

## Global Silicones Market – Products and Applications

*“The report reviews, analyzes and projects the global market for Silicones for the period 2017-2026. Silicone products analyzed in this study include silicone elastomers (rubbers), silicone fluids, silicone resins, and other silicones including gels, wax etc. The study also analyzes the global silicones market by applications consisting of construction, electrical & electronics, energy, transportation, personal care & consumer products, healthcare, chemicals & plastics, oil & gas, industrial machinery, paper & textiles, and other applications.”*

Published: September 2020

Report Code: CP087

Pages: 530

Charts: 316

Price: \$4500 Single User License, \$7200 Enterprise License

### Report Synopsis

The impact of COVID-19 pandemic on silicones demand is expected to differ in intensity depending on their end-use application. Sharpest declines would be expected in silicones for transportation, paper & textiles and energy sectors. Demand for silicones in construction and personal care & consumer applications, although declining year over year, is expected to be somewhat better compared to other applications. On the other hand, demand for silicones is expected to be robust in medical & healthcare applications.

Asia-Pacific is the largest region for the global silicones market, cornering an estimate share of 52.3% in 2019, followed by North America with 510 thousand metric tons in the same year. Asia-Pacific is also forecast to lead the growth of global silicones market at a 2019-2026 CAGR of 4.7% to reach 1.7 million metric tons by 2026. Overall Silicones market is estimated to reach 2.2 million metric tons in 2020.

- European Silicone Industry to be Subject to Impending Regulations
- Silicones Proving Highly Reliable for Clean Energy Applications
- Silicone Biocompatibility a Boon for the Healthcare Industry
- Automotive Applications of Silicones Gain Traction
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 69
- The industry guide includes the contact details for 140 companies

### Product Outline

The report analyzes the market for the following key product types of Silicones:

- Silicone Elastomers
- Silicone Fluids
- Silicone Resins
- Other Silicones

The market for major applications of Silicones explored in this report comprise the following:

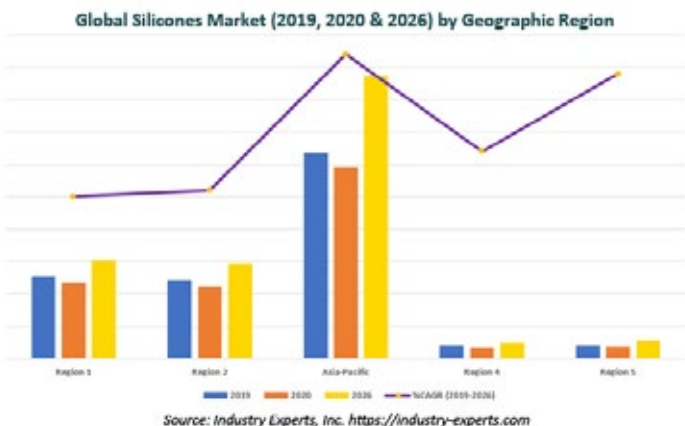
- Construction
- Electricals & Electronics
- Energy
- Transportation
- Personal Care & Consumer
- Healthcare
- Chemicals & Plastics
- Oil & Gas
- Industrial Machinery
- Paper & Textiles
- Other Applications

### Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global Silicones market for the period 2017-2026 in terms of volume in metric tons and value in US\$ and the compound annual growth rates (CAGRs) projected from 2019 through 2026

### Geographic Coverage

- **North America** (The United States, Canada and Mexico)
- **Europe** (France, Germany, Italy, Russia, Spain, the United Kingdom and Rest of Europe)
- **Asia-Pacific** (China, India, Indonesia, Japan, South Korea, Taiwan and Rest of Asia-Pacific)
- **South America** (Brazil and Rest of South America)
- **Rest of World** (Turkey, UAE and Other Rest of World)



### Research Findings & Coverage

- Worldwide market for Silicones is analyzed in this report with respect to product types and applications
- Silicones' market size is reported in this study by silicone product types and applications across all major countries

## SAMPLE COMPANY PROFILE

### AVANTOR, INC. (UNITED STATES)

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 Website: www.avantorsciences.com

