

Global Automotive Dry Friction Materials Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G89296F21A45EN.html>

Date: August 2026

Pages: 208

Price: US\$ 4,480.00 (Single User License)

ID: G89296F21A45EN

Abstracts

The global Automotive Dry Friction Materials market size is expected to reach \$ 24903 million by 2032, rising at a market growth of 3.5% CAGR during the forecast period (2026-2032).

Automotive dry friction materials are vehicle braking and clutch friction materials designed to operate in air or non-oil-immersed conditions. They are mainly processed into disc brake pads, drum brake linings, dry clutch facings, clutch friction discs and high-performance braking components. Key material systems include NAO organic compounds, semi-metallic/low-metallic materials, ceramic composites, fiber-reinforced resin compounds, rubber-based materials and limited sintered or carbon-based performance materials. Upstream inputs include phenolic resin, aramid fiber, glass fiber, mineral fiber, graphite, rubber, steel/copper fibers, ceramic fillers, friction modifiers and steel backing plates; downstream applications include passenger cars, commercial vehicles.

In 2025, global automotive dry friction materials production reached approximately 1.6 billion pcs, with an average global market price is \$12 per pc.

Automotive dry friction materials are friction-functional materials used in dry automotive transmission and braking systems, operating without oil lubrication or oil-bath cooling. They are mainly applied in dry clutch facings, dry dual-clutch friction elements, disc brake pads, drum brake linings, parking brake linings, and selected dry braking systems for commercial and special-purpose vehicles. Their core function is to transmit torque, disconnect power, decelerate, stop, or hold the vehicle through controlled direct contact between friction surfaces.

By material system, automotive dry friction materials mainly include organic friction materials, semi-metallic friction materials, low-metallic friction materials, ceramic friction materials, sintered metallic friction materials, carbon-based friction materials, and other high-performance composites. Organic materials are typically based on phenolic resin, rubber or elastomer systems, aramid fiber, glass fiber, mineral fiber, fillers, and friction modifiers, and are commonly used in passenger-car clutch facings and comfort-oriented brake pads. Semi-metallic and low-metallic materials place greater emphasis on braking force, heat resistance, and cost balance. Ceramic materials are typically associated with lower noise, lower dust, reduced wear, and better comfort. Sintered metallic and carbon-based materials are more often used in high-temperature, high-load, high-performance, or motorsport braking applications.

By application structure, automotive dry friction materials can be divided into clutch materials and brake-system materials. Dry clutch materials mainly serve manual transmissions, AMTs, dry DCTs, and selected hybrid drivetrains, where key requirements include smooth launch engagement, durability during slipping operation, fade resistance, friction stability, and NVH performance. Dry brake-system materials are mainly used in disc and drum brake pads for passenger cars, light commercial vehicles, medium- and heavy-duty commercial vehicles, and high-performance cars, where braking force, thermal stability, rotor or drum compatibility, noise, dust, wear life, and regulatory compliance are central requirements. Replacement brake linings are also subject to regional safety approval requirements; for example, UNECE Regulation No. 90 applies to replacement brake lining assemblies used in friction braking systems for category M, N, L, and O vehicles.

From an industry perspective, demand for automotive dry friction materials is supported by internal-combustion vehicles, hybrid vehicles, commercial vehicles, and the replacement aftermarket, but is also being reshaped by vehicle electrification and changes in drivetrain architecture. Battery-electric vehicles eliminate the conventional engine-to-transmission dry clutch, creating structural pressure on part of the dry clutch friction material market. However, mechanical braking systems remain necessary in passenger cars, commercial vehicles, and new-energy vehicles, although regenerative braking changes brake-pad wear patterns and usage frequency.

This report studies the global Automotive Dry Friction Materials production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive Dry Friction Materials and provides market size (US\$ million) and Year-over-Year (YoY)

Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automotive Dry Friction Materials that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automotive Dry Friction Materials total production and demand, 2021-2032, (K Pcs)

Global Automotive Dry Friction Materials total production value, 2021-2032, (USD Million)

Global Automotive Dry Friction Materials production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs), (based on production site)

Global Automotive Dry Friction Materials consumption by region & country, CAGR, 2021-2032 & (K Pcs)

U.S. VS China: Automotive Dry Friction Materials domestic production, consumption, key domestic manufacturers and share

Global Automotive Dry Friction Materials production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Pcs)

Global Automotive Dry Friction Materials production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs)

Global Automotive Dry Friction Materials production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs)

This report profiles key players in the global Automotive Dry Friction Materials 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 Schaeffler Friction Products GmbH, Valeo, Miba AG, Carlisle Brake & Friction, EXEDY Corporation, F.C.C., Zhejiang Kema Friction Materials, Tungaloy Corporation, Fricwel Auto, BOSCH, 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 Automotive Dry Friction Materials market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (K Pcs) and average price (US\$/Pc) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Automotive Dry Friction Materials Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automotive Dry Friction Materials Market, Segmentation by Type:

Organic Resin-Based Materials

Semi-Metallic Materials

Ceramic Composite Materials

Others

Global Automotive Dry Friction Materials Market, Segmentation by Component Form:

Brake Pads

Dry Friction Discs

Others

Global Automotive Dry Friction Materials Market, Segmentation by Sales Channel:

OEM

Aftermarket

Global Automotive Dry Friction Materials Market, Segmentation by Application:

Passenger Car

Commercial Vehicle

Companies Profiled:

Schaeffler Friction Products GmbH

Valeo

Miba AG

Carlisle Brake & Friction

EXEDY Corporation

F.C.C.

Zhejiang Kema Friction Materials

Tungaloy Corporation

Fricwel Auto

BOSCH

TMD Friction Group

Tenneco LLC

Akebono Brake Industry

Nisshinbo Brake

Frasle Mobility S.A.

