

# Global Metal Film Heating Components Supply, Demand and Key Producers, 2024-2030

https://marketpublishers.com/r/GEECA1FA658EEN.html

Date: March 2024 Pages: 176 Price: US\$ 4,480.00 (Single User License) ID: GEECA1FA658EEN

# Abstracts

The global Metal Film Heating Components market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

Metal Film Heating Components made from metal films or foils. These heaters are designed to generate heat when an electric current passes through them, offering advantages such as flexibility, even heat distribution, and rapid heating capabilities.

This report studies the global Metal Film Heating Components production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Metal Film Heating Components, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Metal Film Heating Components that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Metal Film Heating Components total production and demand, 2019-2030, (K Units)

Global Metal Film Heating Components total production value, 2019-2030, (USD Million)

Global Metal Film Heating Components production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Units)



Global Metal Film Heating Components consumption by region & country, CAGR, 2019-2030 & (K Units)

U.S. VS China: Metal Film Heating Components domestic production, consumption, key domestic manufacturers and share

Global Metal Film Heating Components production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Units)

Global Metal Film Heating Components production by Type, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Metal Film Heating Components production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Units).

This reports profiles key players in the global Metal Film Heating Components market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Honeywell, Chromalox, CANATU, Matsuzaki Kougaku Seimitsu Glass Co., Ltd., Alper, Omega Engineering Inc, Watlow Semiconductor, IHP and Therm-x, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Metal Film Heating Components market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global Metal Film Heating Components Market, By Region:



United States China Europe Japan South Korea ASEAN India Rest of World

Global Metal Film Heating Components Market, Segmentation by Type

PET PEN PI

Global Metal Film Heating Components Market, Segmentation by Application

| Αι | utomotive    |
|----|--------------|
| Ae | erospace     |
| Se | emiconductor |
| M  | edical       |
| In | dustrial     |
| Ot | thers        |
|    |              |



**Companies Profiled:** 

Honeywell

Chromalox

CANATU

Matsuzaki Kougaku Seimitsu Glass Co., Ltd.

Alper

Omega Engineering Inc

Watlow Semiconductor

IHP

Therm-x

Minco Products

Nanotech Digital GmbH

Fralock

MIYO Technology Co., Ltd

Thermo Heating Elements, LLC

Acra

**NEL Technologies** 

**Tempco Electric Heater Corporation** 

**Durex Industries** 



Flexitech

**Hi-Heat Industries** 

All Flex

Holroyd Components

TECAM

Shirai Electronics Industrial Co.,Ltd.

CHASM

Linepro Controls Pvt Ltd.

Jaye Industry Co.,Ltd

Key Questions Answered

1. How big is the global Metal Film Heating Components market?

2. What is the demand of the global Metal Film Heating Components market?

3. What is the year over year growth of the global Metal Film Heating Components market?

4. What is the production and production value of the global Metal Film Heating Components market?

5. Who are the key producers in the global Metal Film Heating Components market?



# Contents

#### **1 SUPPLY SUMMARY**

- 1.1 Metal Film Heating Components Introduction
- 1.2 World Metal Film Heating Components Supply & Forecast
- 1.2.1 World Metal Film Heating Components Production Value (2019 & 2023 & 2030)
- 1.2.2 World Metal Film Heating Components Production (2019-2030)
- 1.2.3 World Metal Film Heating Components Pricing Trends (2019-2030)

1.3 World Metal Film Heating Components Production by Region (Based on Production Site)

- 1.3.1 World Metal Film Heating Components Production Value by Region (2019-2030)
- 1.3.2 World Metal Film Heating Components Production by Region (2019-2030)
- 1.3.3 World Metal Film Heating Components Average Price by Region (2019-2030)
- 1.3.4 North America Metal Film Heating Components Production (2019-2030)
- 1.3.5 Europe Metal Film Heating Components Production (2019-2030)
- 1.3.6 China Metal Film Heating Components Production (2019-2030)
- 1.3.7 Japan Metal Film Heating Components Production (2019-2030)
- 1.3.8 South Korea Metal Film Heating Components Production (2019-2030)

1.4 Market Drivers, Restraints and Trends

- 1.4.1 Metal Film Heating Components Market Drivers
- 1.4.2 Factors Affecting Demand
- 1.4.3 Metal Film Heating Components Major Market Trends

# 2 DEMAND SUMMARY

- 2.1 World Metal Film Heating Components Demand (2019-2030)
- 2.2 World Metal Film Heating Components Consumption by Region
- 2.2.1 World Metal Film Heating Components Consumption by Region (2019-2024)

2.2.2 World Metal Film Heating Components Consumption Forecast by Region (2025-2030)

- 2.3 United States Metal Film Heating Components Consumption (2019-2030)
- 2.4 China Metal Film Heating Components Consumption (2019-2030)
- 2.5 Europe Metal Film Heating Components Consumption (2019-2030)
- 2.6 Japan Metal Film Heating Components Consumption (2019-2030)
- 2.7 South Korea Metal Film Heating Components Consumption (2019-2030)
- 2.8 ASEAN Metal Film Heating Components Consumption (2019-2030)
- 2.9 India Metal Film Heating Components Consumption (2019-2030)



# 3 WORLD METAL FILM HEATING COMPONENTS MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Metal Film Heating Components Production Value by Manufacturer (2019-2024)

