

Automotive Brake Friction Products: Market Research Report

https://marketpublishers.com/r/A771F1342E5EN.html

Date: October 2011

Pages: 501

Price: US\$ 4,500.00 (Single User License)

ID: A771F1342E5EN

Abstracts

This report analyzes the worldwide markets for Automotive Brake Friction Products in US\$ Million by the following Product Segments: Brake Pads, and Brake Shoes.

The report provides separate comprehensive analytics for US, Canada, Japan, Europe, Asia Pacific, and Rest of World.

Annual estimates and forecasts are provided for the period 2009 through 2017.

The report profiles 175 companies including many key and niche players such as ABS Friction Corp., Advics Co. Ltd., Affinia Group Inc., Akebono Brake Industry Co. Ltd., Meritor, Inc., Brakewel Automotive Components India Private Ltd., BorgWarner Inc., Bosch Automotive Aftermarket, Cardolite Corp., Carlisle Companies Inc., Continental AG, Delphi Corp., Dongying Xinyi Automobile Fitting Co Ltd., Federal-Mogul Corp., Fras Le, Graphite Sales Inc., GMP Friction Products, HEROFO International Trading (Shanghai) Co., Ltd., Honeywell International Inc., Haldex Ab, Japan Brake Industrial Co., Ltd., Knorr-Bremse AG, MIBA AG, Midwest Brake, Nan Hoang Traffic Instrument Co., Ltd., Nisshinbo Industries, Inc., Ningbo Welline Brake System Co., Ltd., SGL Carbon Ag, Teijin Limited, Tenneco, Thermoset, Inc., TMD Friction Holding GmbH, TRW Automotive Holdings Corp., Wellman Products Group, and Westrock Company, Inc.

Market data and analytics are derived from primary and secondary research.

Company profiles are mostly extracted from URL research and reported select online sources.



Contents

1. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations

Disclaimers

Data Interpretation & Reporting Level

Quantitative Techniques & Analytics

Product Definitions and Scope of Study

A. Brake Pads

B. Brake Shoes

2. INDUSTRY OVERVIEW

Historical Evolution of the Automotive Brake Friction Products

Recent Trends in the Global Automotive Industry

Global Friction Products Aftermarket Overview by Region

Global Friction Products Aftermarket Overview by Product Segment

Recent Market Trends

Regulations to Boost Quality of Brake Friction Products

Major Growth Drivers in Friction Products Aftermarket

Slowdown in Automotive Market Boosts Sales of Brake Friction Products

Premium Products Sell Best

Counterfeit Parts: A Growing Concern for OEMs

Aging of Vehicles to Drive Brake Friction Products Market Growth

Increase in Number of Miles Traveled to Boost Sales of Brake Friction Products

Growing Popularity of Ceramic Brake Pads

Focus on Light-weight and Non-toxic Alternative Friction Material

Sealed Brakes: The Future of Wet Friction Brakes

Asbestos: The Iconic Friction Material

The Asbestos Ban: Beginning of the End of an Era

3. PRODUCT OVERVIEW

Friction and Friction Products

How does a brake function?

Friction and Braking

Brake Failure

Brake System



Disc Brakes

Components of a Disc Brake System

Brake Pad: The Friction Component of a Disc Brake System

Factors Affecting the Demand for Brake Pads Aftermarket

Market Analysis for Brake Pads Aftermarket

Technological Trends in the Development of Disc Brakes

Drum Brakes

Market Analysis for Brake Shoes Aftermarket

Alternative Braking Systems

Power brakes

Hand brakes

Hydraulic Brakes

4. BRAKE FRICTION PRODUCTS

Semi-Metallic Brake Pads:

Non-asbestos Organic (NAO) Brake Pads

Low-Metallic NAO Brake Pads

Ceramic Brake Pads

Akebono's Superior Ceramic Technology

NAO Ceramic Brake Friction Material: An Overview

Major Brake Friction Material Advantages and Disadvantages - Ceramic, Semi-

metallic, Metallic and Non-asbestos Organic (NAO) Material

5. FRICTION MATERIAL

Dry Friction Material

Classification of Friction Materials

Reinforcing Fibers

Glass

Metallic

Aramid

Potassium Titanate (A Type of Ceramic Material)