Sangsin Brake

ADVICS

ZF

Brembo

Shandong Gold Phoenix

Shandong Xinyi Auto Parts Manufacturing

Zhuhai Glory Friction Material

Rane Brake Lining Limited

Hindustan Composites Limited

Sundaram Brake Linings Limited

ASK Automotive Limited

ITT Corporation

Jiangsu Fangyi Friction Material

MAT Friction Group

Shandong Double Link Brake Material

Zhejiang Lamda Technology

Hangzhou Annat Industry

Key Questions Answered:

1. How big is the global Automotive Dry Friction Materials market?
2. What is the demand of the global Automotive Dry Friction Materials market?
3. What is the year over year growth of the global Automotive Dry Friction Materials market?
4. What is the production and production value of the global Automotive Dry Friction Materials market?
5. Who are the key producers in the global Automotive Dry Friction Materials market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

1.1 Automotive Dry Friction Materials Introduction

1.2 World Automotive Dry Friction Materials Supply & Forecast

1.2.1 World Automotive Dry Friction Materials Production Value (2021 & 2025 & 2032)

1.2.2 World Automotive Dry Friction Materials Production (2021-2032)

1.2.3 World Automotive Dry Friction Materials Pricing Trends (2021-2032)

1.3 World Automotive Dry Friction Materials Production by Region (Based on Production Site)

1.3.1 World Automotive Dry Friction Materials Production Value by Region (2021-2032)

1.3.2 World Automotive Dry Friction Materials Production by Region (2021-2032)

1.3.3 World Automotive Dry Friction Materials Average Price by Region (2021-2032)

1.3.4 North America Automotive Dry Friction Materials Production (2021-2032)

1.3.5 Europe Automotive Dry Friction Materials Production (2021-2032)

1.3.6 China Automotive Dry Friction Materials Production (2021-2032)

1.3.7 Japan Automotive Dry Friction Materials Production (2021-2032)

1.4 Market Drivers, Restraints and Trends

1.4.1 Automotive Dry Friction Materials Market Drivers

1.4.2 Factors Affecting Demand

1.4.3 Automotive Dry Friction Materials Major Market Trends

2 DEMAND SUMMARY

2.1 World Automotive Dry Friction Materials Demand (2021-2032)

2.2 World Automotive Dry Friction Materials Consumption by Region

2.2.1 World Automotive Dry Friction Materials Consumption by Region (2021-2026)

2.2.2 World Automotive Dry Friction Materials Consumption Forecast by Region (2027-2032)

2.3 United States Automotive Dry Friction Materials Consumption (2021-2032)

2.4 China Automotive Dry Friction Materials Consumption (2021-2032)

2.5 Europe Automotive Dry Friction Materials Consumption (2021-2032)

2.6 Japan Automotive Dry Friction Materials Consumption (2021-2032)

2.7 South Korea Automotive Dry Friction Materials Consumption (2021-2032)

2.8 ASEAN Automotive Dry Friction Materials Consumption (2021-2032)

2.9 India Automotive Dry Friction Materials Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Automotive Dry Friction Materials Production Value by Manufacturer (2021-2026)

3.2 World Automotive Dry Friction Materials Production by Manufacturer (2021-2026)

3.3 World Automotive Dry Friction Materials Average Price by Manufacturer (2021-2026)

3.4 Automotive Dry Friction Materials Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Automotive Dry Friction Materials Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Automotive Dry Friction Materials in 2025

3.5.3 Global Concentration Ratios (CR8) for Automotive Dry Friction Materials in 2025

3.6 Automotive Dry Friction Materials Market: Overall Company Footprint Analysis

3.6.1 Automotive Dry Friction Materials Market: Region Footprint

3.6.2 Automotive Dry Friction Materials Market: Company Product Type Footprint

3.6.3 Automotive Dry Friction Materials 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: Automotive Dry Friction Materials Production Value Comparison

4.1.1 United States VS China: Automotive Dry Friction Materials Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Automotive Dry Friction Materials Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Automotive Dry Friction Materials Production Comparison

4.2.1 United States VS China: Automotive Dry Friction Materials Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Automotive Dry Friction Materials Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Automotive Dry Friction Materials Consumption Comparison

4.3.1 United States VS China: Automotive Dry Friction Materials Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Automotive Dry Friction Materials Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Automotive Dry Friction Materials Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Automotive Dry Friction Materials Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Automotive Dry Friction Materials Production Value (2021-2026)

4.4.3 United States Based Manufacturers Automotive Dry Friction Materials Production (2021-2026)

4.5 China Based Automotive Dry Friction Materials Manufacturers and Market Share

4.5.1 China Based Automotive Dry Friction Materials Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Automotive Dry Friction Materials Production Value (2021-2026)

4.5.3 China Based Manufacturers Automotive Dry Friction Materials Production (2021-2026)

4.6 Rest of World Based Automotive Dry Friction Materials Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Automotive Dry Friction Materials Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Automotive Dry Friction Materials Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Automotive Dry Friction Materials Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Automotive Dry Friction Materials Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Organic Resin-Based Materials

5.2.2 Semi-Metallic Materials

5.2.3 Ceramic Composite Materials

5.2.4 Others

5.3 Market Segment by Type

5.3.1 World Automotive Dry Friction Materials Production by Type (2021-2032)

5.3.2 World Automotive Dry Friction Materials Production Value by Type (2021-2032)

5.3.3 World Automotive Dry Friction Materials Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY COMPONENT FORM

6.1 World Automotive Dry Friction Materials Market Size Overview by Component Form:
2021 VS 2025 VS 2032

6.2 Segment Introduction by Component Form

6.2.1 Brake Pads

6.2.2 Dry Friction Discs

6.2.3 Others

6.3 Market Segment by Component Form

6.3.1 World Automotive Dry Friction Materials Production by Component Form
(2021-2032)

6.3.2 World Automotive Dry Friction Materials Production Value by Component Form
(2021-2032)

6.3.3 World Automotive Dry Friction Materials Average Price by Component Form
(2021-2032)

7 MARKET ANALYSIS BY SALES CHANNEL

7.1 World Automotive Dry Friction Materials Market Size Overview by Sales Channel:
2021 VS 2025 VS 2032

7.2 Segment Introduction by Sales Channel

7.2.1 OEM

7.2.2 Aftermarket

7.3 Market Segment by Sales Channel

7.3.1 World Automotive Dry Friction Materials Production by Sales Channel
(2021-2032)

7.3.2 World Automotive Dry Friction Materials Production Value by Sales Channel
(2021-2032)

7.3.3 World Automotive Dry Friction Materials Average Price by Sales Channel
(2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Automotive Dry Friction Materials Market Size Overview by Application: 2021
VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Passenger Car

8.2.2 Commercial Vehicle

8.3 Market Segment by Application

8.3.1 World Automotive Dry Friction Materials Production by Application (2021-2032)

8.3.2 World Automotive Dry Friction Materials Production Value by Application
(2021-2032)

8.3.3 World Automotive Dry Friction Materials Average Price by Application
(2021-2032)

9 COMPANY PROFILES

9.1 Schaeffler Friction Products GmbH

9.1.1 Schaeffler Friction Products GmbH Details

9.1.2 Schaeffler Friction Products GmbH Major Business

9.1.3 Schaeffler Friction Products GmbH Automotive Dry Friction Materials Product
and Services

9.1.4 Schaeffler Friction Products GmbH Automotive Dry Friction Materials Production,
Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Schaeffler Friction Products GmbH Recent Developments/Updates

