

Global Friction Material Products Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G8F8CB8FAC93EN.html>

Date: February 2023

Pages: 119

Price: US\$ 3,480.00 (Single User License)

ID: G8F8CB8FAC93EN

Abstracts

Friction materials—also known as brake materials and clutch materials—are used to induce friction in situations where slow or decreased movement is necessary. Friction is the resistance to relative motion that opposes an object's direction of movement. Friction is created when a solid object comes into contact with a diverging surface. Friction can be used anywhere from slowing or stopping an object to accelerating it to a certain speed.

The report studies friction products (including brake pads, brake linings, clutch discs, brake blocks etc.) which are made from friction materials. They can be widely used in automotive, railway, industrial and aerospace field.

According to our (Global Info Research) latest study, the global Friction Material Products market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Friction Material Products market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Friction Material Products market size and forecasts, in consumption value (\$ Million), sales quantity (Million Pcs), and average selling prices (USD/Pcs), 2018-2029

Global Friction Material Products market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Million Pcs), and average selling prices (USD/Pcs), 2018-2029

Global Friction Material Products market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Million Pcs), and average selling prices (USD/Pcs), 2018-2029

Global Friction Material Products market shares of main players, shipments in revenue (\$ Million), sales quantity (Million Pcs), and ASP (USD/Pcs), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Friction Material Products

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Friction Material Products 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 Akebono Brake, Nisshinbo, Bosch, Continental and GMP Friction Products, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Friction Material Products market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This

analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Brake Pads

Brake Linings

Clutch Discs

Brake Blocks

Others

Market segment by Application

Automotive

Railway

Industrial

Aerospace

Others

Major players covered

Akebono Brake

Nisshinbo

Bosch

Continental

GMP Friction Products

Tenneco

Bendix

Sangsin Brake

BorgWarner

Shandong Longji

Shandong Gold Phoenix

Svendborg Brakes (Altra Motion)

Carlisle Brake & Friction (CBF)

Aisin Chemical Co

Schaeffler

Vulkan

BPW Group

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Friction Material Products product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Friction Material Products, with price, sales, revenue and global market share of Friction Material Products from 2018 to 2023.

Chapter 3, the Friction Material Products competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Friction Material Products breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Friction Material Products market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Friction Material Products.

Chapter 14 and 15, to describe Friction Material Products sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Friction Material Products

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Friction Material Products Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 Brake Pads

1.3.3 Brake Linings

1.3.4 Clutch Discs

1.3.5 Brake Blocks

1.3.6 Others

1.4 Market Analysis by Application

1.4.1 Overview: Global Friction Material Products Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Automotive

1.4.3 Railway

1.4.4 Industrial

1.4.5 Aerospace

1.4.6 Others

1.5 Global Friction Material Products Market Size & Forecast

1.5.1 Global Friction Material Products Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Friction Material Products Sales Quantity (2018-2029)

1.5.3 Global Friction Material Products Average Price (2018-2029)

2 MANUFACTURERS PROFILES

2.1 Akebono Brake

2.1.1 Akebono Brake Details

2.1.2 Akebono Brake Major Business

2.1.3 Akebono Brake Friction Material Products Product and Services

2.1.4 Akebono Brake Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 Akebono Brake Recent Developments/Updates

2.2 Nisshinbo

2.2.1 Nisshinbo Details

2.2.2 Nisshinbo Major Business

- 2.2.3 Nisshinbo Friction Material Products Product and Services
- 2.2.4 Nisshinbo Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.2.5 Nisshinbo Recent Developments/Updates
- 2.3 Bosch
 - 2.3.1 Bosch Details
 - 2.3.2 Bosch Major Business
 - 2.3.3 Bosch Friction Material Products Product and Services
 - 2.3.4 Bosch Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.3.5 Bosch Recent Developments/Updates
- 2.4 Continental
 - 2.4.1 Continental Details
 - 2.4.2 Continental Major Business
 - 2.4.3 Continental Friction Material Products Product and Services
 - 2.4.4 Continental Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.4.5 Continental Recent Developments/Updates
- 2.5 GMP Friction Products
 - 2.5.1 GMP Friction Products Details
 - 2.5.2 GMP Friction Products Major Business
 - 2.5.3 GMP Friction Products Friction Material Products Product and Services
 - 2.5.4 GMP Friction Products Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.5.5 GMP Friction Products Recent Developments/Updates
- 2.6 Tenneco
 - 2.6.1 Tenneco Details
 - 2.6.2 Tenneco Major Business
 - 2.6.3 Tenneco Friction Material Products Product and Services
 - 2.6.4 Tenneco Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.6.5 Tenneco Recent Developments/Updates
- 2.7 Bendix
 - 2.7.1 Bendix Details
 - 2.7.2 Bendix Major Business
 - 2.7.3 Bendix Friction Material Products Product and Services
 - 2.7.4 Bendix Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.7.5 Bendix Recent Developments/Updates

