

# Global Hydrogenated Nitrile Market Outlook to 2027

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## Abstracts

Hydrogenated Nitrile Butadiene Rubber (HNBR) is a high-performance synthetic elastomer produced from conventional nitrile rubber by hydrogenation of the unsaturated bonds in the butadiene units of the polymer. According to BlueQuark Research & Consulting, the global Hydrogenated Nitrile market is expected to witness a significant growth rate during the forecast period. Factors such as the growing demand for hydrogenated Nitrile in the automotive, machinery, and tire industry due to its high strength, high heat, and oil resistance compared to natural rubber have made hydrogenated rubber a preferred choice in many end-user industries. Furthermore, hydrogenated Nitrile is also found helpful in the booming construction industry. With Covid-19 having a hazardous effect on human health and life, the demand for nitrile gloves for its prevention and treatment has seen a surge throughout 2020, thus driving the demand for hydrogenated Nitrile in the future. However, the emerging industry of thermoplastic elastomers, which is being used as a substitute for synthetic rubber in several applications with could hamper hydrogenated rubber's growth in the forecasted years.

Hydrogenated Nitrile Butadiene is used to manufacture hoses, diaphragms & hnbr seals, timing belts, O-rings and gaskets, and construction materials. It serves various end-use industries like tire, medical, construction, and automobile industry.

The Automotive Industry is a prime consumer of Hydrogenated Nitrile globally and is expected to drive the future market. The Hydrogenated Nitrile's high strength, high heat, and oil resistance make it a preferred choice for automotive manufacturers globally which has increased Hydrogenated Nitrile consumption. The increasing population and rapid urbanization have increased the sales of automotive vehicles globally, driving the tire industry. Owing to the rapid urbanization in key regions like China and India, the sales of commercial vehicles such as trucks, tractors, and trailers are on the surge. Furthermore, the automotive industry is experiencing a boom in the electric vehicle

market. The environmental awareness amongst citizens coupled with the government offering subsidies on its purchase further propels the automotive industry. Urbanization has also led to a surge in the construction industry, with demand for construction material expected to rise over the forecasted year. Thus, the increasing automotive and construction material demand is all set to propel the growth opportunity Hydrogenated Nitrile rubber market.

Key players in the global market were Polycomp , Zeon Corporation , Mantaline , ARLANXEO Holding B.V ., Elastomer Engineering Limited , Ge Mao Rubber Industrial Co. Ltd ., and Rahco Rubber Incorp . among others.

The Asia Pacific is expected to be the largest market for Hydrogenated Nitrile in the forecasted period. Owing to the increasing population , the demand for automotive vehicles is increasing in the regional market. With the rapid industrialization in the region, the consumption of 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 Hydrogenated Nitrile demand. Further, China has the most prominent automotive industry and is expected to consolidate its position as a prime HNBR market. With India being the second most affected country globally due to the Covid-19, demand for safety equipment, including nitrile gloves, has grown exponentially. This increase in demand is expected to maintain a rapid rise with the aging population and various health diseases in the APAC region. The construction industry is on the rise due to the surge in urbanization in the region, increasing the demand for Hydrogenated Nitrile in the forecasted years.

ARLANXEO , a leader in hydrogenated rubber production, has commenced operations in India from 1st January 2021, with a hope to further enhance ARLANXEO 's presence in one of the most promising growth regions.

Zeon Corporation , in April 2021 announced developing a new technology to produce Biomass-Derived Butadiene in a joint partnership with RIKEN and Yokohama Rubber. This new technology could reduce dependence on petroleum and could also reduce carbon footprints.

Global Hydrogenated Nitrile Butadiene Market report provides deep insight into the Industrial market's current and future state across various regions. The study comprehensively analyses the Hydrogenated Nitrile Butadiene market by segmenting based on the Type (Solid, Latex), End-User Industry (Automotive, Medical,

Construction, Machinery, 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 dynamics, key 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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- ANXEO Holding B.V.
- Customer Engineering Limited
- in Corporation
- Mao Rubber Industrial Co. Ltd.
- co Rubber Incorp.

comp  
taline  
eborg Sealing Solution  
oss of America Corp.  
R Corporation  
our Holding  
nda Corporation  
ecision Associates Incorp.  
CM S.p.A  
chno Ad Ltd  
*companies is not exhaustive*

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