9.1.6 Schaeffler Friction Products GmbH Competitive Strengths & Weaknesses

9.2 Valeo

9.2.1 Valeo Details

9.2.2 Valeo Major Business

9.2.3 Valeo Automotive Dry Friction Materials Product and Services

9.2.4 Valeo Automotive Dry Friction Materials Production, Price, Value, Gross Margin
and Market Share (2021-2026)

9.2.5 Valeo Recent Developments/Updates

9.2.6 Valeo Competitive Strengths & Weaknesses

9.3 Miba AG

9.3.1 Miba AG Details

9.3.2 Miba AG Major Business

9.3.3 Miba AG Automotive Dry Friction Materials Product and Services

9.3.4 Miba AG Automotive Dry Friction Materials Production, Price, Value, Gross
Margin and Market Share (2021-2026)

9.3.5 Miba AG Recent Developments/Updates

9.3.6 Miba AG Competitive Strengths & Weaknesses

9.4 Carlisle Brake & Friction

9.4.1 Carlisle Brake & Friction Details

9.4.2 Carlisle Brake & Friction Major Business

- 9.4.3 Carlisle Brake & Friction Automotive Dry Friction Materials Product and Services
- 9.4.4 Carlisle Brake & Friction Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.4.5 Carlisle Brake & Friction Recent Developments/Updates
- 9.4.6 Carlisle Brake & Friction Competitive Strengths & Weaknesses
- 9.5 EXEDY Corporation
 - 9.5.1 EXEDY Corporation Details
 - 9.5.2 EXEDY Corporation Major Business
 - 9.5.3 EXEDY Corporation Automotive Dry Friction Materials Product and Services
 - 9.5.4 EXEDY Corporation Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 EXEDY Corporation Recent Developments/Updates
 - 9.5.6 EXEDY Corporation Competitive Strengths & Weaknesses
- 9.6 F.C.C.
 - 9.6.1 F.C.C. Details
 - 9.6.2 F.C.C. Major Business
 - 9.6.3 F.C.C. Automotive Dry Friction Materials Product and Services
 - 9.6.4 F.C.C. Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.6.5 F.C.C. Recent Developments/Updates
 - 9.6.6 F.C.C. Competitive Strengths & Weaknesses
- 9.7 Zhejiang Kema Friction Materials
 - 9.7.1 Zhejiang Kema Friction Materials Details
 - 9.7.2 Zhejiang Kema Friction Materials Major Business
 - 9.7.3 Zhejiang Kema Friction Materials Automotive Dry Friction Materials Product and Services
 - 9.7.4 Zhejiang Kema Friction Materials Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 Zhejiang Kema Friction Materials Recent Developments/Updates
 - 9.7.6 Zhejiang Kema Friction Materials Competitive Strengths & Weaknesses
- 9.8 Tungaloy Corporation
 - 9.8.1 Tungaloy Corporation Details
 - 9.8.2 Tungaloy Corporation Major Business
 - 9.8.3 Tungaloy Corporation Automotive Dry Friction Materials Product and Services
 - 9.8.4 Tungaloy Corporation Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Tungaloy Corporation Recent Developments/Updates
 - 9.8.6 Tungaloy Corporation Competitive Strengths & Weaknesses
- 9.9 Fricwel Auto

- 9.9.1 Fricwel Auto Details
- 9.9.2 Fricwel Auto Major Business
- 9.9.3 Fricwel Auto Automotive Dry Friction Materials Product and Services
- 9.9.4 Fricwel Auto Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.9.5 Fricwel Auto Recent Developments/Updates
- 9.9.6 Fricwel Auto Competitive Strengths & Weaknesses
- 9.10 BOSCH
 - 9.10.1 BOSCH Details
 - 9.10.2 BOSCH Major Business
 - 9.10.3 BOSCH Automotive Dry Friction Materials Product and Services
 - 9.10.4 BOSCH Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 BOSCH Recent Developments/Updates
 - 9.10.6 BOSCH Competitive Strengths & Weaknesses
- 9.11 TMD Friction Group
 - 9.11.1 TMD Friction Group Details
 - 9.11.2 TMD Friction Group Major Business
 - 9.11.3 TMD Friction Group Automotive Dry Friction Materials Product and Services
 - 9.11.4 TMD Friction Group Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 TMD Friction Group Recent Developments/Updates
 - 9.11.6 TMD Friction Group Competitive Strengths & Weaknesses
- 9.12 Tenneco LLC
 - 9.12.1 Tenneco LLC Details
 - 9.12.2 Tenneco LLC Major Business
 - 9.12.3 Tenneco LLC Automotive Dry Friction Materials Product and Services
 - 9.12.4 Tenneco LLC Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 Tenneco LLC Recent Developments/Updates
 - 9.12.6 Tenneco LLC Competitive Strengths & Weaknesses
- 9.13 Akebono Brake Industry
 - 9.13.1 Akebono Brake Industry Details
 - 9.13.2 Akebono Brake Industry Major Business
 - 9.13.3 Akebono Brake Industry Automotive Dry Friction Materials Product and Services
 - 9.13.4 Akebono Brake Industry Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 Akebono Brake Industry Recent Developments/Updates

9.13.6 Akebono Brake Industry Competitive Strengths & Weaknesses

9.14 Nisshinbo Brake

9.14.1 Nisshinbo Brake Details

9.14.2 Nisshinbo Brake Major Business

9.14.3 Nisshinbo Brake Automotive Dry Friction Materials Product and Services

9.14.4 Nisshinbo Brake Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.14.5 Nisshinbo Brake Recent Developments/Updates

9.14.6 Nisshinbo Brake Competitive Strengths & Weaknesses

9.15 Frasle Mobility S.A.

9.15.1 Frasle Mobility S.A. Details

9.15.2 Frasle Mobility S.A. Major Business

9.15.3 Frasle Mobility S.A. Automotive Dry Friction Materials Product and Services

9.15.4 Frasle Mobility S.A. Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.15.5 Frasle Mobility S.A. Recent Developments/Updates