2.8 Sangsin Brake

2.8.1 Sangsin Brake Details

2.8.2 Sangsin Brake Major Business

2.8.3 Sangsin Brake Friction Material Products Product and Services

2.8.4 Sangsin Brake Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Sangsin Brake Recent Developments/Updates

2.9 BorgWarner

2.9.1 BorgWarner Details

2.9.2 BorgWarner Major Business

2.9.3 BorgWarner Friction Material Products Product and Services

2.9.4 BorgWarner Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 BorgWarner Recent Developments/Updates

2.10 Shandong Longji

2.10.1 Shandong Longji Details

2.10.2 Shandong Longji Major Business

2.10.3 Shandong Longji Friction Material Products Product and Services

2.10.4 Shandong Longji Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 Shandong Longji Recent Developments/Updates

2.11 Shandong Gold Phoenix

2.11.1 Shandong Gold Phoenix Details

2.11.2 Shandong Gold Phoenix Major Business

2.11.3 Shandong Gold Phoenix Friction Material Products Product and Services

2.11.4 Shandong Gold Phoenix Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 Shandong Gold Phoenix Recent Developments/Updates

2.12 Svendborg Brakes (Altra Motion)

2.12.1 Svendborg Brakes (Altra Motion) Details

2.12.2 Svendborg Brakes (Altra Motion) Major Business

2.12.3 Svendborg Brakes (Altra Motion) Friction Material Products Product and Services

2.12.4 Svendborg Brakes (Altra Motion) Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 Svendborg Brakes (Altra Motion) Recent Developments/Updates

2.13 Carlisle Brake & Friction (CBF)

2.13.1 Carlisle Brake & Friction (CBF) Details

2.13.2 Carlisle Brake & Friction (CBF) Major Business

- 2.13.3 Carlisle Brake & Friction (CBF) Friction Material Products Product and Services
- 2.13.4 Carlisle Brake & Friction (CBF) Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.13.5 Carlisle Brake & Friction (CBF) Recent Developments/Updates
- 2.14 Aisin Chemical Co
 - 2.14.1 Aisin Chemical Co Details
 - 2.14.2 Aisin Chemical Co Major Business
 - 2.14.3 Aisin Chemical Co Friction Material Products Product and Services
 - 2.14.4 Aisin Chemical Co Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.14.5 Aisin Chemical Co Recent Developments/Updates
- 2.15 Schaeffler
 - 2.15.1 Schaeffler Details
 - 2.15.2 Schaeffler Major Business
 - 2.15.3 Schaeffler Friction Material Products Product and Services
 - 2.15.4 Schaeffler Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.15.5 Schaeffler Recent Developments/Updates
- 2.16 Vulkan
 - 2.16.1 Vulkan Details
 - 2.16.2 Vulkan Major Business
 - 2.16.3 Vulkan Friction Material Products Product and Services
 - 2.16.4 Vulkan Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.16.5 Vulkan Recent Developments/Updates
- 2.17 BPW Group
 - 2.17.1 BPW Group Details
 - 2.17.2 BPW Group Major Business
 - 2.17.3 BPW Group Friction Material Products Product and Services
 - 2.17.4 BPW Group Friction Material Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.17.5 BPW Group Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: FRICTION MATERIAL PRODUCTS BY MANUFACTURER

- 3.1 Global Friction Material Products Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Friction Material Products Revenue by Manufacturer (2018-2023)
- 3.3 Global Friction Material Products Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Friction Material Products by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Friction Material Products Manufacturer Market Share in 2022

