

# Silicone Elastomers Market Size to Exceed USD 12B by 2030 says a 2025 Mordor Intelligence Report

## Sub-headline

Silicone elastomers market growth is driven by medical-grade LSR in wearable healthcare, rising sealant demand in net-zero buildings, and additive manufacturing of 3D-printed silicone parts.

The silicone elastomers market is valued at around USD 8.42 billion in 2025 and projected to reach nearly USD 12.06 billion by 2030. This reflects a steady compound annual growth rate of 7.45% during the forecast period (2025-2030). Among the key regions, Asia-Pacific stands out as the fastest-growing [silicone elastomers market](#), fueled by its expanding manufacturing base, rising industrial applications, and strong demand from sectors such as automotive, electronics, and construction.

## Major Trends Driving the Silicone Elastomers Market:

### Expanding Use in Automotive and Marine Applications

Automotive manufacturers increasingly rely on silicone elastomers for gaskets, hoses, and sealing systems, where durability and heat resistance are critical. Marine engineering has also turned to silicone-based solutions to combat saltwater corrosion and environmental stress. These applications underline the growing role of elastomers in industries requiring high resilience and long product lifecycles.

### Rising Adoption in Healthcare and Medical Devices

Medical-grade silicone elastomers are gaining traction due to their biocompatibility and reliability. They are used in implants, catheters, and drug delivery systems, where patient safety and product performance cannot be compromised. The demand for healthcare applications is expected to remain one of the strongest growth drivers for silicone elastomers in the coming years.

### Electronics Industry Boosting Demand

The electronics sector is witnessing growing adoption of silicone elastomers for insulation, encapsulation, and protective coatings. With rapid developments in consumer electronics and the continued expansion of electric vehicles, the need for

high-quality insulating materials is increasing. These trends strengthen the role of silicone elastomers as an enabler of performance in electrical and electronic components.

### **Segmental Overview:**

#### **By Type**

- High Temperature Vulcanized (HTV) Elastomers
- Room Temperature Vulcanized (RTV) Elastomers

#### **By Process**

- Extrusion
- Injection Molding

#### **By End-User Industry**

- Automotive and Transportation:
- Electrical and Electronics:
- Healthcare

### **Booming Regional Markets in the Silicone Elastomer Industry:**

Asia-Pacific is emerging as the strongest growth hub, supported by large-scale manufacturing, automotive expansion, and consumer electronics demand. Governments in China, India, and Southeast Asia are investing heavily in infrastructure and healthcare, creating additional demand for silicone-based materials.

North America maintains a robust market due to its leadership in healthcare and medical device innovation. The presence of advanced automotive industries and demand for high-performance electronics further supports growth.

Europe benefits from strict quality standards and regulatory frameworks that prioritize reliable and durable materials. The region's focus on sustainability also encourages manufacturers to develop advanced silicone elastomer formulations.

For a full breakdown of market size, segmentation data, and competitive intelligence, access the detailed Mordor Intelligence report:

[https://www.mordorintelligence.com/industry-reports/silicone-elastomer-market?utm\\_source=globenewswire](https://www.mordorintelligence.com/industry-reports/silicone-elastomer-market?utm_source=globenewswire)

## **Key Players in the Silicone Elastomer Market**

The silicone elastomer market is competitive, with several global and regional companies actively expanding their portfolios. Leading players are focusing on offering advanced formulations, expanding geographic reach, and strengthening relationships with end-user industries.

- CHT Germany GmbH
- Dow
- Elkem ASA
- KCC SILICONE CORPORATION
- Mesgo S.p.A.
- Momenive
- Primasil Silicones Limited
- Reiss Manufacturing, Inc.
- Rogers Corporation
- Shin-Etsu Chemical Co., Ltd.
- Specialty Silicone Products, Inc.
- Stockwell Elastomerics
- Wacker Chemie AG

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SCADA/IoT-enabled), End-User Industry (Packaging, Building and Construction, and More), and Geography (Asia-Pacific, North America, and More).

[https://www.mordorintelligence.com/industry-reports/plastic-extrusion-machine-market?utm\\_source=globenewswire](https://www.mordorintelligence.com/industry-reports/plastic-extrusion-machine-market?utm_source=globenewswire)

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**Cyclic Olefin Copolymer Market:** The Cyclic Olefin Copolymer Market Report is Segmented by Type (Amorphous COC and Semi-Crystalline COC), Grade (Injection-Molding Grade, Blow-Molding Grade, and More), End-User Industry (Healthcare and Medical, Electronics and Optoelectronics, and More), and Geography (Asia-Pacific, North America, Europe, South America, and Middle East and Africa). The Market Forecasts are Provided in Terms of Value (USD).

### **About Mordor Intelligence:**

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