. GLOBAL METAL FOAM MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD MILLION)

TABLE 17. GLOBAL METAL FOAM MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD MILLION)

TABLE 18. GLOBAL METAL FOAM MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD MILLION)

TABLE 19. GLOBAL METAL FOAM MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD MILLION)

TABLE 20. U.S. METAL FOAM MARKET ESTIMATES & FORECASTS, 2016-2026
(USD MILLION)

TABLE 21. U.S. METAL FOAM MARKET ESTIMATES & FORECASTS BY SEGMENT
2016-2026 (USD MILLION)

TABLE 22. U.S. METAL FOAM MARKET ESTIMATES & FORECASTS BY SEGMENT
2016-2026 (USD MILLION)

TABLE 23. CANADA METAL FOAM MARKET ESTIMATES & FORECASTS,
2016-2026 (USD MILLION)

TABLE 24. CANADA METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 25. CANADA METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 26. UK METAL FOAM MARKET ESTIMATES & FORECASTS, 2016-2026
(USD MILLION)

TABLE 27. UK METAL FOAM MARKET ESTIMATES & FORECASTS BY SEGMENT
2016-2026 (USD MILLION)

TABLE 28. UK METAL FOAM MARKET ESTIMATES & FORECASTS BY SEGMENT
2016-2026 (USD MILLION)

TABLE 29. GERMANY METAL FOAM MARKET ESTIMATES & FORECASTS,
2016-2026 (USD MILLION)

TABLE 30. GERMANY METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 31. GERMANY METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 32. ROE METAL FOAM MARKET ESTIMATES & FORECASTS, 2016-2026
(USD MILLION)

TABLE 33. ROE METAL FOAM MARKET ESTIMATES & FORECASTS BY SEGMENT
2016-2026 (USD MILLION)

TABLE 34. ROE METAL FOAM MARKET ESTIMATES & FORECASTS BY SEGMENT
2016-2026 (USD MILLION)

TABLE 35. CHINA METAL FOAM MARKET ESTIMATES & FORECASTS, 2016-2026
(USD MILLION)

TABLE 36. CHINA METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 37. CHINA METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 38. INDIA METAL FOAM MARKET ESTIMATES & FORECASTS, 2016-2026
(USD MILLION)

TABLE 39. INDIA METAL FOAM MARKET ESTIMATES & FORECASTS BY

SEGMENT 2016-2026 (USD MILLION)

TABLE 40. INDIA METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 41. JAPAN METAL FOAM MARKET ESTIMATES & FORECASTS, 2016-2026
(USD MILLION)

TABLE 42. JAPAN METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 43. JAPAN METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 44. ROAPAC METAL FOAM MARKET ESTIMATES & FORECASTS,
2016-2026 (USD MILLION)

TABLE 45. ROAPAC METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 46. ROAPAC METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 47. BRAZIL METAL FOAM MARKET ESTIMATES & FORECASTS, 2016-2026
(USD MILLION)

TABLE 48. BRAZIL METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 49. BRAZIL METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 50. MEXICO METAL FOAM MARKET ESTIMATES & FORECASTS, 2016-2026
(USD MILLION)

TABLE 51. MEXICO METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 52. MEXICO METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 53. ROLA METAL FOAM MARKET ESTIMATES & FORECASTS, 2016-2026
(USD MILLION)

TABLE 54. ROLA METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 55. ROLA METAL FOAM MARKET ESTIMATES & FORECASTS BY
SEGMENT 2016-2026 (USD MILLION)

TABLE 56. ROW METAL FOAM MARKET ESTIMATES & FORECASTS, 2016-2026
(USD MILLION)

TABLE 57. ROW METAL FOAM MARKET ESTIMATES & FORECASTS BY SEGMENT
2016-2026 (USD MILLION)

TABLE 58. ROW METAL FOAM MARKET ESTIMATES & FORECASTS BY SEGMENT
2016-2026 (USD MILLION)

List Of Figures

LIST OF FIGURES

- FIG 1. GLOBAL METAL FOAM MARKET, RESEARCH METHODOLOGY
- FIG 2. GLOBAL METAL FOAM MARKET, MARKET ESTIMATION TECHNIQUES
- FIG 3. GLOBAL MARKET SIZE ESTIMATES & FORECAST METHODS
- FIG 4. GLOBAL METAL FOAM MARKET, KEY TRENDS 2018
- FIG 5. GLOBAL METAL FOAM MARKET, GROWTH PROSPECTS 2019-2026
- FIG 6. GLOBAL METAL FOAM MARKET, PORTERS 5 FORCE MODEL
- FIG 7. GLOBAL METAL FOAM MARKET, PEST ANALYSIS
- FIG 8. GLOBAL METAL FOAM MARKET, VALUE CHAIN ANALYSIS
- FIG 9. GLOBAL METAL FOAM MARKET BY SEGMENT, 2016 & 2026 (USD MILLION)
- FIG 10. GLOBAL METAL FOAM MARKET BY SEGMENT, 2016 & 2026 (USD MILLION)
- FIG 11. GLOBAL METAL FOAM MARKET BY SEGMENT, 2016 & 2026 (USD MILLION)
- FIG 12. GLOBAL METAL FOAM MARKET BY SEGMENT, 2016 & 2026 (USD MILLION)
- FIG 13. GLOBAL METAL FOAM MARKET BY SEGMENT, 2016 & 2026 (USD MILLION)
- FIG 14. GLOBAL METAL FOAM MARKET, REGIONAL SNAPSHOT 2016 & 2026
- FIG 15. NORTH AMERICA METAL FOAM MARKET 2016 & 2026 (USD MILLION)
- FIG 16. EUROPE METAL FOAM MARKET 2016 & 2026 (USD MILLION)
- FIG 17. ASIA PACIFIC METAL FOAM MARKET 2016 & 2026 (USD MILLION)
- FIG 18. LATIN AMERICA METAL FOAM MARKET 2016 & 2026 (USD MILLION)
- FIG 19. GLOBAL METAL FOAM MARKET, COMPANY MARKET SHARE ANALYSIS (2018)

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