Sepiolite

Ceramic

Binders

Phenolic Resins

COPNA (Condensed polynuclear Aromatic) Resins

Silicon Modified resins



Cyanate Ester Resins

Epoxy-modified Phenolic Resins

Thermoplastic Polyimide Resins

Major Binders and Their Advantages & Disadvantages for - Silicon-modified phenolic resin, Epoxy- modified phenolic resin, Phenolic resin, COPNA Resin, Thermoplastic Polyimide resin

Fillers

Inorganic Fillers

Organic Fillers

Friction Additives

Lubricants (Graphite, Metal sulphides)

Graphite

Metal Sulphides

Abrasives (Metal oxides/silicates)

Wet Friction Material

Properties of an Ideal Wet Friction Material:

Paper Type

Sintered Type

Fabric Type

6. RECENT INDUSTRY ACTIVITY

EnPro Takes Over Rome Tool and Die

TMD Friction and Global Parts Enter into an Exclusive Distribution Agreement Federal-Mogul Establishes New Facility for Production of Friction Components TMD Friction Acquires Dynotherm

Carlisle Brake & Friction and Essex Parts Services Enter Distributor Agreement Danblock Establishes an Export-Oriented Automotive Brake Pad Unit in India Akebono Brake Industry to Increase Production Capacity in China

FleetPride Takes Over Southwest Brake & Parts

Continental and HASCO Enter Into a Joint Venture

FleetPride Acquires Premier Truck Parts and Springfield Brake Company

FleetPride Takes Over Friction Materials

Miba Takes Over Friction Lining Business

TMD Friction Takes Over Bremsen

Carlisle Acquires Hawk

TMD Friction Takes Over Eurofriction

SAF Holland Unveils Trailer Axle Plant in US

Carlisle Acquires Stake in Japan Power Brake



TMD Friction Reforms Two Chinese Joint Venture

New York Air Takes Over Anchor Brake

Pamplona Inks Agreement to Acquire TMD Friction

Akebono Brake Industry Signs Acquisition Agreement with Bosch Group

SGL Merges with Brembo

Monro Muffler Brake Acquires Autotire Car Care Centers

Nisshinbo Brake Expands Interest in Rane Brake Linings

Robert Bosch Announces Acquisition of Friction Business from Morse

Honeywell Transportation to Operate Friction Materials Operations as a Separate SBU

Advance Auto Parts to Distribute Federal-Mogul's Wagner® & MOOG® ThermoQuiet®

Brands

Continental AG to Develop Series Production-ready Electromechanical Brake

Affinia Group Plans to Cease Operations of 3 Manufacturing Units

TMD Friction Cosid-828 Brake Pad Approved for Use in Eurocity and Intercity Trains

Continental Establishes New Electronic Braking System Production Center

Advics and Sumitomo Acquire Majority Stake in Sumiden Brake

Fras-Le Plans Acquisition of Haldex AB

Sun Capital Completes Acquisition of Raytech

Friction Products Secures Contract from The Defense Logistics Agency

SGL Group and Benteler Automotive to Establish a Joint Venture

Faiveley Transport Acquires Sintered Brake Material Business from Carbone

Raytech's Former Wet Friction Business Re-branded as Friction Holdings

Timken Provides Friction Management System to Rail Polska

TMD Friction Channels Resources into Aftermarket Business

Wabtec forms Two Joint Ventures with Sibanye Brakes in South Africa

Affinia Acquisition Acquires Majority Stake in HBM Investment

Rane Brake Plans Capacity Expansion

Aisin Seiki Transfers Majority Stake in SEBT to Aisin Chemical

Fras-le to Establish New Production Facility in China

Continental AG Establishes New HBS Production Unit in Changshu

7. RECENT INDUSTRY ACTIVITY IN THE RECENT PAST – A HISTORIC PERSPECTIVE BUILDER

Affinia Group Acquires Certain Assets From Brake Pro GEMPCO renamed as GMP Friction Products Itochu Acquires Minority Stake in Akebono Corp TRW Plans to Unveil New Electric eDIH Park Brake SGL Group Takes Over epo GmbH



