

# Gasket and Seals Market Size is Expanding USD 86.96 Billion by 2032 at a CAGR of 4.1% | insightSLICE

*The key factor driving the growth of the global gaskets and seals market is its increasing application in the automotive sector.*

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/EINPresswire.com/ -- The Global Gaskets and Seals Market Share, Trends, Analysis, and Forecasts for 2023-2032 present extensive information on the latest trends, factors driving market growth, potential opportunities, and challenges that may impact the industry's dynamics. It provides a detailed examination of various market segments, including product, material, application, end-user, and the competitive landscape.

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The Global Gaskets and Seals Market was estimated to be US\$ 58.65 Billion in 2022 and is expected to reach US\$ 86.96 Billion by 2032 at a CAGR of 4.1%.

A gasket is used to retain a seal that connects two components or surfaces. The seal aims to provide a full physical barrier to prevent any potential leakage. Gaskets are generally made from various materials and are designed with physical properties such as impermeability, temperature, and pressure resistance. Due to these properties, they are highly demanded in the market and find numerous applications in industries such as electric & electronics, automotive, industrial, and manufacturing, among others.

The primary function of gaskets and seals is to prevent the contamination of products from





Asia-Pacific is the largest market and accounts for the largest share of global revenue.”

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outside particles, ensuring the safety and high performance of fluid or gas systems operating under pressure.

Global Gaskets and Seals Market  
Report by Product, Material, Application, and End User

The key factor driving the growth of the global gaskets and

seals market is its increasing application in the automotive sector. Gaskets and seals are designed to ensure performance efficiency and support manufacturers in complying with stringent specifications and standards. Furthermore, they help reduce the risk of unexpected downtime and control emissions. In the automotive sector, the increasing stringency of emissions norms is a significant factor augmenting the demand for the product.

Additionally, the industrial sector is also witnessing the development of advanced power transmission seals, which are expected to exhibit a notable reduction in power loss in drive assemblies compared to conventional sealing elements. These seals comprise revolutionary designs and special materials that offer excellent superior performance under extreme pressure conditions. They also ensure the optimization of sealing function, friction, and abrasion resistance, thereby increasing the demand from the industrial sector.

Global Gaskets and Seals Market  
Report by Product, Material, Application, and End User

The global gaskets and seals market is segmented based on product, material, application, and end user.

Based on product, the market is segmented into gaskets and seals. The gaskets segment is further sub-segmented into metallic, non-metallic, and composite. The seals segment is also further sub-segmented into mechanical seals, O-ring seals, valve stem seals, rotary & swivel seals, and shaft seals. Metallic gaskets are the largest segment due to their higher surface sealing quality, which makes them suitable for use in condensers, pumps, compressors, turbines, and valves.

Based on material, the market is segmented into fiber, graphite, PTFE, rubber, silicon, and others. On the basis of application, the market is segmented into automotive, electrical & electronics, industrial & manufacturing, aerospace, marine & rail, oil & gas, and others. The automotive segment is the largest application segment due to its widespread use in the manufacturing of automobiles, such as powertrains and engine blocks. The electrical & electronics segment is anticipated to grow at the fastest rate in the forecasted period owing to increasing demand for electronic products due to technological advancements.

On the basis of end-user, the market is segmented into OEM and aftersales markets. The OEM

segment is the largest segment in this category. The development of advanced proprietary materials to withstand extreme operating conditions is expected to augment the growth of gaskets and seals.

Global Gaskets and Seals Market Outlook

The global gaskets and seals market is divided into North America, Europe, Asia-Pacific, Middle East & Africa, and South America based on geography.

Asia-Pacific is the largest market and accounts for the largest share of global revenue. Factors such as increased business spending, robust economic growth, and very strong gains in the manufacturing segment have been driving the growth of the market, especially in countries such as China and Japan.

North America is highly influenced by stringent guidelines from the Environment Protection Agency and the rising need for the reduction of hazardous emissions from rotating equipment across the industrial sector.

Europe also accounted for a significant share in the global gaskets & seals market. The region is a major producer of clean automotive products, which has led to decreased water and energy usage in vehicle manufacturing and reduced CO2 production.

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Some key players in the global gaskets & seals market are SKF, Dana Ltd., Flowserve Corp., Smiths Group Plc., Cooper Standard, Bruss Sealing System GmbH, Crown Gaskets Pvt. Ltd., and Garlock Sealing Technologies LLC, among others.

Market Segmentation

By Material:

- Gaskets
  - > Metallic
  - > Non-Metallic
  - > Composite
- Seals
  - > Mechanical Seals
  - > O-ring Seal
  - > Valve Stem Seal
  - > Rotatory & Swivel Seal
  - > Shaft Seal

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- Fiber
- Graphite
- PTFE
- Rubber
- Silicon
- Others

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- Automotive
- Electrical & Electronics
- Industrial & Manufacturing
- Aerospace
- Marine & Rail
- Oil & Gas
- Others

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- OEM
- Aftersales market

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- North America
  - > United States
  - > Canada
  - > Rest of North America

- Europe
  - > Germany
  - > United Kingdom
  - > Italy
  - > France
  - > Spain
  - > Rest of Europe

- Asia Pacific
  - > Japan
  - > India

- > China
- > Australia
- > South Korea
- > Rest of Asia Pacific

- Middle East & Africa

- > UAE
- > Saudi Arabia
- > South Africa
- > Rest of the Middle East & Africa

- South America

- > Brazil
- > Rest of South America

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Alex

insightSLICE (Same Page Management Consulting Pvt. Ltd.)

+1 707-736-6633

[alex@insightslice.com](mailto:alex@insightslice.com)

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