9.15.6 Frasle Mobility S.A. Competitive Strengths & Weaknesses

9.16 Sangsin Brake

9.16.1 Sangsin Brake Details

9.16.2 Sangsin Brake Major Business

9.16.3 Sangsin Brake Automotive Dry Friction Materials Product and Services

9.16.4 Sangsin Brake Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.16.5 Sangsin Brake Recent Developments/Updates

9.16.6 Sangsin Brake Competitive Strengths & Weaknesses

9.17 ADVICS

9.17.1 ADVICS Details

9.17.2 ADVICS Major Business

9.17.3 ADVICS Automotive Dry Friction Materials Product and Services

9.17.4 ADVICS Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.17.5 ADVICS Recent Developments/Updates

9.17.6 ADVICS Competitive Strengths & Weaknesses

9.18 ZF

9.18.1 ZF Details

9.18.2 ZF Major Business

9.18.3 ZF Automotive Dry Friction Materials Product and Services

9.18.4 ZF Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 9.18.5 ZF Recent Developments/Updates
- 9.18.6 ZF Competitive Strengths & Weaknesses
- 9.19 Brembo
 - 9.19.1 Brembo Details
 - 9.19.2 Brembo Major Business
 - 9.19.3 Brembo Automotive Dry Friction Materials Product and Services
 - 9.19.4 Brembo Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.19.5 Brembo Recent Developments/Updates
 - 9.19.6 Brembo Competitive Strengths & Weaknesses
- 9.20 Shandong Gold Phoenix
 - 9.20.1 Shandong Gold Phoenix Details
 - 9.20.2 Shandong Gold Phoenix Major Business
 - 9.20.3 Shandong Gold Phoenix Automotive Dry Friction Materials Product and Services
 - 9.20.4 Shandong Gold Phoenix Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.20.5 Shandong Gold Phoenix Recent Developments/Updates
 - 9.20.6 Shandong Gold Phoenix Competitive Strengths & Weaknesses
- 9.21 Shandong Xinyi Auto Parts Manufacturing
 - 9.21.1 Shandong Xinyi Auto Parts Manufacturing Details
 - 9.21.2 Shandong Xinyi Auto Parts Manufacturing Major Business
 - 9.21.3 Shandong Xinyi Auto Parts Manufacturing Automotive Dry Friction Materials Product and Services
 - 9.21.4 Shandong Xinyi Auto Parts Manufacturing Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.21.5 Shandong Xinyi Auto Parts Manufacturing Recent Developments/Updates
 - 9.21.6 Shandong Xinyi Auto Parts Manufacturing Competitive Strengths & Weaknesses
- 9.22 Zhuhai Glory Friction Material
 - 9.22.1 Zhuhai Glory Friction Material Details
 - 9.22.2 Zhuhai Glory Friction Material Major Business
 - 9.22.3 Zhuhai Glory Friction Material Automotive Dry Friction Materials Product and Services
 - 9.22.4 Zhuhai Glory Friction Material Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.22.5 Zhuhai Glory Friction Material Recent Developments/Updates
 - 9.22.6 Zhuhai Glory Friction Material Competitive Strengths & Weaknesses
- 9.23 Rane Brake Lining Limited

- 9.23.1 Rane Brake Lining Limited Details
- 9.23.2 Rane Brake Lining Limited Major Business
- 9.23.3 Rane Brake Lining Limited Automotive Dry Friction Materials Product and Services
- 9.23.4 Rane Brake Lining Limited Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.23.5 Rane Brake Lining Limited Recent Developments/Updates
- 9.23.6 Rane Brake Lining Limited Competitive Strengths & Weaknesses
- 9.24 Hindustan Composites Limited
 - 9.24.1 Hindustan Composites Limited Details
 - 9.24.2 Hindustan Composites Limited Major Business
 - 9.24.3 Hindustan Composites Limited Automotive Dry Friction Materials Product and Services
 - 9.24.4 Hindustan Composites Limited Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.24.5 Hindustan Composites Limited Recent Developments/Updates
 - 9.24.6 Hindustan Composites Limited Competitive Strengths & Weaknesses
- 9.25 Sundaram Brake Linings Limited
 - 9.25.1 Sundaram Brake Linings Limited Details
 - 9.25.2 Sundaram Brake Linings Limited Major Business
 - 9.25.3 Sundaram Brake Linings Limited Automotive Dry Friction Materials Product and Services
 - 9.25.4 Sundaram Brake Linings Limited Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.25.5 Sundaram Brake Linings Limited Recent Developments/Updates
 - 9.25.6 Sundaram Brake Linings Limited Competitive Strengths & Weaknesses
- 9.26 ASK Automotive Limited
 - 9.26.1 ASK Automotive Limited Details
 - 9.26.2 ASK Automotive Limited Major Business
 - 9.26.3 ASK Automotive Limited Automotive Dry Friction Materials Product and Services
 - 9.26.4 ASK Automotive Limited Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.26.5 ASK Automotive Limited Recent Developments/Updates
 - 9.26.6 ASK Automotive Limited Competitive Strengths & Weaknesses
- 9.27 ITT Corporation
 - 9.27.1 ITT Corporation Details
 - 9.27.2 ITT Corporation Major Business
 - 9.27.3 ITT Corporation Automotive Dry Friction Materials Product and Services

9.27.4 ITT Corporation Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.27.5 ITT Corporation Recent Developments/Updates

9.27.6 ITT Corporation Competitive Strengths & Weaknesses

9.28 Jiangsu Fangyi Friction Material

9.28.1 Jiangsu Fangyi Friction Material Details

9.28.2 Jiangsu Fangyi Friction Material Major Business

9.28.3 Jiangsu Fangyi Friction Material Automotive Dry Friction Materials Product and Services

9.28.4 Jiangsu Fangyi Friction Material Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.28.5 Jiangsu Fangyi Friction Material Recent Developments/Updates

9.28.6 Jiangsu Fangyi Friction Material Competitive Strengths & Weaknesses

9.29 MAT Friction Group

9.29.1 MAT Friction Group Details

9.29.2 MAT Friction Group Major Business

9.29.3 MAT Friction Group Automotive Dry Friction Materials Product and Services

9.29.4 MAT Friction Group Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.29.5 MAT Friction Group Recent Developments/Updates

9.29.6 MAT Friction Group Competitive Strengths & Weaknesses

9.30 Shandong Double Link Brake Material

9.30.1 Shandong Double Link Brake Material Details

9.30.2 Shandong Double Link Brake Material Major Business

9.30.3 Shandong Double Link Brake Material Automotive Dry Friction Materials Product and Services

9.30.4 Shandong Double Link Brake Material Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.30.5 Shandong Double Link Brake Material Recent Developments/Updates