- 3.2 World Metal Film Heating Components Production by Manufacturer (2019-2024)
- 3.3 World Metal Film Heating Components Average Price by Manufacturer (2019-2024)
- 3.4 Metal Film Heating Components Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
- 3.5.1 Global Metal Film Heating Components Industry Rank of Major Manufacturers
- 3.5.2 Global Concentration Ratios (CR4) for Metal Film Heating Components in 2023
- 3.5.3 Global Concentration Ratios (CR8) for Metal Film Heating Components in 2023
- 3.6 Metal Film Heating Components Market: Overall Company Footprint Analysis
  - 3.6.1 Metal Film Heating Components Market: Region Footprint
  - 3.6.2 Metal Film Heating Components Market: Company Product Type Footprint
- 3.6.3 Metal Film Heating Components Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
- 3.7.2 Barriers of Market Entry
- 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

# 4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Metal Film Heating Components Production Value Comparison

4.1.1 United States VS China: Metal Film Heating Components Production Value Comparison (2019 & 2023 & 2030)

4.1.2 United States VS China: Metal Film Heating Components Production Value Market Share Comparison (2019 & 2023 & 2030)

4.2 United States VS China: Metal Film Heating Components Production Comparison4.2.1 United States VS China: Metal Film Heating Components ProductionComparison (2019 & 2023 & 2030)

4.2.2 United States VS China: Metal Film Heating Components Production Market Share Comparison (2019 & 2023 & 2030)

4.3 United States VS China: Metal Film Heating Components Consumption Comparison

4.3.1 United States VS China: Metal Film Heating Components Consumption Comparison (2019 & 2023 & 2030)



4.3.2 United States VS China: Metal Film Heating Components Consumption Market Share Comparison (2019 & 2023 & 2030)

4.4 United States Based Metal Film Heating Components Manufacturers and Market Share, 2019-2024

4.4.1 United States Based Metal Film Heating Components Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Metal Film Heating Components Production Value (2019-2024)

4.4.3 United States Based Manufacturers Metal Film Heating Components Production (2019-2024)

4.5 China Based Metal Film Heating Components Manufacturers and Market Share

4.5.1 China Based Metal Film Heating Components Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Metal Film Heating Components Production Value (2019-2024)

4.5.3 China Based Manufacturers Metal Film Heating Components Production (2019-2024)

4.6 Rest of World Based Metal Film Heating Components Manufacturers and Market Share, 2019-2024

4.6.1 Rest of World Based Metal Film Heating Components Manufacturers,

Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Metal Film Heating Components Production Value (2019-2024)

4.6.3 Rest of World Based Manufacturers Metal Film Heating Components Production (2019-2024)

# **5 MARKET ANALYSIS BY TYPE**

5.1 World Metal Film Heating Components Market Size Overview by Type: 2019 VS 2023 VS 2030

5.2 Segment Introduction by Type

5.2.1 PET

5.2.2 PEN

5.2.3 PI

5.3 Market Segment by Type

5.3.1 World Metal Film Heating Components Production by Type (2019-2030)

5.3.2 World Metal Film Heating Components Production Value by Type (2019-2030)

5.3.3 World Metal Film Heating Components Average Price by Type (2019-2030)



#### **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Metal Film Heating Components Market Size Overview by Application: 2019

VS 2023 VS 2030

- 6.2 Segment Introduction by Application
  - 6.2.1 Automotive
  - 6.2.2 Aerospace
  - 6.2.3 Semiconductor
  - 6.2.4 Medical
  - 6.2.5 Industrial
  - 6.2.6 Others
- 6.3 Market Segment by Application
- 6.3.1 World Metal Film Heating Components Production by Application (2019-2030)
- 6.3.2 World Metal Film Heating Components Production Value by Application (2019-2030)
- 6.3.3 World Metal Film Heating Components Average Price by Application (2019-2030)

#### **7 COMPANY PROFILES**

- 7.1 Honeywell
  - 7.1.1 Honeywell Details
  - 7.1.2 Honeywell Major Business
  - 7.1.3 Honeywell Metal Film Heating Components Product and Services
- 7.1.4 Honeywell Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.1.5 Honeywell Recent Developments/Updates
- 7.1.6 Honeywell Competitive Strengths & Weaknesses

7.2 Chromalox

7.2.1 Chromalox Details

- 7.2.2 Chromalox Major Business
- 7.2.3 Chromalox Metal Film Heating Components Product and Services
- 7.2.4 Chromalox Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.2.5 Chromalox Recent Developments/Updates
- 7.2.6 Chromalox Competitive Strengths & Weaknesses

7.3 CANATU

- 7.3.1 CANATU Details
- 7.3.2 CANATU Major Business



7.3.3 CANATU Metal Film Heating Components Product and Services

7.3.4 CANATU Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.3.5 CANATU Recent Developments/Updates

7.3.6 CANATU Competitive Strengths & Weaknesses

7.4 Matsuzaki Kougaku Seimitsu Glass Co., Ltd.

7.4.1 Matsuzaki Kougaku Seimitsu Glass Co., Ltd. Details

7.4.2 Matsuzaki Kougaku Seimitsu Glass Co., Ltd. Major Business

7.4.3 Matsuzaki Kougaku Seimitsu Glass Co., Ltd. Metal Film Heating Components Product and Services

7.4.4 Matsuzaki Kougaku Seimitsu Glass Co., Ltd. Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.4.5 Matsuzaki Kougaku Seimitsu Glass Co., Ltd. Recent Developments/Updates