3.4.2 Top 6 Friction Material Products Manufacturer Market Share in 2022

3.5 Friction Material Products Market: Overall Company Footprint Analysis

3.5.1 Friction Material Products Market: Region Footprint

3.5.2 Friction Material Products Market: Company Product Type Footprint

3.5.3 Friction Material Products Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Friction Material Products Market Size by Region

4.1.1 Global Friction Material Products Sales Quantity by Region (2018-2029)

4.1.2 Global Friction Material Products Consumption Value by Region (2018-2029)

4.1.3 Global Friction Material Products Average Price by Region (2018-2029)

4.2 North America Friction Material Products Consumption Value (2018-2029)

4.3 Europe Friction Material Products Consumption Value (2018-2029)

4.4 Asia-Pacific Friction Material Products Consumption Value (2018-2029)

4.5 South America Friction Material Products Consumption Value (2018-2029)

4.6 Middle East and Africa Friction Material Products Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Friction Material Products Sales Quantity by Type (2018-2029)

5.2 Global Friction Material Products Consumption Value by Type (2018-2029)

5.3 Global Friction Material Products Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Friction Material Products Sales Quantity by Application (2018-2029)

6.2 Global Friction Material Products Consumption Value by Application (2018-2029)

6.3 Global Friction Material Products Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Friction Material Products Sales Quantity by Type (2018-2029)

- 7.2 North America Friction Material Products Sales Quantity by Application (2018-2029)
- 7.3 North America Friction Material Products Market Size by Country
 - 7.3.1 North America Friction Material Products Sales Quantity by Country (2018-2029)
 - 7.3.2 North America Friction Material Products Consumption Value by Country (2018-2029)
 - 7.3.3 United States Market Size and Forecast (2018-2029)
 - 7.3.4 Canada Market Size and Forecast (2018-2029)
 - 7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

- 8.1 Europe Friction Material Products Sales Quantity by Type (2018-2029)
- 8.2 Europe Friction Material Products Sales Quantity by Application (2018-2029)
- 8.3 Europe Friction Material Products Market Size by Country
 - 8.3.1 Europe Friction Material Products Sales Quantity by Country (2018-2029)
 - 8.3.2 Europe Friction Material Products Consumption Value by Country (2018-2029)
 - 8.3.3 Germany Market Size and Forecast (2018-2029)
 - 8.3.4 France Market Size and Forecast (2018-2029)
 - 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
 - 8.3.6 Russia Market Size and Forecast (2018-2029)
 - 8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Friction Material Products Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Friction Material Products Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Friction Material Products Market Size by Region
 - 9.3.1 Asia-Pacific Friction Material Products Sales Quantity by Region (2018-2029)
 - 9.3.2 Asia-Pacific Friction Material Products Consumption Value by Region (2018-2029)
 - 9.3.3 China Market Size and Forecast (2018-2029)
 - 9.3.4 Japan Market Size and Forecast (2018-2029)
 - 9.3.5 Korea Market Size and Forecast (2018-2029)
 - 9.3.6 India Market Size and Forecast (2018-2029)
 - 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
 - 9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Friction Material Products Sales Quantity by Type (2018-2029)

10.2 South America Friction Material Products Sales Quantity by Application (2018-2029)

10.3 South America Friction Material Products Market Size by Country

10.3.1 South America Friction Material Products Sales Quantity by Country (2018-2029)

10.3.2 South America Friction Material Products Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Friction Material Products Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Friction Material Products Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Friction Material Products Market Size by Country

11.3.1 Middle East & Africa Friction Material Products Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Friction Material Products Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Friction Material Products Market Drivers

12.2 Friction Material Products Market Restraints

12.3 Friction Material Products Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

12.5 Influence of COVID-19 and Russia-Ukraine War

12.5.1 Influence of COVID-19

12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Friction Material Products and Key Manufacturers

13.2 Manufacturing Costs Percentage of Friction Material Products

13.3 Friction Material Products Production Process

13.4 Friction Material Products Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Friction Material Products Typical Distributors

14.3 Friction Material Products Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Friction Material Products Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Friction Material Products Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Akebono Brake Basic Information, Manufacturing Base and Competitors

Table 4. Akebono Brake Major Business

Table 5. Akebono Brake Friction Material Products Product and Services

Table 6. Akebono Brake Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Akebono Brake Recent Developments/Updates