9.30.6 Shandong Double Link Brake Material Competitive Strengths & Weaknesses

9.31 Zhejiang Lamda Technology

9.31.1 Zhejiang Lamda Technology Details

9.31.2 Zhejiang Lamda Technology Major Business

9.31.3 Zhejiang Lamda Technology Automotive Dry Friction Materials Product and Services

9.31.4 Zhejiang Lamda Technology Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.31.5 Zhejiang Lamda Technology Recent Developments/Updates

9.31.6 Zhejiang Lamda Technology Competitive Strengths & Weaknesses

9.32 Hangzhou Annat Industry

9.32.1 Hangzhou Annat Industry Details

9.32.2 Hangzhou Annat Industry Major Business

9.32.3 Hangzhou Annat Industry Automotive Dry Friction Materials Product and Services

9.32.4 Hangzhou Annat Industry Automotive Dry Friction Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.32.5 Hangzhou Annat Industry Recent Developments/Updates

9.32.6 Hangzhou Annat Industry Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Automotive Dry Friction Materials Industry Chain

10.2 Automotive Dry Friction Materials Upstream Analysis

10.2.1 Automotive Dry Friction Materials Core Raw Materials

10.2.2 Main Manufacturers of Automotive Dry Friction Materials Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Automotive Dry Friction Materials Production Mode

10.6 Automotive Dry Friction Materials Procurement Model

10.7 Automotive Dry Friction Materials Industry Sales Model and Sales Channels

10.7.1 Automotive Dry Friction Materials Sales Model

10.7.2 Automotive Dry Friction Materials Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Automotive Dry Friction Materials Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Automotive Dry Friction Materials Production Value by Region (2021-2026) & (USD Million)

Table 3. World Automotive Dry Friction Materials Production Value by Region (2027-2032) & (USD Million)

Table 4. World Automotive Dry Friction Materials Production Value Market Share by Region (2021-2026)

Table 5. World Automotive Dry Friction Materials Production Value Market Share by Region (2027-2032)

Table 6. World Automotive Dry Friction Materials Production by Region (2021-2026) & (K Pcs)

Table 7. World Automotive Dry Friction Materials Production by Region (2027-2032) & (K Pcs)

Table 8. World Automotive Dry Friction Materials Production Market Share by Region (2021-2026)

Table 9. World Automotive Dry Friction Materials Production Market Share by Region (2027-2032)

Table 10. World Automotive Dry Friction Materials Average Price by Region (2021-2026) & (US\$/Pc)

Table 11. World Automotive Dry Friction Materials Average Price by Region (2027-2032) & (US\$/Pc)

Table 12. Automotive Dry Friction Materials Major Market Trends

Table 13. World Automotive Dry Friction Materials Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Pcs)

Table 14. World Automotive Dry Friction Materials Consumption by Region (2021-2026) & (K Pcs)

Table 15. World Automotive Dry Friction Materials Consumption Forecast by Region (2027-2032) & (K Pcs)

Table 16. World Automotive Dry Friction Materials Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Automotive Dry Friction Materials Producers in 2025

Table 18. World Automotive Dry Friction Materials Production by Manufacturer (2021-2026) & (K Pcs)

Table 19. Production Market Share of Key Automotive Dry Friction Materials Producers in 2025

Table 20. World Automotive Dry Friction Materials Average Price by Manufacturer (2021-2026) & (US\$/Pc)

Table 21. Global Automotive Dry Friction Materials Company Evaluation Quadrant

Table 22. World Automotive Dry Friction Materials Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Automotive Dry Friction Materials Production Site of Key Manufacturer

Table 24. Automotive Dry Friction Materials Market: Company Product Type Footprint

Table 25. Automotive Dry Friction Materials Market: Company Product Application Footprint

Table 26. Automotive Dry Friction Materials Competitive Factors

Table 27. Automotive Dry Friction Materials New Entrant and Capacity Expansion Plans

Table 28. Automotive Dry Friction Materials Mergers & Acquisitions Activity

Table 29. United States VS China Automotive Dry Friction Materials Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Automotive Dry Friction Materials Production Comparison, (2021 & 2025 & 2032) & (K Pcs)

Table 31. United States VS China Automotive Dry Friction Materials Consumption Comparison, (2021 & 2025 & 2032) & (K Pcs)

Table 32. United States Based Automotive Dry Friction Materials Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Automotive Dry Friction Materials Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Automotive Dry Friction Materials Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Automotive Dry Friction Materials Production (2021-2026) & (K Pcs)

Table 36. United States Based Manufacturers Automotive Dry Friction Materials Production Market Share (2021-2026)

Table 37. China Based Automotive Dry Friction Materials Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Automotive Dry Friction Materials Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Automotive Dry Friction Materials Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Automotive Dry Friction Materials Production, (2021-2026) & (K Pcs)

Table 41. China Based Manufacturers Automotive Dry Friction Materials Production Market Share (2021-2026)

Table 42. Rest of World Based Automotive Dry Friction Materials Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Automotive Dry Friction Materials Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Automotive Dry Friction Materials Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Automotive Dry Friction Materials Production, (2021-2026) & (K Pcs)

Table 46. Rest of World Based Manufacturers Automotive Dry Friction Materials Production Market Share (2021-2026)

Table 47. World Automotive Dry Friction Materials Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Automotive Dry Friction Materials Production by Type (2021-2026) & (K Pcs)

Table 49. World Automotive Dry Friction Materials Production by Type (2027-2032) & (K Pcs)

Table 50. World Automotive Dry Friction Materials Production Value by Type (2021-2026) & (USD Million)

Table 51. World Automotive Dry Friction Materials Production Value by Type (2027-2032) & (USD Million)

Table 52. World Automotive Dry Friction Materials Average Price by Type (2021-2026) & (US\$/Pc)

Table 53. World Automotive Dry Friction Materials Average Price by Type (2027-2032) & (US\$/Pc)

Table 54. World Automotive Dry Friction Materials Production Value by Component Form, (USD Million), 2021 & 2025 & 2032

Table 55. World Automotive Dry Friction Materials Production by Component Form (2021-2026) & (K Pcs)

Table 56. World Automotive Dry Friction Materials Production by Component Form (2027-2032) & (K Pcs)

Table 57. World Automotive Dry Friction Materials Production Value by Component Form (2021-2026) & (USD Million)

Table 58. World Automotive Dry Friction Materials Production Value by Component Form (2027-2032) & (USD Million)

Table 59. World Automotive Dry Friction Materials Average Price by Component Form (2021-2026) & (US\$/Pc)

Table 60. World Automotive Dry Friction Materials Average Price by Component Form

(2027-2032) & (US\$/Pc)

Table 61. World Automotive Dry Friction Materials Production Value by Sales Channel, (USD Million), 2021 & 2025 & 2032