7.4.6 Matsuzaki Kougaku Seimitsu Glass Co., Ltd. Competitive Strengths & Weaknesses

7.5 Alper

7.5.1 Alper Details

7.5.2 Alper Major Business

7.5.3 Alper Metal Film Heating Components Product and Services

7.5.4 Alper Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.5.5 Alper Recent Developments/Updates

7.5.6 Alper Competitive Strengths & Weaknesses

7.6 Omega Engineering Inc

- 7.6.1 Omega Engineering Inc Details
- 7.6.2 Omega Engineering Inc Major Business

7.6.3 Omega Engineering Inc Metal Film Heating Components Product and Services

7.6.4 Omega Engineering Inc Metal Film Heating Components Production, Price,

Value, Gross Margin and Market Share (2019-2024)

7.6.5 Omega Engineering Inc Recent Developments/Updates

7.6.6 Omega Engineering Inc Competitive Strengths & Weaknesses

7.7 Watlow Semiconductor

- 7.7.1 Watlow Semiconductor Details
- 7.7.2 Watlow Semiconductor Major Business
- 7.7.3 Watlow Semiconductor Metal Film Heating Components Product and Services
- 7.7.4 Watlow Semiconductor Metal Film Heating Components Production, Price,

Value, Gross Margin and Market Share (2019-2024)

7.7.5 Watlow Semiconductor Recent Developments/Updates

7.7.6 Watlow Semiconductor Competitive Strengths & Weaknesses



#### 7.8 IHP

- 7.8.1 IHP Details
- 7.8.2 IHP Major Business
- 7.8.3 IHP Metal Film Heating Components Product and Services
- 7.8.4 IHP Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.8.5 IHP Recent Developments/Updates
  - 7.8.6 IHP Competitive Strengths & Weaknesses

7.9 Therm-x

- 7.9.1 Therm-x Details
- 7.9.2 Therm-x Major Business
- 7.9.3 Therm-x Metal Film Heating Components Product and Services

7.9.4 Therm-x Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)

- 7.9.5 Therm-x Recent Developments/Updates
- 7.9.6 Therm-x Competitive Strengths & Weaknesses

7.10 Minco Products

- 7.10.1 Minco Products Details
- 7.10.2 Minco Products Major Business
- 7.10.3 Minco Products Metal Film Heating Components Product and Services
- 7.10.4 Minco Products Metal Film Heating Components Production, Price, Value,

Gross Margin and Market Share (2019-2024)

- 7.10.5 Minco Products Recent Developments/Updates
- 7.10.6 Minco Products Competitive Strengths & Weaknesses
- 7.11 Nanotech Digital GmbH
  - 7.11.1 Nanotech Digital GmbH Details
  - 7.11.2 Nanotech Digital GmbH Major Business
  - 7.11.3 Nanotech Digital GmbH Metal Film Heating Components Product and Services
- 7.11.4 Nanotech Digital GmbH Metal Film Heating Components Production, Price,

Value, Gross Margin and Market Share (2019-2024)

- 7.11.5 Nanotech Digital GmbH Recent Developments/Updates
- 7.11.6 Nanotech Digital GmbH Competitive Strengths & Weaknesses
- 7.12 Fralock
  - 7.12.1 Fralock Details
  - 7.12.2 Fralock Major Business
  - 7.12.3 Fralock Metal Film Heating Components Product and Services
- 7.12.4 Fralock Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.12.5 Fralock Recent Developments/Updates



7.12.6 Fralock Competitive Strengths & Weaknesses

7.13 MIYO Technology Co., Ltd

7.13.1 MIYO Technology Co., Ltd Details

7.13.2 MIYO Technology Co., Ltd Major Business

7.13.3 MIYO Technology Co., Ltd Metal Film Heating Components Product and Services

7.13.4 MIYO Technology Co., Ltd Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.13.5 MIYO Technology Co., Ltd Recent Developments/Updates

7.13.6 MIYO Technology Co., Ltd Competitive Strengths & Weaknesses

7.14 Thermo Heating Elements, LLC

7.14.1 Thermo Heating Elements, LLC Details

7.14.2 Thermo Heating Elements, LLC Major Business

7.14.3 Thermo Heating Elements, LLC Metal Film Heating Components Product and Services

7.14.4 Thermo Heating Elements, LLC Metal Film Heating Components Production,

Price, Value, Gross Margin and Market Share (2019-2024)

- 7.14.5 Thermo Heating Elements, LLC Recent Developments/Updates
- 7.14.6 Thermo Heating Elements, LLC Competitive Strengths & Weaknesses

7.15 Acra

7.15.1 Acra Details

7.15.2 Acra Major Business

7.15.3 Acra Metal Film Heating Components Product and Services

7.15.4 Acra Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.15.5 Acra Recent Developments/Updates

7.15.6 Acra Competitive Strengths & Weaknesses

7.16 NEL Technologies

7.16.1 NEL Technologies Details

7.16.2 NEL Technologies Major Business

7.16.3 NEL Technologies Metal Film Heating Components Product and Services

7.16.4 NEL Technologies Metal Film Heating Components Production, Price, Value,

Gross Margin and Market Share (2019-2024)