Table 8. Nisshinbo Basic Information, Manufacturing Base and Competitors

Table 9. Nisshinbo Major Business

Table 10. Nisshinbo Friction Material Products Product and Services

Table 11. Nisshinbo Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Nisshinbo Recent Developments/Updates

Table 13. Bosch Basic Information, Manufacturing Base and Competitors

Table 14. Bosch Major Business

Table 15. Bosch Friction Material Products Product and Services

Table 16. Bosch Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Bosch Recent Developments/Updates

Table 18. Continental Basic Information, Manufacturing Base and Competitors

Table 19. Continental Major Business

Table 20. Continental Friction Material Products Product and Services

Table 21. Continental Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Continental Recent Developments/Updates

Table 23. GMP Friction Products Basic Information, Manufacturing Base and Competitors

Table 24. GMP Friction Products Major Business

Table 25. GMP Friction Products Friction Material Products Product and Services

Table 26. GMP Friction Products Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share

(2018-2023)

Table 27. GMP Friction Products Recent Developments/Updates

Table 28. Tenneco Basic Information, Manufacturing Base and Competitors

Table 29. Tenneco Major Business

Table 30. Tenneco Friction Material Products Product and Services

Table 31. Tenneco Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Tenneco Recent Developments/Updates

Table 33. Bendix Basic Information, Manufacturing Base and Competitors

Table 34. Bendix Major Business

Table 35. Bendix Friction Material Products Product and Services

Table 36. Bendix Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Bendix Recent Developments/Updates

Table 38. Sangsin Brake Basic Information, Manufacturing Base and Competitors

Table 39. Sangsin Brake Major Business

Table 40. Sangsin Brake Friction Material Products Product and Services

Table 41. Sangsin Brake Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Sangsin Brake Recent Developments/Updates

Table 43. BorgWarner Basic Information, Manufacturing Base and Competitors

Table 44. BorgWarner Major Business

Table 45. BorgWarner Friction Material Products Product and Services

Table 46. BorgWarner Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. BorgWarner Recent Developments/Updates

Table 48. Shandong Longji Basic Information, Manufacturing Base and Competitors

Table 49. Shandong Longji Major Business

Table 50. Shandong Longji Friction Material Products Product and Services

Table 51. Shandong Longji Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Shandong Longji Recent Developments/Updates

Table 53. Shandong Gold Phoenix Basic Information, Manufacturing Base and Competitors

Table 54. Shandong Gold Phoenix Major Business

Table 55. Shandong Gold Phoenix Friction Material Products Product and Services

Table 56. Shandong Gold Phoenix Friction Material Products Sales Quantity (Million

Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Shandong Gold Phoenix Recent Developments/Updates

Table 58. Svendborg Brakes (Altra Motion) Basic Information, Manufacturing Base and Competitors

Table 59. Svendborg Brakes (Altra Motion) Major Business

Table 60. Svendborg Brakes (Altra Motion) Friction Material Products Product and Services

Table 61. Svendborg Brakes (Altra Motion) Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Svendborg Brakes (Altra Motion) Recent Developments/Updates

Table 63. Carlisle Brake & Friction (CBF) Basic Information, Manufacturing Base and Competitors

Table 64. Carlisle Brake & Friction (CBF) Major Business

Table 65. Carlisle Brake & Friction (CBF) Friction Material Products Product and Services

Table 66. Carlisle Brake & Friction (CBF) Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Carlisle Brake & Friction (CBF) Recent Developments/Updates

Table 68. Aisin Chemical Co Basic Information, Manufacturing Base and Competitors

Table 69. Aisin Chemical Co Major Business

Table 70. Aisin Chemical Co Friction Material Products Product and Services

Table 71. Aisin Chemical Co Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Aisin Chemical Co Recent Developments/Updates

Table 73. Schaeffler Basic Information, Manufacturing Base and Competitors

Table 74. Schaeffler Major Business

Table 75. Schaeffler Friction Material Products Product and Services

Table 76. Schaeffler Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Schaeffler Recent Developments/Updates