Table 62. World Automotive Dry Friction Materials Production by Sales Channel (2021-2026) & (K Pcs)

Table 63. World Automotive Dry Friction Materials Production by Sales Channel (2027-2032) & (K Pcs)

Table 64. World Automotive Dry Friction Materials Production Value by Sales Channel (2021-2026) & (USD Million)

Table 65. World Automotive Dry Friction Materials Production Value by Sales Channel (2027-2032) & (USD Million)

Table 66. World Automotive Dry Friction Materials Average Price by Sales Channel (2021-2026) & (US\$/Pc)

Table 67. World Automotive Dry Friction Materials Average Price by Sales Channel (2027-2032) & (US\$/Pc)

Table 68. World Automotive Dry Friction Materials Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Automotive Dry Friction Materials Production by Application (2021-2026) & (K Pcs)

Table 70. World Automotive Dry Friction Materials Production by Application (2027-2032) & (K Pcs)

Table 71. World Automotive Dry Friction Materials Production Value by Application (2021-2026) & (USD Million)

Table 72. World Automotive Dry Friction Materials Production Value by Application (2027-2032) & (USD Million)

Table 73. World Automotive Dry Friction Materials Average Price by Application (2021-2026) & (US\$/Pc)

Table 74. World Automotive Dry Friction Materials Average Price by Application (2027-2032) & (US\$/Pc)

Table 75. Schaeffler Friction Products GmbH Basic Information, Manufacturing Base and Competitors

Table 76. Schaeffler Friction Products GmbH Major Business

Table 77. Schaeffler Friction Products GmbH Automotive Dry Friction Materials Product and Services

Table 78. Schaeffler Friction Products GmbH Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Schaeffler Friction Products GmbH Recent Developments/Updates

Table 80. Schaeffler Friction Products GmbH Competitive Strengths & Weaknesses

Table 81. Valeo Basic Information, Manufacturing Base and Competitors

Table 82. Valeo Major Business

Table 83. Valeo Automotive Dry Friction Materials Product and Services

Table 84. Valeo Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Valeo Recent Developments/Updates

Table 86. Valeo Competitive Strengths & Weaknesses

Table 87. Miba AG Basic Information, Manufacturing Base and Competitors

Table 88. Miba AG Major Business

Table 89. Miba AG Automotive Dry Friction Materials Product and Services

Table 90. Miba AG Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Miba AG Recent Developments/Updates

Table 92. Miba AG Competitive Strengths & Weaknesses

Table 93. Carlisle Brake & Friction Basic Information, Manufacturing Base and Competitors

Table 94. Carlisle Brake & Friction Major Business

Table 95. Carlisle Brake & Friction Automotive Dry Friction Materials Product and Services

Table 96. Carlisle Brake & Friction Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Carlisle Brake & Friction Recent Developments/Updates

Table 98. Carlisle Brake & Friction Competitive Strengths & Weaknesses

Table 99. EXEDY Corporation Basic Information, Manufacturing Base and Competitors

Table 100. EXEDY Corporation Major Business

Table 101. EXEDY Corporation Automotive Dry Friction Materials Product and Services

Table 102. EXEDY Corporation Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. EXEDY Corporation Recent Developments/Updates

Table 104. EXEDY Corporation Competitive Strengths & Weaknesses

Table 105. F.C.C. Basic Information, Manufacturing Base and Competitors

Table 106. F.C.C. Major Business

Table 107. F.C.C. Automotive Dry Friction Materials Product and Services

Table 108. F.C.C. Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. F.C.C. Recent Developments/Updates

Table 110. F.C.C. Competitive Strengths & Weaknesses

Table 111. Zhejiang Kema Friction Materials Basic Information, Manufacturing Base and Competitors

Table 112. Zhejiang Kema Friction Materials Major Business

Table 113. Zhejiang Kema Friction Materials Automotive Dry Friction Materials Product and Services

Table 114. Zhejiang Kema Friction Materials Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Zhejiang Kema Friction Materials Recent Developments/Updates

Table 116. Zhejiang Kema Friction Materials Competitive Strengths & Weaknesses

Table 117. Tungaloy Corporation Basic Information, Manufacturing Base and Competitors

Table 118. Tungaloy Corporation Major Business

Table 119. Tungaloy Corporation Automotive Dry Friction Materials Product and Services

Table 120. Tungaloy Corporation Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Tungaloy Corporation Recent Developments/Updates

Table 122. Tungaloy Corporation Competitive Strengths & Weaknesses

Table 123. Fricwel Auto Basic Information, Manufacturing Base and Competitors

Table 124. Fricwel Auto Major Business

Table 125. Fricwel Auto Automotive Dry Friction Materials Product and Services

Table 126. Fricwel Auto Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Fricwel Auto Recent Developments/Updates

Table 128. Fricwel Auto Competitive Strengths & Weaknesses

Table 129. BOSCH Basic Information, Manufacturing Base and Competitors

Table 130. BOSCH Major Business

Table 131. BOSCH Automotive Dry Friction Materials Product and Services

Table 132. BOSCH Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. BOSCH Recent Developments/Updates

Table 134. BOSCH Competitive Strengths & Weaknesses

Table 135. TMD Friction Group Basic Information, Manufacturing Base and Competitors

Table 136. TMD Friction Group Major Business

Table 137. TMD Friction Group Automotive Dry Friction Materials Product and Services

Table 138. TMD Friction Group Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 139. TMD Friction Group Recent Developments/Updates

Table 140. TMD Friction Group Competitive Strengths & Weaknesses

Table 141. Tenneco LLC Basic Information, Manufacturing Base and Competitors

Table 142. Tenneco LLC Major Business

Table 143. Tenneco LLC Automotive Dry Friction Materials Product and Services

Table 144. Tenneco LLC Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Tenneco LLC Recent Developments/Updates

Table 146. Tenneco LLC Competitive Strengths & Weaknesses

Table 147. Akebono Brake Industry Basic Information, Manufacturing Base and Competitors

Table 148. Akebono Brake Industry Major Business

Table 149. Akebono Brake Industry Automotive Dry Friction Materials Product and Services

Table 150. Akebono Brake Industry Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Akebono Brake Industry Recent Developments/Updates

Table 152. Akebono Brake Industry Competitive Strengths & Weaknesses

Table 153. Nisshinbo Brake Basic Information, Manufacturing Base and Competitors

Table 154. Nisshinbo Brake Major Business

Table 155. Nisshinbo Brake Automotive Dry Friction Materials Product and Services