7.16.5 NEL Technologies Recent Developments/Updates

7.16.6 NEL Technologies Competitive Strengths & Weaknesses

7.17 Tempco Electric Heater Corporation

7.17.1 Tempco Electric Heater Corporation Details

7.17.2 Tempco Electric Heater Corporation Major Business

7.17.3 Tempco Electric Heater Corporation Metal Film Heating Components Product



and Services

7.17.4 Tempco Electric Heater Corporation Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.17.5 Tempco Electric Heater Corporation Recent Developments/Updates

7.17.6 Tempco Electric Heater Corporation Competitive Strengths & Weaknesses

7.18 Durex Industries

7.18.1 Durex Industries Details

7.18.2 Durex Industries Major Business

7.18.3 Durex Industries Metal Film Heating Components Product and Services

7.18.4 Durex Industries Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.18.5 Durex Industries Recent Developments/Updates

7.18.6 Durex Industries Competitive Strengths & Weaknesses

7.19 Flexitech

7.19.1 Flexitech Details

7.19.2 Flexitech Major Business

7.19.3 Flexitech Metal Film Heating Components Product and Services

- 7.19.4 Flexitech Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.19.5 Flexitech Recent Developments/Updates
- 7.19.6 Flexitech Competitive Strengths & Weaknesses

7.20 Hi-Heat Industries

- 7.20.1 Hi-Heat Industries Details
- 7.20.2 Hi-Heat Industries Major Business
- 7.20.3 Hi-Heat Industries Metal Film Heating Components Product and Services

7.20.4 Hi-Heat Industries Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.20.5 Hi-Heat Industries Recent Developments/Updates

7.20.6 Hi-Heat Industries Competitive Strengths & Weaknesses

7.21 All Flex

7.21.1 All Flex Details

7.21.2 All Flex Major Business

7.21.3 All Flex Metal Film Heating Components Product and Services

7.21.4 All Flex Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.21.5 All Flex Recent Developments/Updates

7.21.6 All Flex Competitive Strengths & Weaknesses

7.22 Holroyd Components

7.22.1 Holroyd Components Details



7.22.2 Holroyd Components Major Business

7.22.3 Holroyd Components Metal Film Heating Components Product and Services

7.22.4 Holroyd Components Metal Film Heating Components Production, Price, Value,

Gross Margin and Market Share (2019-2024)

7.22.5 Holroyd Components Recent Developments/Updates

7.22.6 Holroyd Components Competitive Strengths & Weaknesses

7.23 TECAM

7.23.1 TECAM Details

7.23.2 TECAM Major Business

7.23.3 TECAM Metal Film Heating Components Product and Services

7.23.4 TECAM Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.23.5 TECAM Recent Developments/Updates

7.23.6 TECAM Competitive Strengths & Weaknesses

7.24 Shirai Electronics Industrial Co.,Ltd.

7.24.1 Shirai Electronics Industrial Co.,Ltd. Details

7.24.2 Shirai Electronics Industrial Co.,Ltd. Major Business

7.24.3 Shirai Electronics Industrial Co.,Ltd. Metal Film Heating Components Product and Services

7.24.4 Shirai Electronics Industrial Co., Ltd. Metal Film Heating Components

Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.24.5 Shirai Electronics Industrial Co.,Ltd. Recent Developments/Updates

7.24.6 Shirai Electronics Industrial Co.,Ltd. Competitive Strengths & Weaknesses 7.25 CHASM

7.25.1 CHASM Details

7.25.2 CHASM Major Business

7.25.3 CHASM Metal Film Heating Components Product and Services

7.25.4 CHASM Metal Film Heating Components Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.25.5 CHASM Recent Developments/Updates

7.25.6 CHASM Competitive Strengths & Weaknesses

7.26 Linepro Controls Pvt Ltd.

7.26.1 Linepro Controls Pvt Ltd. Details

7.26.2 Linepro Controls Pvt Ltd. Major Business

7.26.3 Linepro Controls Pvt Ltd. Metal Film Heating Components Product and Services

7.26.4 Linepro Controls Pvt Ltd. Metal Film Heating Components Production, Price,

Value, Gross Margin and Market Share (2019-2024)

7.26.5 Linepro Controls Pvt Ltd. Recent Developments/Updates

7.26.6 Linepro Controls Pvt Ltd. Competitive Strengths & Weaknesses



- 7.27 Jaye Industry Co.,Ltd
  - 7.27.1 Jaye Industry Co., Ltd Details
  - 7.27.2 Jaye Industry Co., Ltd Major Business
  - 7.27.3 Jaye Industry Co., Ltd Metal Film Heating Components Product and Services

7.27.4 Jaye Industry Co., Ltd Metal Film Heating Components Production, Price, Value,

- Gross Margin and Market Share (2019-2024)
  - 7.27.5 Jaye Industry Co., Ltd Recent Developments/Updates
  - 7.27.6 Jaye Industry Co., Ltd Competitive Strengths & Weaknesses