Miba Establishes New Steel Disc Production Plant in Slovakia

Carlisle Plans to Close On-Highway Braking Plant

Delphi Signs Asset Sale-and-Purchase Agreement with Frenados Mexicanos and

Robert Bosch LLC

TMD Friction to Open TMD Friction Romania

AISIN and ADVICS Merge Subsidiaries

Brembo Forms Joint Venture with Sabelt

Teijin Plans Capacity Expansion of Twaron Plants

Akebono Plans to Setup New Casting Foundry

ICE Industries Inks Supply Agreement with Raybestos

Cardolite Corp Inaugurates Manufacturing Facility in China

ArvinMeritor Secures Exclusive Distribution Agreement for FrasLe® in Mexico

TMD Friction Starts New Central European Warehouse

Wabtec Acquires Becorit GmbH

EBC Brakes Extends Operations in Europe

Akebono Sets Up New Company to Manufacture Disc Brakes

Ballard Material Gets Extension of Carbon Fiber Material Contract

New Process Unveiled for Producing Friction Material

Carlisle Companies Acquires Assets of ArvinMeritor

TMD Friction & BASF Coatings Reach Agreement on Research and Supply

Power Stop, LLC Purchases Power Stop® Brake Products

Mintye Industries to Increase Capacity

Norstar to Expand Production

CASCAR Enters New Agreement with Satisfied Brake Products

ITT Industries Announces Expansion Plans for Brake Pads Production

Honeywell Brake to Shutdown Operations in Panhandle

Carlisle Takes over Zhejiang Kete

Tokyo Buhin Kogyo to Expand Production in China

Advanced Friction Technologies Merges with Champion Friction

Carlisle Acquires Zhejiang Kete Braking Business

LuK Group Acquires APTEC Reibtechnik

Co-operation Agreement Between SGL Carbon and Mitsubishi Rayon in Carbon Fiber

Wabtec Corp. Acquires Rutgers Rail SpA

Miba Friction Inaugurates New Development & Manufacturing Facility

Otsuka Chemical and Itochu Form New Company in China

Fras-le Plans Capacity Expansion of Linings Plant

Germany TMD Friction Plans Investments in Brazil

Ceradyne Takes Over Wacker Ceramics

Japan Brake Industrial to Initiate Production in China



Miba Friction Inaugurates Production Facility in Roitham Federal Mogul to Invest in Thailand Midwest Air Takes Over a Unit of Roulunds Fabriker

8. PRODUCT LAUNCHES

ArvinMeritor Launches Remanufactured Brake Shoes

Bosch Launches Major Brake Program

FRAS-LE Unveils New Range of Brake Pads

Stemco Introduces Brake Shoe and Hardware Kits

Honeywell Friction Materials Unveils New Hybrid Brake Pads

Federal-Mogul Launches Wagner ThermoQuiet Ceramic Brake Pads

Honeywell to Develop New Rear Axle Brake Pad Solution for Aluminium Discs

ACDelco Launches Advantage Friction Range of Brake Products

Brembo Launches CCM-R Carbon Ceramic Brake Disc

Duroline and Stemco to Unveil New Brake Linings in North America

AutoPartsSource Launches New VGX Platinum Brake Line

Bendix Spicer Launches Three New Aftermarket Brake Linings

Meritor WABCO Launches New OnGaurd™ Technology

Brembo Unveils New Brake Technology

Honeywell Friction to Release JURID® Brand

TRW Automotive Develops New AEB Systems

TMD Friction Develops Advanced Hybrid Brake Pads

Continental Plans to Introduce New Advanced Electronic Brake System

9. PRODUCT LAUNCHES IN THE RECENT PAST – A HISTORIC PERSPECTIVE BUILDER

Federal Mogul Launches New Wagner® EDGE™ Brake Pad System

Bendix Brakes Introduces New CQ Ceramic Brake Pads

New Friction Bodies Developed

Tribco Develops New Friction Material

EBC Brakes Introduces New Line of Ultimax OEM Plus Brake Pads

New Brake Plate Developed

A New Functionally Graded Friction Material Developed

Brake Pro Introduces New Premium, Heavy-Duty Lining

Carlisle Launches New Economically-Priced Brake Lining

Akebono Unveils New Range of Upgraded ceramic Products

Brake Pro. Ltd. Launches a New Friction Material Range



Hawk Performance to Launch a New line of Disc Brake Pads
Carlisle Industrial Brake and Friction Launches Friction Pak™ Package
Federal-Mogul Introduces New Wagner SevereDuty™ Premium Brake Product Line
Federal-Mogul Corporation Introduces Abex® Medium- duty Disc Brake Shoes and
Pads

Haldex Introduces Haldex Friction Products-3000 Series

10. FOCUS ON SELECT GLOBAL PLAYERS

ABS Friction Corp. (Canada)

Advics Co. Ltd. (JAPAN)

Affinia Group Inc. (USA)

Akebono Brake Industry Co. Ltd. (Japan)

Meritor, Inc. (USA) – (Formerly ArvinMeritor Inc.)

