

# North America and Europe Automobile Cylinder Sleeve Market 2018 by Manufacturers, Regions, Type and Application, Forecast to 2023

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## Abstracts

'Automotive cylinder liner is the abbreviation of engine cylinder liner; it is setting in the cylinder of the cylinder. The piston, cylinder head and the cylinder liner constitute the engine's combustor. The automotive cylinder liner includes the dry and wet cylinder liner, the material are usually steel or aluminum alloys.

Usually, the automotive have three, four, six, eight, ten or twelve cylinders. The commercial vehicles have more cylinders than the passenger vehicles.'

Scope of the Report:

This report focuses on the Automobile Cylinder Sleeve in North America and Europe market, especially in United States, United Kingdom, Canada, Germany, France, Italy and Spain. This report categorizes the market based on manufacturers, countries/Regions, type and application.

Market Segment by Manufacturers, this report covers

MAHLE

Federal-Mogul

ZYNP

TPR

Cooper Corporation

## IPL

Bergmann Automotive

PowerBore

Wutingqiao Cylinder Liner

NPR Group

Melling

Kaishan

CHENGDU GALAXY

ZHAOQING POWER

Esteem Auto

Slinger Manufacturing

## Market Segment by Countries, covering

United States

United Kingdom

Canada

Germany

France

Italy

Spain

Market Segment by Type, covers

Cast Iron

Alloy

Other

Market Segment by Applications, can be divided into

Passenger Vehicle

Commercial Vehicle

There are 19 Chapters to deeply display the North America and Europe Automobile Cylinder Sleeve market.

Chapter 1, to describe Automobile Cylinder Sleeve Introduction, product type and application, market overview, market analysis by countries, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of Automobile Cylinder Sleeve, with profile, main business, news, sales, price, revenue and market share in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the North America and Europe market by countries, covering United States, United Kingdom, Canada, France, Germany, Italy and Spain, with sales, price, revenue and market share of Automobile Cylinder Sleeve, for each country, from 2013 to 2018;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type, application, from 2013 to 2018;

Chapter 7, 8, 9, 10, 11, 12 and 13 to analyze the key countries by manufacturers, Type and Application, covering 7 countries, with sales, revenue and market share by

manufacturers, types and applications;

Chapter 14, Automobile Cylinder Sleeve market forecast, by countries, type and application, with sales, price, revenue and growth rate forecast, from 2018 to 2023;

Chapter 15, to analyze the manufacturing cost, key raw materials and manufacturing process, etc.

Chapter 16, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 17, to describe sales channel, distributors, traders, dealers, etc.

Chapter 18 and 19, to describe the research findings and conclusion, appendix, methodology and data source.

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