#### **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Metal Film Heating Components Industry Chain
- 8.2 Metal Film Heating Components Upstream Analysis
- 8.2.1 Metal Film Heating Components Core Raw Materials
- 8.2.2 Main Manufacturers of Metal Film Heating Components Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Metal Film Heating Components Production Mode
- 8.6 Metal Film Heating Components Procurement Model
- 8.7 Metal Film Heating Components Industry Sales Model and Sales Channels
  - 8.7.1 Metal Film Heating Components Sales Model
- 8.7.2 Metal Film Heating Components Typical Customers

# 9 RESEARCH FINDINGS AND CONCLUSION

# **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer





# **List Of Tables**

#### LIST OF TABLES

Table 1. World Metal Film Heating Components Production Value by Region (2019, 2023 and 2030) & (USD Million) Table 2. World Metal Film Heating Components Production Value by Region (2019-2024) & (USD Million) Table 3. World Metal Film Heating Components Production Value by Region (2025-2030) & (USD Million) Table 4. World Metal Film Heating Components Production Value Market Share by Region (2019-2024) Table 5. World Metal Film Heating Components Production Value Market Share by Region (2025-2030) Table 6. World Metal Film Heating Components Production by Region (2019-2024) & (K Units) Table 7. World Metal Film Heating Components Production by Region (2025-2030) & (K Units) Table 8. World Metal Film Heating Components Production Market Share by Region (2019-2024)Table 9. World Metal Film Heating Components Production Market Share by Region (2025 - 2030)Table 10. World Metal Film Heating Components Average Price by Region (2019-2024) & (US\$/Unit) Table 11. World Metal Film Heating Components Average Price by Region (2025-2030) & (US\$/Unit) Table 12. Metal Film Heating Components Major Market Trends Table 13. World Metal Film Heating Components Consumption Growth Rate Forecast by Region (2019 & 2023 & 2030) & (K Units) Table 14. World Metal Film Heating Components Consumption by Region (2019-2024) & (K Units) Table 15. World Metal Film Heating Components Consumption Forecast by Region (2025-2030) & (K Units) Table 16. World Metal Film Heating Components Production Value by Manufacturer (2019-2024) & (USD Million)

Table 17. Production Value Market Share of Key Metal Film Heating Components Producers in 2023

Table 18. World Metal Film Heating Components Production by Manufacturer (2019-2024) & (K Units)



Table 19. Production Market Share of Key Metal Film Heating Components Producers in 2023

Table 20. World Metal Film Heating Components Average Price by Manufacturer (2019-2024) & (US\$/Unit)

Table 21. Global Metal Film Heating Components Company Evaluation Quadrant

Table 22. World Metal Film Heating Components Industry Rank of Major Manufacturers, Based on Production Value in 2023

Table 23. Head Office and Metal Film Heating Components Production Site of Key Manufacturer

Table 24. Metal Film Heating Components Market: Company Product Type Footprint Table 25. Metal Film Heating Components Market: Company Product Application Footprint

Table 26. Metal Film Heating Components Competitive Factors

Table 27. Metal Film Heating Components New Entrant and Capacity Expansion Plans

 Table 28. Metal Film Heating Components Mergers & Acquisitions Activity

Table 29. United States VS China Metal Film Heating Components Production Value Comparison, (2019 & 2023 & 2030) & (USD Million)

Table 30. United States VS China Metal Film Heating Components ProductionComparison, (2019 & 2023 & 2030) & (K Units)

Table 31. United States VS China Metal Film Heating Components Consumption Comparison, (2019 & 2023 & 2030) & (K Units)

Table 32. United States Based Metal Film Heating Components Manufacturers,Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Metal Film Heating Components Production Value, (2019-2024) & (USD Million)

Table 34. United States Based Manufacturers Metal Film Heating Components Production Value Market Share (2019-2024)

Table 35. United States Based Manufacturers Metal Film Heating Components Production (2019-2024) & (K Units)

Table 36. United States Based Manufacturers Metal Film Heating Components Production Market Share (2019-2024)

Table 37. China Based Metal Film Heating Components Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Metal Film Heating Components Production Value, (2019-2024) & (USD Million)

Table 39. China Based Manufacturers Metal Film Heating Components Production Value Market Share (2019-2024)

Table 40. China Based Manufacturers Metal Film Heating Components Production (2019-2024) & (K Units)



Table 41. China Based Manufacturers Metal Film Heating Components Production Market Share (2019-2024)

Table 42. Rest of World Based Metal Film Heating Components Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Metal Film Heating Components Production Value, (2019-2024) & (USD Million)

Table 44. Rest of World Based Manufacturers Metal Film Heating ComponentsProduction Value Market Share (2019-2024)

Table 45. Rest of World Based Manufacturers Metal Film Heating Components Production (2019-2024) & (K Units)

Table 46. Rest of World Based Manufacturers Metal Film Heating ComponentsProduction Market Share (2019-2024)

Table 47. World Metal Film Heating Components Production Value by Type, (USD Million), 2019 & 2023 & 2030

Table 48. World Metal Film Heating Components Production by Type (2019-2024) & (K Units)

Table 49. World Metal Film Heating Components Production by Type (2025-2030) & (K Units)

Table 50. World Metal Film Heating Components Production Value by Type (2019-2024) & (USD Million)

Table 51. World Metal Film Heating Components Production Value by Type (2025-2030) & (USD Million)

Table 52. World Metal Film Heating Components Average Price by Type (2019-2024) & (US\$/Unit)

