

Global Viton Market Outlook to 2027

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Abstracts

Viton belongs to the family of fluorocarbon-based fluoroelastomers containing vinylidene fluoride as a monomer. According to BlueQuark Research & Consulting, the global Viton market is expected to witness a significant growth rate during the forecast period. Factors such as the increasing demand for Viton in the automotive industry due to its excellent chemical and heat resistance properties are expected to drive the demand for Viton during the forecasted period. The silicone's poor steam resistance properties have made Viton a preferred choice in the pharmaceuticals and food & beverage industry due to its resistance against steam, commercial cleaning fluids, and other chemicals. Furthermore, the increasing research and development in the Viton sector is expected to act as an opportunity in the forecasted years. The Viton's low permeability to a large range of substances, with oxygenated aircraft fuel in particular, further propels the demand for Viton in the Aerospace and Aeronautical Industry.

Viton is used to manufacture gaskets, connectors, high-voltage cables, hoses, sealants, reflectors, insulators, O-rings, medical cable, etc. It serves various end-users like Automotive, Aviation and Aerospace, Pharmaceuticals, and Food & Beverage Industries.

The Automotive Industry is a prime consumer of Viton globally and is expected to drive the future market. The increasing demand and technological advancement in the automotive sector have led to automakers reducing the size of engines, powertrains, and engine components to cut fuel consumption and improve the efficiency of vehicles. These changes have thus resulted in elevated temperatures and increased exposure to corrosive fumes and fluid, thus destroying the elastomer parts. Due to the excellent property of being flexible and elastic at high temperature, chemical resistance to fuels, exhausts and, other fumes, and permeation resistance to reduce the impact of evaporative emission as compared to other products made up of rubber, Viton has excellent performance and is a preferred choice of manufacturers. Viton is used to

manufacture hoses, seals, high-voltage cables, orings, and gaskets. The United States has been heavily dependent on the automotive market for transportation owing to the impressive infrastructure and freeways, both inter and intrastate. Automotive vehicles sales grew past 15 million units after the great recession in 2008-09. The United States has established an extensive network of automotive parts suppliers that serves the Industry, supporting almost 600,000 jobs. The demand for vehicles is expected to witness an increase in the forecasted years. Thus, the increasing demand for Viton in the Automotive Industry is expected to drive the demand for Viton during the forecasted years.

Major global players in the Industry The Chemours Company, Solvay, Martin's Rubber Company, 3M, Timco Rubber, Delta Rubber, among others.

The Asia Pacific has been the dominating region in the production and consumption of Viton and is expected to continue at the same pace. Owing to the increasing population in the region, the demand for automotive vehicles increases the Viton demand. With the rapid industrialization in the region, the demand for heavy-duty vehicles for commercial purposes is also increasing. Since China's growth rate had been impressive in the last decades, the following decade is also expected to witness the same rise, making China a leader in Viton demand. Further, China has the most prominent automotive Industry and is expected to consolidate its prime Viton market. India's passenger vehicles sales 279,745 units in March 2021, registering a growth of 28.39% compared to the previous year. The medical and healthcare Industry is booming in the region. With the country's increasing safety norms, efforts are being made to make air travel safer for passengers. The growing dependency of humans on airplanes as the fastest transportation mode between two locations further propels the Viton market. Airbus estimates a growth of 4.3% annually in air traffic, requiring over 39,000 new passengers and freighter aircraft over the next 20 years. According to the IBEF, the medical Industry is expected to reach USD 372 billion by 2022, with the Indian Government allocated USD 4.8 billion in their Union Budget 2021 for Covid-19 vaccines. Factors like the growth of the automotive, construction, medical, and electronics sector are expected to drive the Viton market in the region.

Global Viton Market report provides deep insight into the Industrial market's current and future state across various regions. The study comprehensively analyses the Viton market by segmenting based on the Grade (Viton A, Viton B, Viton F, Viton GB, Others), End-User Industry (Automotive, Aviation and Aerospace, Food and Beverage Industry, Pharmaceuticals, Others), and Geography (Asia-Pacific, North America, Europe, South America, and Middle-East and Africa). The report examines the market

drivers and restraints and the impact of Covid-19 on the market growth in detail. The study covers and includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with prominent companies and profiles, including their market shares and projects.

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