Brakewel Automotive Components India Private Ltd. (India)

BorgWarner Inc. (USA)

Bosch Automotive Aftermarket (Germany)

Cardolite Corp. (USA)

Carlisle Companies Inc. (USA)

Continental AG (Germany)

Delphi Corp. (USA)

Dongying Xinyi Automobile Fitting Co Ltd (China)

Federal-Mogul Corp. (USA)

Fras Le (Brazil)

Graphite Sales Inc. (USA)

GMP Friction Products (USA)

HEROFO International Trading (Shanghai) Co., Ltd. (China)

Honeywell International Inc. (USA)

Haldex Ab (SWEDEN)

Japan Brake Industrial Co., Ltd. (JAPAN)

Knorr-Bremse AG (Germany)

MIBA AG (Germany)

Midwest Brake (USA)

Nan Hoang Traffic Instrument Co., Ltd (Taiwan)

Nisshinbo Industries, Inc. (Japan)

Ningbo Welline Brake System Co., Ltd (China)

SGL Carbon AG (Germany)

Teijin Limited (Japan)

Tenneco (USA)



Thermoset, Inc. (USA)
TMD Friction Holding GmbH (Germany)
TRW Automotive Holdings Corp. (USA)
Wellman Products Group (USA)
Westrock Company, Inc. (USA)

11. GLOBAL MARKET PERSPECTIVE

Table 1. World Recent Past, Current & Future Analysis for Brake Friction Products Aftermarket for Light Vehicles by Region – US, Canada, Japan, Europe, Asia Pacific, and Rest of World Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 2. World Historic Review for Brake Friction Products Aftermarket for Light Vehicles by Region – US, Canada, Japan, Europe, Asia Pacific, and Rest of World Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 3. World 15-Year Perspective for Brake Friction Products Aftermarket for Light Vehicles by Region – Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia Pacific, and Rest of World Markets for Years 2003, 2010, and 2017 (includes corresponding Graph/Chart)

Table 4. World Recent Past, Current & Future Analysis for Brake Pads Aftermarket for Light Vehicles by Region – US, Canada, Japan, Europe, Asia Pacific, and Rest of World Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 5. World Historic Review for Brake Pads Aftermarket for Light Vehicles by Region– US, Canada, Japan, Europe, Asia Pacific, and Rest of World Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 6. World 15-Year Perspective for Brake Pads Aftermarket for Light Vehicles by Region Percentage Breakdown of Dollar Sales for – US, Canada, Japan, Europe, Asia Pacific, and Rest of World Markets for Years 2003, 2010, and 2017 (includes corresponding Graph/Chart)



Table 7. World Recent Past, Current & Future Analysis for Brake Shoes Aftermarket for Light Vehicles by Region – US, Canada, Japan, Europe, Asia Pacific, and Rest of World Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 8. World Historic Review for Brake Shoes Aftermarket for Light Vehicles by Region– US, Canada, Japan, Europe, Asia Pacific, and Rest of World Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 9. World 15-Year Perspective for Brake Shoes Aftermarket for Light Vehicles by Region Percentage Breakdown of Dollar Sales for – US, Canada, Japan, Europe, Asia Pacific, and Rest of World Markets for Years 2003, 2010, and 2017 (includes corresponding Graph/Chart)

12. NORTH AMERICA

Overview

Changing Face of North American Aftermarket

Table 10. North American Brake Pad Aftermarket (2010): Market Share of Major Players by Revenues: Federal- Mogul Corporation, Affinia Under Vehicle Group, Honeywell Friction Materials, Bosch Automotive Aftermarket, Satisfied Brake Products, and Others (includes corresponding Graph/Chart)