Table 53. World Metal Film Heating Components Average Price by Type (2025-2030) & (US\$/Unit)

Table 54. World Metal Film Heating Components Production Value by Application, (USD Million), 2019 & 2023 & 2030

Table 55. World Metal Film Heating Components Production by Application (2019-2024) & (K Units)

Table 56. World Metal Film Heating Components Production by Application (2025-2030) & (K Units)

Table 57. World Metal Film Heating Components Production Value by Application (2019-2024) & (USD Million)

Table 58. World Metal Film Heating Components Production Value by Application (2025-2030) & (USD Million)

Table 59. World Metal Film Heating Components Average Price by Application(2019-2024) & (US\$/Unit)

Table 60. World Metal Film Heating Components Average Price by Application



(2025-2030) & (US\$/Unit)

Table 61. Honeywell Basic Information, Manufacturing Base and CompetitorsTable 62. Honeywell Major Business

 Table 63. Honeywell Metal Film Heating Components Product and Services

Table 64. Honeywell Metal Film Heating Components Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 65. Honeywell Recent Developments/Updates

Table 66. Honeywell Competitive Strengths & Weaknesses

Table 67. Chromalox Basic Information, Manufacturing Base and Competitors

Table 68. Chromalox Major Business

Table 69. Chromalox Metal Film Heating Components Product and Services

Table 70. Chromalox Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 71. Chromalox Recent Developments/Updates

Table 72. Chromalox Competitive Strengths & Weaknesses

Table 73. CANATU Basic Information, Manufacturing Base and Competitors

Table 74. CANATU Major Business

Table 75. CANATU Metal Film Heating Components Product and Services

Table 76. CANATU Metal Film Heating Components Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. CANATU Recent Developments/Updates

Table 78. CANATU Competitive Strengths & Weaknesses

Table 79. Matsuzaki Kougaku Seimitsu Glass Co., Ltd. Basic Information,

Manufacturing Base and Competitors

Table 80. Matsuzaki Kougaku Seimitsu Glass Co., Ltd. Major Business

Table 81. Matsuzaki Kougaku Seimitsu Glass Co., Ltd. Metal Film Heating Components Product and Services

Table 82. Matsuzaki Kougaku Seimitsu Glass Co., Ltd. Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 83. Matsuzaki Kougaku Seimitsu Glass Co., Ltd. Recent Developments/Updates Table 84. Matsuzaki Kougaku Seimitsu Glass Co., Ltd. Competitive Strengths & Weaknesses

 Table 85. Alper Basic Information, Manufacturing Base and Competitors

Table 86. Alper Major Business

 Table 87. Alper Metal Film Heating Components Product and Services



Table 88. Alper Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024) Table 89. Alper Recent Developments/Updates Table 90. Alper Competitive Strengths & Weaknesses Table 91. Omega Engineering Inc Basic Information, Manufacturing Base and Competitors Table 92. Omega Engineering Inc Major Business Table 93. Omega Engineering Inc Metal Film Heating Components Product and Services Table 94. Omega Engineering Inc Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024) Table 95. Omega Engineering Inc Recent Developments/Updates Table 96. Omega Engineering Inc Competitive Strengths & Weaknesses Table 97. Watlow Semiconductor Basic Information, Manufacturing Base and Competitors Table 98. Watlow Semiconductor Major Business Table 99. Watlow Semiconductor Metal Film Heating Components Product and Services Table 100. Watlow Semiconductor Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024) Table 101. Watlow Semiconductor Recent Developments/Updates Table 102. Watlow Semiconductor Competitive Strengths & Weaknesses Table 103. IHP Basic Information, Manufacturing Base and Competitors Table 104. IHP Major Business Table 105. IHP Metal Film Heating Components Product and Services Table 106. IHP Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024) Table 107. IHP Recent Developments/Updates Table 108. IHP Competitive Strengths & Weaknesses Table 109. Therm-x Basic Information, Manufacturing Base and Competitors Table 110. Therm-x Major Business Table 111. Therm-x Metal Film Heating Components Product and Services Table 112. Therm-x Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)Table 113. Therm-x Recent Developments/Updates Table 114. Therm-x Competitive Strengths & Weaknesses Global Metal Film Heating Components Supply, Demand and Key Producers, 2024-2030



Table 115. Minco Products Basic Information, Manufacturing Base and Competitors Table 116. Minco Products Major Business

Table 117. Minco Products Metal Film Heating Components Product and Services

Table 118. Minco Products Metal Film Heating Components Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 119. Minco Products Recent Developments/Updates

Table 120. Minco Products Competitive Strengths & Weaknesses

Table 121. Nanotech Digital GmbH Basic Information, Manufacturing Base and Competitors

Table 122. Nanotech Digital GmbH Major Business

Table 123. Nanotech Digital GmbH Metal Film Heating Components Product and Services

Table 124. Nanotech Digital GmbH Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 125. Nanotech Digital GmbH Recent Developments/Updates

Table 126. Nanotech Digital GmbH Competitive Strengths & Weaknesses

Table 127. Fralock Basic Information, Manufacturing Base and Competitors

Table 128. Fralock Major Business

Table 129. Fralock Metal Film Heating Components Product and Services

Table 130. Fralock Metal Film Heating Components Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 131. Fralock Recent Developments/Updates