#### Business Overview

Avantor, Inc is a leading provider of mission critical products, services and solutions for life science, advanced technology and applied materials industries. Headquartered in Radnor, PA, United States, Avantor operates more than 200 manufacturing, distribution and sales centers in over 30 countries worldwide. Avantor offers a wide range of product portfolio including materials and consumables, equipment and instrumentation, and service and specialty procurement. Avantor’s materials and consumables include a wide spectrum of products for biopharma, healthcare, education, advanced technology and applied materials industries. The Company’s materials and consumables portfolio includes ultra-high purity process chemicals and reagents; lab products and supplies; materials used for medical implants; customized excipients; customized single-use assemblies; highly specialized formulated silicone materials; process chromatography resins and columns; analytical sample prep kits; and education, microbiology and clinical trial kits. Avantor, Inc was formerly known as Avantor Performance Materials, LLC. The current name has adopted recently after the merger of Avantor Performance Materials, LLC and NuSil™ Technology LLC in 2016. Later in 2017, Avantor also acquired VWR and Puritan Products.

#### Product Portfolio

Under NuSil™ brand, Avantor offers medical and space-grade silicones.

#### Medical Grade Silicones

NuSil™ medical grade silicone products are specifically designed, manufactured and purified to meet the strictest requirements of the healthcare industry. The company offers medical grade silicones for medical implants and general healthcare market.

| Application        | Products   |
|--------------------|--|
| Medical Implants   | silicone adhesives, silicone color masterbatches, silicone dispersions, silicone fluids, silicone foams, silicone gels, high consistency silicone rubbers, silicone inks, liquid silicone rubbers, low viscosity silicone elastomers, silicone primers   |
| General Healthcare | silicone adhesives, silicone color masterbatches, silicone dispersions, silicone fluids, silicone foams, silicone gels, high consistency silicone rubbers, silicone inks, liquid silicone rubber, slow viscosity silicone elastomers, silicone pressure sensitive adhesives, silicone primers, simethicones, soft silicone adhesives |
| Skin Care          | silicone elastomer gels, encapsulated silicones, specialty silicone fluids, suspended silicones and volatiles  |

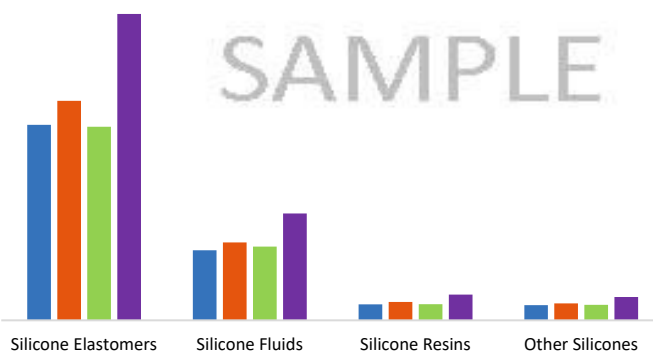
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## SAMPLE TABLE/CHART

Glance at 2019 Global Silicones Value Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific, South America and Rest of World



Asia-Pacific Silicones Market Analysis (2017-2026) by Type – Silicone Elastomers, Silicone Fluids, Silicone Resins and Other Silicones in USD Million



## KEY PLAYERS PROFILED

- Avantor, Inc.
- CHT Germany GmbH
- Dongyue Group Limited
- Elkem ASA
- Evonik Industries AG
- Gelest, Inc.
- KCC Corporation
- Momentive Performance Materials Inc.
- Shin-Etsu Chemical Co., Ltd.
- The Dow Chemical Company
- Wacker Chemie AG
- Zhejiang Hoshine Silicon Industry Co., Ltd.
- Zhejiang Sucon Silicone Co., Ltd.
- Zhejiang Xinan Chemical Industry Group Co., Ltd. (Wynca Group)

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## About Industry Experts

Industry Experts' market research, backed by years of experience and an analytical team dedicated to providing the most optimal business solutions, has been specifically designed to provide a variety of benefits, both current and future. Our leading-edge publications make the life easy for corporate strategists, investors, analysts and researchers, startups, consultants, financial and banking executives, academicians and many more. The company also provides customized research reports to cater the needs of the industry.

Business intelligence provides the critical link between comprehending prevailing market conditions and devising strategies to maximize parameters, such as revenues, profits and return on investment in order to gain market share. The significance of market research can be largely understood through the range of factors that impact businesses. These can comprise market size (current and projected), geographic market reach and demand and supply scenario, to name a few. Our ongoing quest to collect up to date and accurate information by conducting online surveys, personal interviews, taking the opinions of senior level executives will enable us to serve our clients better in every possible aspect.

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