Table 11. North American Brake Shoes Aftermarket (2010): Market Share of Major Players by Revenues - Federal-Mogul Corp., Bosch Automotive Aftermarket, Affinia Under Vehicle Group, Independent Rebuilders, and Others (includes corresponding Graph/Chart)

Focus on Premium Components Sale and Better Product Differentiation: Key Growth Drivers for the Aftermarket
Strategic Corporate Developments
Product Launch

13. THE UNITED STATES

A. Market Analysis



Table 12. Total Number of Vehicles in Use by Vehicle Type in the US (in Million):Passenger Cars and Light Trucks in the years 2009 and 2010 (includes corresponding Graph/Chart)

Strategic Corporate Developments

Product Launches

Focus on Select Major Players

Affinia Group Inc.

Meritor, Inc.

BorgWarner Inc.

Cardolite Corp.

Carlisle Companies, Inc.

Centric Parts, Inc.

Cleveland Oak, Inc.

Delphi Corporation

Federal-Mogul Corp.

GMP Friction Products

Honeywell International, Inc.

Midwest Brake

Tenneco

Thermoset, Inc.

TRW Automotive Holdings Corp.

Wellman Products Group

Wellman Products Group

Westrock Company, Inc

B. Market Analytics

Table 13. The US Recent Past, Current and Future Analysis of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million forYears 2009 through 2017 (includes corresponding Graph/Chart)

Table 14. The US Historic Review of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2003 through 2008 (includes corresponding Graph/Chart)



Table 15. The US 15-Year Perspective for Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes for Years 2003, 2010, and 2017 (includes corresponding Graph/Chart)

14. CANADA

A. Market Analysis

Table 16. Total Number of Vehicles in Use in Canada by Type (2009 and 2010):Passenger Cars and Light Trucks (in million) (includes corresponding Graph/Chart)

Canadian Brake Pads Aftermarket: Growing Faster than the US Focus on Select Major Players
ABS Friction Corp.
Satisfied Brake Products
B. Market Analytics

Table 17. Canadian Recent Past, Current and Future Analysis of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 18. Canadian Historic Review of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 19. Canadian 15-Year Perspective for Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes for Years 2003, 2010, and 2017 (includes corresponding Graph/Chart)

15. JAPAN

A. Market Analysis
Brake Pads Lead the Way



Table 20. Total Number of Vehicles in Use in Japan by Vehicle Type (2009 and 2010): Passenger Cars and Light Trucks (in million) (includes corresponding Graph/Chart)

Strategic Corporate Developments
Focus on Select Key Players
Advics Co. Ltd.
Akebono Brake Industry Company Limited
Japan Brake Industrial Co., Ltd.
Nisshinbo Industries, Inc
B. Market Analytics

Table 21. Japanese Recent Past, Current and Future Analysis of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 22. Japanese Historic Review of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 23. Japanese 15-Year Perspective for Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes for Years 2003, 2010, and 2017 (includes corresponding Graph/Chart)

16. EUROPE

A. Market Analysis Evolving European Marke

Table 24. Total Number of Vehicles in Use in Europe by Type (2009 and 2010):Passenger Cars and Light Trucks (in million) (includes corresponding Graph/Chart)

Strategic Corporate Developments
B. Market Analytics



Table 25. European Recent Past, Current and Future Analysis for Brake Friction Products Aftermarket for Light Vehicles by Region – France, Germany, Italy, UK and Rest of Europe Markets Independently Analyzed with Annual sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 26. European Historic Review for Brake Friction Products Aftermarket for Light Vehicles by Region – France, Germany, Italy, UK and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 27. European 15-Year Perspective for Brake Friction Products Aftermarket for Light Vehicle by Region – France, Germany, Italy, UK and Rest of EuropeMarkets for Years 2003, 2010, and 2017 (includes corresponding Graph/Chart)

Table 28. European Recent Past, Current and Future Analysis of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 29. European Historic Review of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 30. European 15-Year Perspective for Brake Friction Products Aftermarket forLight Vehicle by Product Segment – Brake Pads and Brake Shoes for Years 2003, 2010, and 2017 (includes corresponding Graph/Chart)

16A. FRANCE

A. Market Analysis

Table 31. Total Number of Vehicles in Use in France by Type (2009 and 2010): Passenger Cars and Light Trucks (in million) (includes corresponding Graph/Chart)

