

Silicone Elastomers Market Report by Product (High Temperature Vulcanize (HTV), Room Temperature Vulcanize (RTV), Liquid Silicone Rubber (LSR)), Application (Electrical and Electronics, Automotive and Transportation, Industrial Machinery, Consumer Goods, Construction, and Others), and Region 2024-2032

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Abstracts

The global silicone elastomers market size reached US\$ 8.9 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 14.3 Billion by 2032, exhibiting a growth rate (CAGR) of 5.2% during 2024-2032.

Also known as silicone rubbers, silicone elastomers are made by combining linear polymers, reinforcing agents, cross-linkers, and catalysts. They assist in providing heat and moisture resistance, flame retardancy, and weatherability. They also offer dielectric properties to insulate and protect electronic equipment like high voltage lines. At present, silicone elastomers are widely available in a variety of forms, including electrically and thermally conductive, open-cell foams and closed-cell sponges.

Silicone Elastomers Market Trends:

The increasing utilization of silicone elastomers in the automotive sector around the world represents one of the key factors stimulating the growth of the market. These elastomers are employed in the manufacturing of connector seals, spark plug boots, turbocharger hoses, gaskets, silicone wiper blades, and ignition cables. Moreover, they offer low surface friction, thermal and tear resistance, and self-adhesive qualities. As a result, they find extensive application in the construction, healthcare and industrial

sectors across the globe. Apart from this, silicone elastomers are used as tape, sheet, wire, cable coverings for electrical insulation. The market is also driven by the rising utilization of silicone elastomers in the personal care and cosmetic industries around the world. They are employed as an alternative to traditional high oil and fatty alcohol systems to provide soft focus and line-filling properties. Furthermore, leading manufacturers are investing in research and development (R&D) activities to expand their product portfolio. This, along with rapid urbanization and industrialization, burgeoning automotive industry, increasing willingness among individuals to undergo plastic surgery for looking presentable, is fueling the market growth. Additionally, the ability of silicone elastomers to be extruded into different shapes and formations is anticipated to impel the growth of the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global silicone elastomers market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product and application.

Breakup by Product:

High Temperature Vulcanize (HTV)

Room Temperature Vulcanize (RTV)

Liquid Silicone Rubber (LSR)

Breakup by Application:

Electrical and Electronics

Automotive and Transportation

Industrial Machinery

Consumer Goods

Construction

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Bentec Medical, China National Bluestar (Group) Co. Ltd., Dow Inc., KCC Corporation, MESGO SpA (Hexpol AB), Momentive Performance Materials Inc., Reiss Manufacturing Inc., Shin-Etsu Chemical Co. Ltd., Specialty Silicone Products Inc. (Heico Corporation), Stockwell Elastomerics Inc. and Wacker Chemie AG.

Key Questions Answered in This Report

1. What was the size of the global silicone elastomers market in 2023?
2. What is the expected growth rate of the global silicone elastomers market during 2024-2032?
3. What has been the impact of COVID-19 on the global silicone elastomers market?
4. What are the key factors driving the global silicone elastomers market?
5. What is the breakup of the global silicone elastomers market based on the product?
6. What is the breakup of the global silicone elastomers market based on the

application?

7. What are the key regions in the global silicone elastomers market?

8. Who are the key players/companies in the global silicone elastomers market?

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