Table 78. Vulkan Basic Information, Manufacturing Base and Competitors

Table 79. Vulkan Major Business

Table 80. Vulkan Friction Material Products Product and Services

Table 81. Vulkan Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

- Table 82. Vulkan Recent Developments/Updates
- Table 83. BPW Group Basic Information, Manufacturing Base and Competitors
- Table 84. BPW Group Major Business
- Table 85. BPW Group Friction Material Products Product and Services
- Table 86. BPW Group Friction Material Products Sales Quantity (Million Pcs), Average Price (USD/Pcs), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 87. BPW Group Recent Developments/Updates
- Table 88. Global Friction Material Products Sales Quantity by Manufacturer (2018-2023) & (Million Pcs)
- Table 89. Global Friction Material Products Revenue by Manufacturer (2018-2023) & (USD Million)
- Table 90. Global Friction Material Products Average Price by Manufacturer (2018-2023) & (USD/Pcs)
- Table 91. Market Position of Manufacturers in Friction Material Products, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022
- Table 92. Head Office and Friction Material Products Production Site of Key Manufacturer
- Table 93. Friction Material Products Market: Company Product Type Footprint
- Table 94. Friction Material Products Market: Company Product Application Footprint
- Table 95. Friction Material Products New Market Entrants and Barriers to Market Entry
- Table 96. Friction Material Products Mergers, Acquisition, Agreements, and Collaborations
- Table 97. Global Friction Material Products Sales Quantity by Region (2018-2023) & (Million Pcs)
- Table 98. Global Friction Material Products Sales Quantity by Region (2024-2029) & (Million Pcs)
- Table 99. Global Friction Material Products Consumption Value by Region (2018-2023) & (USD Million)
- Table 100. Global Friction Material Products Consumption Value by Region (2024-2029) & (USD Million)
- Table 101. Global Friction Material Products Average Price by Region (2018-2023) & (USD/Pcs)
- Table 102. Global Friction Material Products Average Price by Region (2024-2029) & (USD/Pcs)
- Table 103. Global Friction Material Products Sales Quantity by Type (2018-2023) & (Million Pcs)
- Table 104. Global Friction Material Products Sales Quantity by Type (2024-2029) & (Million Pcs)
- Table 105. Global Friction Material Products Consumption Value by Type (2018-2023)

& (USD Million)

Table 106. Global Friction Material Products Consumption Value by Type (2024-2029)

& (USD Million)

Table 107. Global Friction Material Products Average Price by Type (2018-2023) & (USD/Pcs)

Table 108. Global Friction Material Products Average Price by Type (2024-2029) & (USD/Pcs)

Table 109. Global Friction Material Products Sales Quantity by Application (2018-2023) & (Million Pcs)

Table 110. Global Friction Material Products Sales Quantity by Application (2024-2029) & (Million Pcs)

Table 111. Global Friction Material Products Consumption Value by Application (2018-2023) & (USD Million)

Table 112. Global Friction Material Products Consumption Value by Application (2024-2029) & (USD Million)

Table 113. Global Friction Material Products Average Price by Application (2018-2023) & (USD/Pcs)

Table 114. Global Friction Material Products Average Price by Application (2024-2029) & (USD/Pcs)

Table 115. North America Friction Material Products Sales Quantity by Type (2018-2023) & (Million Pcs)

Table 116. North America Friction Material Products Sales Quantity by Type (2024-2029) & (Million Pcs)

Table 117. North America Friction Material Products Sales Quantity by Application (2018-2023) & (Million Pcs)

Table 118. North America Friction Material Products Sales Quantity by Application (2024-2029) & (Million Pcs)

Table 119. North America Friction Material Products Sales Quantity by Country (2018-2023) & (Million Pcs)

Table 120. North America Friction Material Products Sales Quantity by Country (2024-2029) & (Million Pcs)

Table 121. North America Friction Material Products Consumption Value by Country (2018-2023) & (USD Million)

Table 122. North America Friction Material Products Consumption Value by Country (2024-2029) & (USD Million)

Table 123. Europe Friction Material Products Sales Quantity by Type (2018-2023) & (Million Pcs)

Table 124. Europe Friction Material Products Sales Quantity by Type (2024-2029) & (Million Pcs)

Table 125. Europe Friction Material Products Sales Quantity by Application (2018-2023) & (Million Pcs)

Table 126. Europe Friction Material Products Sales Quantity by Application (2024-2029) & (Million Pcs)

Table 127. Europe Friction Material Products Sales Quantity by Country (2018-2023) & (Million Pcs)

Table 128. Europe Friction Material Products Sales Quantity by Country (2024-2029) & (Million Pcs)