Table 156. Nisshinbo Brake Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Nisshinbo Brake Recent Developments/Updates

Table 158. Nisshinbo Brake Competitive Strengths & Weaknesses

Table 159. Frasle Mobility S.A. Basic Information, Manufacturing Base and Competitors

Table 160. Frasle Mobility S.A. Major Business

Table 161. Frasle Mobility S.A. Automotive Dry Friction Materials Product and Services

Table 162. Frasle Mobility S.A. Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Frasle Mobility S.A. Recent Developments/Updates

Table 164. Frasle Mobility S.A. Competitive Strengths & Weaknesses

Table 165. Sangsin Brake Basic Information, Manufacturing Base and Competitors

Table 166. Sangsin Brake Major Business

Table 167. Sangsin Brake Automotive Dry Friction Materials Product and Services

Table 168. Sangsin Brake Automotive Dry Friction Materials Production (K Pcs), Price

(US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. Sangsin Brake Recent Developments/Updates

Table 170. Sangsin Brake Competitive Strengths & Weaknesses

Table 171. ADVICS Basic Information, Manufacturing Base and Competitors

Table 172. ADVICS Major Business

Table 173. ADVICS Automotive Dry Friction Materials Product and Services

Table 174. ADVICS Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 175. ADVICS Recent Developments/Updates

Table 176. ADVICS Competitive Strengths & Weaknesses

Table 177. ZF Basic Information, Manufacturing Base and Competitors

Table 178. ZF Major Business

Table 179. ZF Automotive Dry Friction Materials Product and Services

Table 180. ZF Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 181. ZF Recent Developments/Updates

Table 182. ZF Competitive Strengths & Weaknesses

Table 183. Brembo Basic Information, Manufacturing Base and Competitors

Table 184. Brembo Major Business

Table 185. Brembo Automotive Dry Friction Materials Product and Services

Table 186. Brembo Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 187. Brembo Recent Developments/Updates

Table 188. Brembo Competitive Strengths & Weaknesses

Table 189. Shandong Gold Phoenix Basic Information, Manufacturing Base and Competitors

Table 190. Shandong Gold Phoenix Major Business

Table 191. Shandong Gold Phoenix Automotive Dry Friction Materials Product and Services

Table 192. Shandong Gold Phoenix Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 193. Shandong Gold Phoenix Recent Developments/Updates

Table 194. Shandong Gold Phoenix Competitive Strengths & Weaknesses

Table 195. Shandong Xinyi Auto Parts Manufacturing Basic Information, Manufacturing Base and Competitors

Table 196. Shandong Xinyi Auto Parts Manufacturing Major Business

Table 197. Shandong Xinyi Auto Parts Manufacturing Automotive Dry Friction Materials Product and Services

Table 198. Shandong Xinyi Auto Parts Manufacturing Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 199. Shandong Xinyi Auto Parts Manufacturing Recent Developments/Updates

Table 200. Shandong Xinyi Auto Parts Manufacturing Competitive Strengths & Weaknesses

Table 201. Zhuhai Glory Friction Material Basic Information, Manufacturing Base and Competitors

Table 202. Zhuhai Glory Friction Material Major Business

Table 203. Zhuhai Glory Friction Material Automotive Dry Friction Materials Product and Services

Table 204. Zhuhai Glory Friction Material Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 205. Zhuhai Glory Friction Material Recent Developments/Updates

Table 206. Zhuhai Glory Friction Material Competitive Strengths & Weaknesses

Table 207. Rane Brake Lining Limited Basic Information, Manufacturing Base and Competitors

Table 208. Rane Brake Lining Limited Major Business

Table 209. Rane Brake Lining Limited Automotive Dry Friction Materials Product and Services

Table 210. Rane Brake Lining Limited Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 211. Rane Brake Lining Limited Recent Developments/Updates

Table 212. Rane Brake Lining Limited Competitive Strengths & Weaknesses

Table 213. Hindustan Composites Limited Basic Information, Manufacturing Base and Competitors

Table 214. Hindustan Composites Limited Major Business

Table 215. Hindustan Composites Limited Automotive Dry Friction Materials Product and Services

Table 216. Hindustan Composites Limited Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 217. Hindustan Composites Limited Recent Developments/Updates

Table 218. Hindustan Composites Limited Competitive Strengths & Weaknesses

Table 219. Sundaram Brake Linings Limited Basic Information, Manufacturing Base and Competitors

Table 220. Sundaram Brake Linings Limited Major Business

Table 221. Sundaram Brake Linings Limited Automotive Dry Friction Materials Product and Services

Table 222. Sundaram Brake Linings Limited Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 223. Sundaram Brake Linings Limited Recent Developments/Updates

Table 224. Sundaram Brake Linings Limited Competitive Strengths & Weaknesses

Table 225. ASK Automotive Limited Basic Information, Manufacturing Base and Competitors

Table 226. ASK Automotive Limited Major Business

Table 227. ASK Automotive Limited Automotive Dry Friction Materials Product and Services

Table 228. ASK Automotive Limited Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 229. ASK Automotive Limited Recent Developments/Updates

Table 230. ASK Automotive Limited Competitive Strengths & Weaknesses

Table 231. ITT Corporation Basic Information, Manufacturing Base and Competitors

Table 232. ITT Corporation Major Business

Table 233. ITT Corporation Automotive Dry Friction Materials Product and Services

Table 234. ITT Corporation Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 235. ITT Corporation Recent Developments/Updates

Table 236. ITT Corporation Competitive Strengths & Weaknesses

Table 237. Jiangsu Fangyi Friction Material Basic Information, Manufacturing Base and Competitors

Table 238. Jiangsu Fangyi Friction Material Major Business

Table 239. Jiangsu Fangyi Friction Material Automotive Dry Friction Materials Product and Services

Table 240. Jiangsu Fangyi Friction Material Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 241. Jiangsu Fangyi Friction Material Recent Developments/Updates

Table 242. Jiangsu Fangyi Friction Material Competitive Strengths & Weaknesses

Table 243. MAT Friction Group Basic Information, Manufacturing Base and Competitors

Table 244. MAT Friction Group Major Business

Table 245. MAT Friction Group Automotive Dry Friction Materials Product and Services

Table 246. MAT Friction Group Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 247. MAT Friction Group Recent Developments/Updates

Table 248. MAT Friction Group Competitive Strengths & Weaknesses

Table 249. Shandong Double Link Brake Material Basic Information, Manufacturing Base and Competitors

Table 250. Shandong Double Link Brake Material Major Business

Table 251. Shandong Double Link Brake Material Automotive Dry Friction Materials Product and Services