Table 132. Fralock Competitive Strengths & Weaknesses

Table 133. MIYO Technology Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 134. MIYO Technology Co., Ltd Major Business

Table 135. MIYO Technology Co., Ltd Metal Film Heating Components Product and Services

Table 136. MIYO Technology Co., Ltd Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 137. MIYO Technology Co., Ltd Recent Developments/Updates

Table 138. MIYO Technology Co., Ltd Competitive Strengths & Weaknesses

Table 139. Thermo Heating Elements, LLC Basic Information, Manufacturing Base and Competitors

Table 140. Thermo Heating Elements, LLC Major Business



Table 141. Thermo Heating Elements, LLC Metal Film Heating Components Product and Services

Table 142. Thermo Heating Elements, LLC Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 143. Thermo Heating Elements, LLC Recent Developments/Updates

Table 144. Thermo Heating Elements, LLC Competitive Strengths & Weaknesses

Table 145. Acra Basic Information, Manufacturing Base and Competitors

Table 146. Acra Major Business

Table 147. Acra Metal Film Heating Components Product and Services

Table 148. Acra Metal Film Heating Components Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 149. Acra Recent Developments/Updates

Table 150. Acra Competitive Strengths & Weaknesses

Table 151. NEL Technologies Basic Information, Manufacturing Base and Competitors

Table 152. NEL Technologies Major Business

Table 153. NEL Technologies Metal Film Heating Components Product and Services

Table 154. NEL Technologies Metal Film Heating Components Production (K Units),

Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 155. NEL Technologies Recent Developments/Updates

Table 156. NEL Technologies Competitive Strengths & Weaknesses

Table 157. Tempco Electric Heater Corporation Basic Information, Manufacturing Base and Competitors

Table 158. Tempco Electric Heater Corporation Major Business

Table 159. Tempco Electric Heater Corporation Metal Film Heating Components Product and Services

Table 160. Tempco Electric Heater Corporation Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 161. Tempco Electric Heater Corporation Recent Developments/Updates

Table 162. Tempco Electric Heater Corporation Competitive Strengths & Weaknesses

Table 163. Durex Industries Basic Information, Manufacturing Base and Competitors

Table 164. Durex Industries Major Business

Table 165. Durex Industries Metal Film Heating Components Product and Services Table 166. Durex Industries Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 167. Durex Industries Recent Developments/Updates



Table 168. Durex Industries Competitive Strengths & Weaknesses

Table 169. Flexitech Basic Information, Manufacturing Base and Competitors

Table 170. Flexitech Major Business

Table 171. Flexitech Metal Film Heating Components Product and Services

Table 172. Flexitech Metal Film Heating Components Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 173. Flexitech Recent Developments/Updates

Table 174. Flexitech Competitive Strengths & Weaknesses

Table 175. Hi-Heat Industries Basic Information, Manufacturing Base and Competitors

Table 176. Hi-Heat Industries Major Business

Table 177. Hi-Heat Industries Metal Film Heating Components Product and Services

Table 178. Hi-Heat Industries Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2019-2024)

Table 179. Hi-Heat Industries Recent Developments/Updates

Table 180. Hi-Heat Industries Competitive Strengths & Weaknesses

Table 181. All Flex Basic Information, Manufacturing Base and Competitors

Table 182. All Flex Major Business

Table 183. All Flex Metal Film Heating Components Product and Services

Table 184. All Flex Metal Film Heating Components Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 185. All Flex Recent Developments/Updates

Table 186. All Flex Competitive Strengths & Weaknesses

Table 187. Holroyd Components Basic Information, Manufacturing Base and Competitors

Table 188. Holroyd Components Major Business

Table 189. Holroyd Components Metal Film Heating Components Product and Services Table 190. Holroyd Components Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 191. Holroyd Components Recent Developments/Updates

Table 192. Holroyd Components Competitive Strengths & Weaknesses

Table 193. TECAM Basic Information, Manufacturing Base and Competitors

Table 194. TECAM Major Business

Table 195. TECAM Metal Film Heating Components Product and Services

Table 196. TECAM Metal Film Heating Components Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share



(2019-2024)

Table 197. TECAM Recent Developments/Updates

Table 198. TECAM Competitive Strengths & Weaknesses

Table 199. Shirai Electronics Industrial Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 200. Shirai Electronics Industrial Co., Ltd. Major Business

Table 201. Shirai Electronics Industrial Co.,Ltd. Metal Film Heating Components Product and Services

Table 202. Shirai Electronics Industrial Co.,Ltd. Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 203. Shirai Electronics Industrial Co.,Ltd. Recent Developments/Updates

Table 204. Shirai Electronics Industrial Co., Ltd. Competitive Strengths & Weaknesses

Table 205. CHASM Basic Information, Manufacturing Base and Competitors

Table 206. CHASM Major Business

Table 207. CHASM Metal Film Heating Components Product and Services

Table 208. CHASM Metal Film Heating Components Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 209. CHASM Recent Developments/Updates

Table 210. CHASM Competitive Strengths & Weaknesses

Table 211. Linepro Controls Pvt Ltd. Basic Information, Manufacturing Base and Competitors

Table 212. Linepro Controls Pvt Ltd. Major Business

Table 213. Linepro Controls Pvt Ltd. Metal Film Heating Components Product and Services