Strategic Corporate Development



Messier-Bugatti-Dowty – A Key Player B. Market Analytics

Table 32. French Recent Past, Current and Future Analysis of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 33. French Historic Review of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 34. French 15-Year Perspective for Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes for Years 2003, 2010, and 2017 (includes corresponding Graph/Chart)

16B. GERMANY

A. Market Analysis

Table 35. Total Number of Vehicles in Use in Germany by Type (2009 and 2010):Passenger Cars and Light Trucks (in million) (includes corresponding Graph/Chart)

Strategic Corporate Developments
Product Launches
Focus on Select Key Players
Bosch Automotive Aftermarket
Continental AG
Knorr-Bremse AG

MIBA AG

SGL Carbon Ag
TMD Friction Holding GmbH
B. Market Analytics



Table 36. German Recent Past, Current and Future Analysis of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million forYears 2009 through 2017 (includes corresponding Graph/Chart)

Table 37. German Historic Review of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 38. German 15-Year Perspective for Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes. Independently for Years 2003, 2010and 2017 (includes corresponding Graph/Chart)

16C. ITALY

A. Market Analysis

Table 39. Total Number of Vehicles in Use in Italy by Type (2009 and 2010):Passenger Cars and Light Trucks (in million) (includes corresponding Graph/Chart)

Product Launch
B. Market Analytics

Table 40. Italian Recent Past, Current and Future Analysis of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 41. Italian Historic Review of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 42. Italian 15-Year Perspective for Brake Friction Products Aftermarket for Light



Vehicles by Product Segment – Brake Pads and Brake Shoes for Years 2003, 2010, and 2017 (includes corresponding Graph/Chart)

16D. THE UNITED KINGDOM

A. Market Analysis

Table 43. Total Number of Vehicles in Use in the UK by Type (2009 and 2010):Passenger Cars and Light Trucks (in million) (includes corresponding Graph/Chart)

Strategic Development B. Market Analytics

Table 44. The UK Recent Past, Current and Future Analysis of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 45. The UK Historic Review of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 46. The UK 15-Year Perspective for Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes for Years 2003, 2010and 2017 (includes corresponding Graph/Chart)

16E. REST OF EUROPE

A. Market Analysis

Table 47. Total Number of Vehicles in Use in Rest of Europe by Type (2009 and 2010): Passenger Cars and Light Trucks (in million) (includes corresponding Graph/Chart)

Strategic Corporate Development



Product Launch
Focus on Select Major Players
Galfer Industries S. A. (Spain)
Haldex Ab (SWEDEN)
B. Market Analytics

Table 48. Rest of European Recent Past, Current and Future Analysis of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 49. Rest of European Historic Review of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 50. Rest of European 15-Year Perspective for Brake Friction Products
Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes for Years 2003, 2010, and 2017 (includes corresponding Graph/Chart)

17. ASIA PACIFIC

A. Market Analysis

Table 51. Total Number of Vehicles in Use in Asia Pacific by Type (2009 and 2010): Passenger Cars and Light Trucks (in million) (includes corresponding Graph/Chart)

Brief Overview on Major Markets of Asia-Pacific China – Where the Future Lies

Table 52. Total Number of Vehicles in Use in China by Type (2009 and 2010): Passenger Cars and Light Trucks (in million) (includes corresponding Graph/Chart)

Chinese Automotive Aftermarket to Witness Robust Growth



Table 53. Chinese Automotive Aftermarket (2010): Percentage Shares of Leading Players - China FAW, Shanghai Automotive Industry Corporation (SAIC), Dongfeng Motor, Bosch, ASIMCO Global & Others (includes corresponding Graph/Chart)

Competitive Scenario in the Chinese Brake Pad Market
Pricing of Chinese Brake Pads
Chinese Brake Friction Parts Exports - A Historic Perspective
Aftermarket Dominates Chinese Exports
Leading Export Markets
High Barriers Persist for Entry into International OES/OEM Market

Table 54. Chinese Brake Pad Aftermarket (2010): Market Share of Leading Players by Revenues - Shandong Gold Phoenix Group, Hangzhou Hangcheng Friction Material, Shandong Xinyi, Federal Mogul, TMD Friction, Zhejiang Hangwan Automobile Spare Parts, and Others (includes corresponding Graph/Chart)