Table 129. Europe Friction Material Products Consumption Value by Country (2018-2023) & (USD Million)

Table 130. Europe Friction Material Products Consumption Value by Country (2024-2029) & (USD Million)

Table 131. Asia-Pacific Friction Material Products Sales Quantity by Type (2018-2023) & (Million Pcs)

Table 132. Asia-Pacific Friction Material Products Sales Quantity by Type (2024-2029) & (Million Pcs)

Table 133. Asia-Pacific Friction Material Products Sales Quantity by Application (2018-2023) & (Million Pcs)

Table 134. Asia-Pacific Friction Material Products Sales Quantity by Application (2024-2029) & (Million Pcs)

Table 135. Asia-Pacific Friction Material Products Sales Quantity by Region (2018-2023) & (Million Pcs)

Table 136. Asia-Pacific Friction Material Products Sales Quantity by Region (2024-2029) & (Million Pcs)

Table 137. Asia-Pacific Friction Material Products Consumption Value by Region (2018-2023) & (USD Million)

Table 138. Asia-Pacific Friction Material Products Consumption Value by Region (2024-2029) & (USD Million)

Table 139. South America Friction Material Products Sales Quantity by Type (2018-2023) & (Million Pcs)

Table 140. South America Friction Material Products Sales Quantity by Type (2024-2029) & (Million Pcs)

Table 141. South America Friction Material Products Sales Quantity by Application (2018-2023) & (Million Pcs)

Table 142. South America Friction Material Products Sales Quantity by Application (2024-2029) & (Million Pcs)

Table 143. South America Friction Material Products Sales Quantity by Country (2018-2023) & (Million Pcs)

Table 144. South America Friction Material Products Sales Quantity by Country

(2024-2029) & (Million Pcs)

Table 145. South America Friction Material Products Consumption Value by Country (2018-2023) & (USD Million)

Table 146. South America Friction Material Products Consumption Value by Country (2024-2029) & (USD Million)

Table 147. Middle East & Africa Friction Material Products Sales Quantity by Type (2018-2023) & (Million Pcs)

Table 148. Middle East & Africa Friction Material Products Sales Quantity by Type (2024-2029) & (Million Pcs)

Table 149. Middle East & Africa Friction Material Products Sales Quantity by Application (2018-2023) & (Million Pcs)

Table 150. Middle East & Africa Friction Material Products Sales Quantity by Application (2024-2029) & (Million Pcs)

Table 151. Middle East & Africa Friction Material Products Sales Quantity by Region (2018-2023) & (Million Pcs)

Table 152. Middle East & Africa Friction Material Products Sales Quantity by Region (2024-2029) & (Million Pcs)

Table 153. Middle East & Africa Friction Material Products Consumption Value by Region (2018-2023) & (USD Million)

Table 154. Middle East & Africa Friction Material Products Consumption Value by Region (2024-2029) & (USD Million)

Table 155. Friction Material Products Raw Material

Table 156. Key Manufacturers of Friction Material Products Raw Materials

Table 157. Friction Material Products Typical Distributors

Table 158. Friction Material Products Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Friction Material Products Picture
- Figure 2. Global Friction Material Products Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Friction Material Products Consumption Value Market Share by Type in 2022
- Figure 4. Brake Pads Examples
- Figure 5. Brake Linings Examples
- Figure 6. Clutch Discs Examples
- Figure 7. Brake Blocks Examples
- Figure 8. Others Examples
- Figure 9. Global Friction Material Products Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 10. Global Friction Material Products Consumption Value Market Share by Application in 2022
- Figure 11. Automotive Examples
- Figure 12. Railway Examples
- Figure 13. Industrial Examples
- Figure 14. Aerospace Examples
- Figure 15. Others Examples
- Figure 16. Global Friction Material Products Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 17. Global Friction Material Products Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 18. Global Friction Material Products Sales Quantity (2018-2029) & (Million Pcs)
- Figure 19. Global Friction Material Products Average Price (2018-2029) & (USD/Pcs)
- Figure 20. Global Friction Material Products Sales Quantity Market Share by Manufacturer in 2022
- Figure 21. Global Friction Material Products Consumption Value Market Share by Manufacturer in 2022
- Figure 22. Producer Shipments of Friction Material Products by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 23. Top 3 Friction Material Products Manufacturer (Consumption Value) Market Share in 2022
- Figure 24. Top 6 Friction Material Products Manufacturer (Consumption Value) Market Share in 2022