Table 214. Linepro Controls Pvt Ltd. Metal Film Heating Components Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 215. Linepro Controls Pvt Ltd. Recent Developments/Updates

Table 216. Jaye Industry Co.,Ltd Basic Information, Manufacturing Base and Competitors

Table 217. Jaye Industry Co., Ltd Major Business

Table 218. Jaye Industry Co.,Ltd Metal Film Heating Components Product and Services Table 219. Jaye Industry Co.,Ltd Metal Film Heating Components Production (K Units),

Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 220. Global Key Players of Metal Film Heating Components Upstream (Raw Materials)



Table 221. Metal Film Heating Components Typical CustomersTable 222. Metal Film Heating Components Typical Distributors

# LIST OF FIGURE

Figure 1. Metal Film Heating Components Picture

Figure 2. World Metal Film Heating Components Production Value: 2019 & 2023 & 2030, (USD Million)

Figure 3. World Metal Film Heating Components Production Value and Forecast (2019-2030) & (USD Million)

Figure 4. World Metal Film Heating Components Production (2019-2030) & (K Units) Figure 5. World Metal Film Heating Components Average Price (2019-2030) & (US\$/Unit)

Figure 6. World Metal Film Heating Components Production Value Market Share by Region (2019-2030)

Figure 7. World Metal Film Heating Components Production Market Share by Region (2019-2030)

Figure 8. North America Metal Film Heating Components Production (2019-2030) & (K Units)

Figure 9. Europe Metal Film Heating Components Production (2019-2030) & (K Units)

Figure 10. China Metal Film Heating Components Production (2019-2030) & (K Units)

Figure 11. Japan Metal Film Heating Components Production (2019-2030) & (K Units)

Figure 12. South Korea Metal Film Heating Components Production (2019-2030) & (K Units)

Figure 13. Metal Film Heating Components Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Metal Film Heating Components Consumption (2019-2030) & (K Units)

Figure 16. World Metal Film Heating Components Consumption Market Share by Region (2019-2030)

Figure 17. United States Metal Film Heating Components Consumption (2019-2030) & (K Units)

Figure 18. China Metal Film Heating Components Consumption (2019-2030) & (K Units)

Figure 19. Europe Metal Film Heating Components Consumption (2019-2030) & (K Units)

Figure 20. Japan Metal Film Heating Components Consumption (2019-2030) & (K Units)

Figure 21. South Korea Metal Film Heating Components Consumption (2019-2030) & (K Units)

Figure 22. ASEAN Metal Film Heating Components Consumption (2019-2030) & (K



Units)

Figure 23. India Metal Film Heating Components Consumption (2019-2030) & (K Units)

Figure 24. Producer Shipments of Metal Film Heating Components by Manufacturer Revenue (\$MM) and Market Share (%): 2023

Figure 25. Global Four-firm Concentration Ratios (CR4) for Metal Film Heating Components Markets in 2023

Figure 26. Global Four-firm Concentration Ratios (CR8) for Metal Film Heating Components Markets in 2023

Figure 27. United States VS China: Metal Film Heating Components Production Value Market Share Comparison (2019 & 2023 & 2030)

Figure 28. United States VS China: Metal Film Heating Components Production Market Share Comparison (2019 & 2023 & 2030)

Figure 29. United States VS China: Metal Film Heating Components Consumption Market Share Comparison (2019 & 2023 & 2030)

Figure 30. United States Based Manufacturers Metal Film Heating Components Production Market Share 2023

Figure 31. China Based Manufacturers Metal Film Heating Components Production Market Share 2023

Figure 32. Rest of World Based Manufacturers Metal Film Heating Components Production Market Share 2023

Figure 33. World Metal Film Heating Components Production Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 34. World Metal Film Heating Components Production Value Market Share by Type in 2023

Figure 35. PET

Figure 36. PEN

Figure 37. PI

Figure 38. World Metal Film Heating Components Production Market Share by Type (2019-2030)

Figure 39. World Metal Film Heating Components Production Value Market Share by Type (2019-2030)

Figure 40. World Metal Film Heating Components Average Price by Type (2019-2030) & (US\$/Unit)

Figure 41. World Metal Film Heating Components Production Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 42. World Metal Film Heating Components Production Value Market Share by Application in 2023

Figure 43. Automotive

Figure 44. Aerospace



Figure 45. Semiconductor

- Figure 46. Medical
- Figure 47. Industrial

Figure 48. Others

Figure 49. World Metal Film Heating Components Production Market Share by

Application (2019-2030)

Figure 50. World Metal Film Heating Components Production Value Market Share by Application (2019-2030)

Figure 51. World Metal Film Heating Components Average Price by Application (2019-2030) & (US\$/Unit)

Figure 52. Metal Film Heating Components Industry Chain

Figure 53. Metal Film Heating Components Procurement Model

- Figure 54. Metal Film Heating Components Sales Model
- Figure 55. Metal Film Heating Components Sales Channels, Direct Sales, and Distribution
- Figure 56. Methodology
- Figure 57. Research Process and Data Source



#### I would like to order

Product name: Global Metal Film Heating Components Supply, Demand and Key Producers, 2024-2030 Product link: <u>https://marketpublishers.com/r/GEECA1FA658EEN.html</u>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

# Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/GEECA1FA658EEN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

\*\*All fields are required

Custumer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970