Table 252. Shandong Double Link Brake Material Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 253. Shandong Double Link Brake Material Recent Developments/Updates

Table 254. Shandong Double Link Brake Material Competitive Strengths & Weaknesses

Table 255. Zhejiang Lamda Technology Basic Information, Manufacturing Base and Competitors

Table 256. Zhejiang Lamda Technology Major Business

Table 257. Zhejiang Lamda Technology Automotive Dry Friction Materials Product and Services

Table 258. Zhejiang Lamda Technology Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 259. Zhejiang Lamda Technology Recent Developments/Updates

Table 260. Zhejiang Lamda Technology Competitive Strengths & Weaknesses

Table 261. Hangzhou Annat Industry Basic Information, Manufacturing Base and Competitors

Table 262. Hangzhou Annat Industry Major Business

Table 263. Hangzhou Annat Industry Automotive Dry Friction Materials Product and Services

Table 264. Hangzhou Annat Industry Automotive Dry Friction Materials Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 265. Hangzhou Annat Industry Recent Developments/Updates

Table 266. Hangzhou Annat Industry Competitive Strengths & Weaknesses

Table 267. Global Key Players of Automotive Dry Friction Materials Upstream (Raw Materials)

Table 268. Global Automotive Dry Friction Materials Typical Customers

Table 269. Automotive Dry Friction Materials Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Automotive Dry Friction Materials Picture

Figure 2. World Automotive Dry Friction Materials Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Automotive Dry Friction Materials Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Automotive Dry Friction Materials Production (2021-2032) & (K Pcs)

Figure 5. World Automotive Dry Friction Materials Average Price (2021-2032) & (US\$/Pc)

Figure 6. World Automotive Dry Friction Materials Production Value Market Share by Region (2021-2032)

Figure 7. World Automotive Dry Friction Materials Production Market Share by Region (2021-2032)

Figure 8. North America Automotive Dry Friction Materials Production (2021-2032) & (K Pcs)

Figure 9. Europe Automotive Dry Friction Materials Production (2021-2032) & (K Pcs)

Figure 10. China Automotive Dry Friction Materials Production (2021-2032) & (K Pcs)

Figure 11. Japan Automotive Dry Friction Materials Production (2021-2032) & (K Pcs)

Figure 12. Automotive Dry Friction Materials Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Automotive Dry Friction Materials Consumption (2021-2032) & (K Pcs)

Figure 15. World Automotive Dry Friction Materials Consumption Market Share by Region (2021-2032)

Figure 16. United States Automotive Dry Friction Materials Consumption (2021-2032) & (K Pcs)

Figure 17. China Automotive Dry Friction Materials Consumption (2021-2032) & (K Pcs)

Figure 18. Europe Automotive Dry Friction Materials Consumption (2021-2032) & (K Pcs)

Figure 19. Japan Automotive Dry Friction Materials Consumption (2021-2032) & (K Pcs)

Figure 20. South Korea Automotive Dry Friction Materials Consumption (2021-2032) & (K Pcs)

Figure 21. ASEAN Automotive Dry Friction Materials Consumption (2021-2032) & (K Pcs)

Figure 22. India Automotive Dry Friction Materials Consumption (2021-2032) & (K Pcs)

Figure 23. Producer Shipments of Automotive Dry Friction Materials by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Automotive Dry Friction Materials Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Automotive Dry Friction Materials Markets in 2025

Figure 26. United States VS China: Automotive Dry Friction Materials Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Automotive Dry Friction Materials Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Automotive Dry Friction Materials Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Automotive Dry Friction Materials Production Market Share 2025

Figure 30. China Based Manufacturers Automotive Dry Friction Materials Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Automotive Dry Friction Materials Production Market Share 2025

Figure 32. World Automotive Dry Friction Materials Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Automotive Dry Friction Materials Production Value Market Share by Type in 2025

Figure 34. Organic Resin-Based Materials

Figure 35. Semi-Metallic Materials

Figure 36. Ceramic Composite Materials

Figure 37. Others

Figure 38. World Automotive Dry Friction Materials Production Market Share by Type (2021-2032)

Figure 39. World Automotive Dry Friction Materials Production Value Market Share by Type (2021-2032)

Figure 40. World Automotive Dry Friction Materials Average Price by Type (2021-2032) & (US\$/Pc)

Figure 41. World Automotive Dry Friction Materials Production Value by Component Form, (USD Million), 2021 & 2025 & 2032

Figure 42. World Automotive Dry Friction Materials Production Value Market Share by Component Form in 2025

Figure 43. Brake Pads

Figure 44. Dry Friction Discs

Figure 45. Others

Figure 46. World Automotive Dry Friction Materials Production Market Share by Component Form (2021-2032)

Figure 47. World Automotive Dry Friction Materials Production Value Market Share by Component Form (2021-2032)

Figure 48. World Automotive Dry Friction Materials Average Price by Component Form (2021-2032) & (US\$/Pc)

Figure 49. World Automotive Dry Friction Materials Production Value by Sales Channel, (USD Million), 2021 & 2025 & 2032

Figure 50. World Automotive Dry Friction Materials Production Value Market Share by Sales Channel in 2025

Figure 51. OEM

Figure 52. Aftermarket

Figure 53. World Automotive Dry Friction Materials Production Market Share by Sales Channel (2021-2032)

Figure 54. World Automotive Dry Friction Materials Production Value Market Share by Sales Channel (2021-2032)

Figure 55. World Automotive Dry Friction Materials Average Price by Sales Channel (2021-2032) & (US\$/Pc)

Figure 56. World Automotive Dry Friction Materials Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 57. World Automotive Dry Friction Materials Production Value Market Share by Application in 2025

Figure 58. Passenger Car

Figure 59. Commercial Vehicle

Figure 60. World Automotive Dry Friction Materials Production Market Share by Application (2021-2032)

Figure 61. World Automotive Dry Friction Materials Production Value Market Share by Application (2021-2032)

Figure 62. World Automotive Dry Friction Materials Average Price by Application (2021-2032) & (US\$/Pc)

Figure 63. Automotive Dry Friction Materials Industry Chain

Figure 64. Automotive Dry Friction Materials Procurement Model

Figure 65. Automotive Dry Friction Materials Sales Model

Figure 66. Automotive Dry Friction Materials Sales Channels, Direct Sales, and Distribution

Figure 67. Methodology

Figure 68. Research Process and Data Source

I would like to order

Product name: Global Automotive Dry Friction Materials Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G89296F21A45EN.html>

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:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G89296F21A45EN.html>