Table 55. Chinese Brake Shoe Aftermarket (2010): Market Share of Leading Players by Revenues: Hangzhou Westlake Friction Material, Hangzhou Hangcheng Friction Material, Tian Bao Group, Zhejiang Hangwan Automobile Spare Parts, Fujian Guanlean Automotive Parts (includes corresponding Graph/Chart)

Taiwan

Taiwan Auto Part Makers Target International OEM Parts Market Nan Hoang Traffic Instrument Speeds Ahead in OEM Parts Market Korea

Table 56. Korean Automotive Brake Friction Parts Market: Market Share of Leading Players by Revenues for Sangsin Brake, Saeron Automotive, Korea Beral, and Others (includes corresponding Graph/Chart)

India

Table 57. Indian Automotive Component Market (2004-2010): Annual Turnover in US\$ Million (includes corresponding Graph/Chart)

Table 58. Total Number of Vehicles in Use in India by Vehicle Type for 2009 and 2010:



Passenger Cars and Light Trucks (In Million) (includes corresponding Graph/Chart)

Table 59. Indian Brake Friction Parts Aftermarket: Market Share Breakdown by Vehicle Type in terms of Revenues for 2009 and 2010: Commercial Vehicles, Passenger Cars, Two wheelers, Multi-utility Vehicles (MUV), and Tractors (includes corresponding Graph/Chart)

Table 60. Indian Brake Friction Parts Aftermarket (2010): Market Shares by Major Players: Rane Brake Lining, Sundaram Brake Lining, Allied Nippon, Hindustan Composites, and Others (includes corresponding Graph/Chart)

Table 61. Indian Passenger Car Brake Shoes Aftermarket (2010): Market Share of Major Players by Revenues: Kalyani Brakes, Brakes India, Maruti Genuine Parts, Allied Nippon, and Others (includes corresponding Graph/Chart)

Table 62. Indian Multi-utility Vehicle (MUV) Brake Lining Aftermarket (2010): Market Share of Leading Players by Revenues (includes corresponding Graph/Chart)

Table 63. Indian Multi-utility Vehicle (MUV) Disc Brake Pads Aftermarket (2010): Market Share of Leading Players by Revenues (includes corresponding Graph/Chart)

Strategic Corporate Developments

Focus on Select Major Players

Dongying Xinyi Automobile Fitting Co. Ltd. (China)

Fujian Guanlean Automotive Parts Industry Co. Ltd (China)

Nan Hoang Traffic Instrument Co., Ltd (Taiwan)

Ningbo Welline Brake System Co., Ltd (China)

Hindustan Composites Limited (INDIA)

BIC Auto Private Limited (India)

Brakewel Automotive Components India Private Limited (India)

B. Market Analytics

Table 64. Asia-Pacific Recent Past, Current and Future Analysis of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 65. Asia-Pacific Historic Review of Brake Friction Products Aftermarket for Light



Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 66. Asia-Pacific 15-Year Perspective for Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes for Years 2003, 2010, and 2017 (includes corresponding Graph/Chart)

18. REST OF THE WORLD

A. Market Analysis
Strategic Corporate Developments
Product Launch
Fras Le – A Key Player
B. Market Analytics

Table 67. Rest of the World Recent Past, Current and Future Analysis of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 68. Rest of the World Historic Review of Brake Friction Products Aftermarket for Light Vehicles by Product Segment – Brake Pads and Brake Shoes Independently Analyzed with Annual Sales Figures in US\$ million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 69. Rest of the World 15-Year Perspective for Brake Friction Products
Aftermarket by Product Segment – Brake Pads and Brake Shoes for Years 2003, 2010, and 2017 (includes corresponding Graph/Chart)

COMPETITIVE LANDSCAPE

Total Companies Profiled: 175 (including Divisions/Subsidiaries - 197) Region/CountryPlayers

The United States37

Canada

Japan

Europe



France

Germany

The United Kingdom

Italy

Spain

Rest of Europe

Asia-Pacific (Excluding Japan)

Latin America

Africa



I would like to order

Product name: Automotive Brake Friction Products: Market Research Report

Product link: https://marketpublishers.com/r/A771F1342E5EN.html

Price: US\$ 4,500.00 (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/A771F1342E5EN.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
	Custumer 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