Figure 25. Global Friction Material Products Sales Quantity Market Share by Region (2018-2029)

Figure 26. Global Friction Material Products Consumption Value Market Share by Region (2018-2029)

Figure 27. North America Friction Material Products Consumption Value (2018-2029) & (USD Million)

Figure 28. Europe Friction Material Products Consumption Value (2018-2029) & (USD Million)

Figure 29. Asia-Pacific Friction Material Products Consumption Value (2018-2029) & (USD Million)

Figure 30. South America Friction Material Products Consumption Value (2018-2029) & (USD Million)

Figure 31. Middle East & Africa Friction Material Products Consumption Value (2018-2029) & (USD Million)

Figure 32. Global Friction Material Products Sales Quantity Market Share by Type (2018-2029)

Figure 33. Global Friction Material Products Consumption Value Market Share by Type (2018-2029)

Figure 34. Global Friction Material Products Average Price by Type (2018-2029) & (USD/Pcs)

Figure 35. Global Friction Material Products Sales Quantity Market Share by Application (2018-2029)

Figure 36. Global Friction Material Products Consumption Value Market Share by Application (2018-2029)

Figure 37. Global Friction Material Products Average Price by Application (2018-2029) & (USD/Pcs)

Figure 38. North America Friction Material Products Sales Quantity Market Share by Type (2018-2029)

Figure 39. North America Friction Material Products Sales Quantity Market Share by Application (2018-2029)

Figure 40. North America Friction Material Products Sales Quantity Market Share by Country (2018-2029)

Figure 41. North America Friction Material Products Consumption Value Market Share by Country (2018-2029)

Figure 42. United States Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Canada Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Mexico Friction Material Products Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 45. Europe Friction Material Products Sales Quantity Market Share by Type (2018-2029)

Figure 46. Europe Friction Material Products Sales Quantity Market Share by Application (2018-2029)

Figure 47. Europe Friction Material Products Sales Quantity Market Share by Country (2018-2029)

Figure 48. Europe Friction Material Products Consumption Value Market Share by Country (2018-2029)

Figure 49. Germany Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. France Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. United Kingdom Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Russia Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Italy Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Asia-Pacific Friction Material Products Sales Quantity Market Share by Type (2018-2029)

Figure 55. Asia-Pacific Friction Material Products Sales Quantity Market Share by Application (2018-2029)

Figure 56. Asia-Pacific Friction Material Products Sales Quantity Market Share by Region (2018-2029)

Figure 57. Asia-Pacific Friction Material Products Consumption Value Market Share by Region (2018-2029)

Figure 58. China Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Japan Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Korea Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. India Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Southeast Asia Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 63. Australia Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. South America Friction Material Products Sales Quantity Market Share by Type (2018-2029)

Figure 65. South America Friction Material Products Sales Quantity Market Share by Application (2018-2029)

Figure 66. South America Friction Material Products Sales Quantity Market Share by Country (2018-2029)

Figure 67. South America Friction Material Products Consumption Value Market Share by Country (2018-2029)

Figure 68. Brazil Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Argentina Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Middle East & Africa Friction Material Products Sales Quantity Market Share by Type (2018-2029)

Figure 71. Middle East & Africa Friction Material Products Sales Quantity Market Share by Application (2018-2029)

Figure 72. Middle East & Africa Friction Material Products Sales Quantity Market Share by Region (2018-2029)

Figure 73. Middle East & Africa Friction Material Products Consumption Value Market Share by Region (2018-2029)

Figure 74. Turkey Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Egypt Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. Saudi Arabia Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. South Africa Friction Material Products Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 78. Friction Material Products Market Drivers

Figure 79. Friction Material Products Market Restraints

Figure 80. Friction Material Products Market Trends

Figure 81. Porters Five Forces Analysis

Figure 82. Manufacturing Cost Structure Analysis of Friction Material Products in 2022

Figure 83. Manufacturing Process Analysis of Friction Material Products

Figure 84. Friction Material Products Industrial Chain

Figure 85. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

I would like to order

Product name: Global Friction Material Products Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G8F8CB8FAC93EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G8F8CB8FAC93EN.html>

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**

Customer signature _____

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

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

