

# **North America Form-In-Place Gasket Market Forecast to 2030 - Regional Analysis - by Application (Marine, Automotive, Electrical and Electronics, Aerospace, Lighting, and Others)**

<https://marketpublishers.com/r/N4725739D9CEEN.html>

Date: July 2024

Pages: 90

Price: US\$ 2,485.00 (Single User License)

ID: N4725739D9CEEN

## **Abstracts**

The North America form-in-place gasket market is expected to grow from US\$ 199.47 million in 2022 to US\$ 277.77 million by 2030. It is estimated to record a CAGR of 4.2% from 2022 to 2030.

### **Integration with Industry 4.0 Technologies Fuels North America Form-In-Place Gasket Market**

Industry 4.0 technologies enable the automation of manufacturing processes, including the application of form-in-place gaskets. Automated systems enhance efficiency, reduce production time, and minimize errors. Integration with smart sensors allows real-time monitoring of various parameters during the gasket application process. This includes monitoring material dispensing, curing conditions, and quality control, leading to improved product consistency and reliability. The data analysis related to form-in-place gasket production helps manufacturers to identify opportunities for optimization, reduce waste, and enhance overall process efficiency. Advanced technologies facilitate advanced quality control measures, ensuring that form-in-place gaskets meet stringent standards. Traceability features allow manufacturers to track and trace each product throughout the production process, enhancing accountability and meeting quality assurance standards. Collaborative robots and human-machine collaboration technologies can be integrated into form-in-place gasket manufacturing process. Parker Hannifin Corp offers ParPHorm, a product line consisting of a formulation developed to be robotically dispensed onto small housings and then cured. Industry 4.0 enables remote monitoring and control of manufacturing processes. Manufacturers can oversee

gasket production from remote locations, making it easier to manage multiple production facilities. Therefore, integration with Industry 4.0 technologies is a potential trend in the form-in-place gasket market.

## North America Form-In-Place Gasket Market Overview

In North America, passenger vehicles are the most common mode of transportation, and their use is increasing with the rising per capita income. Form-in-place gaskets offer a precise and customizable sealing method, making them well-suited for the intricate designs and evolving technologies in the automotive sector. Form-in-place gaskets also play a crucial role in ensuring air- and fluid-tight seals in various automotive systems, contributing to improved fuel efficiency and compliance with environmental regulations. According to the International Organization of Motor Vehicle Manufacturers (OICA), vehicle production in North America increased by 10%, from ~13.5 million in 2021 to 14.8 million vehicles in 2022. As automakers in North America strive to meet stringent emission standards and create sustainable vehicles, the demand for high-performance sealing solutions such as form-in-place gaskets has seen a notable growth. According to the International Energy Agency, electric car sales accounted for 630,000 in 2021 in the US. In addition, according to the same source, between August 2022 (when the Inflation Reduction Act was passed) and March 2023, major electric vehicle and battery makers announced investments totalling a minimum of US\$ 52 billion in electric vehicle supply chains in North America. Form-in-place gaskets are employed in EV battery enclosures and powertrain components, providing effective sealing against environmental factors and contributing to the safety and longevity of electric vehicles. As the electric vehicle market continues to expand in North America, the demand for form-in-place gaskets is likely to grow in the coming years. Furthermore, the growing electronics and consumer goods industries in North America propels the demand for form-in-place gaskets. These gaskets are used in electronic devices and appliances to provide effective sealing against environmental factors such as dust and moisture. According to IPC International, Inc., electronics manufacturers in the US directly employ more than 1.3 million workers, contribute US\$ 165.7 billion in labour income and US\$ 307.6 billion to GDP, and produce nearly US\$ 710 billion in output. The electronics manufacturing sector plays a crucial role in the national economy, resulting in 1.6% of GDP and 0.7% of jobs. As consumers continue to adopt and rely on various electronic products, manufacturers seek reliable gasket solutions to ensure the longevity and performance of these devices. This trend underscores the critical role these gaskets play in ensuring the integrity of seals across a wide range of applications in the region.

## North America Form-In-Place Gasket Market Revenue and Forecast to 2030 (US\$

Million)

## North America Form-In-Place Gasket Market Segmentation

The North America form-in-place gasket market is segmented into application and country.

Based on application, the North America form-in-place gasket market is segmented into marine, automotive, electrical and electronics, aerospace, lighting, and others. The electrical and electronics segment held the largest share of the North America form-in-place gasket market in 2022.

Based on country, the North America form-in-place gasket market is segmented into the US, Canada, and Mexico. The US dominated the North America form-in-place gasket market in 2022.

3M Co, Henkel AG & Co KGaA, Parker Hannifin Corp, Modus Advanced Inc, Dow Inc, Compagnie de Saint Gobain SA, Permabond LLC, Bostik SA, HB Fuller Co, and ITW Performance Polymers are some of the leading companies operating in the North America form-in-place gasket market.

## Contents

### **1. INTRODUCTION**

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

### **2. EXECUTIVE SUMMARY**

- 2.1 Key Insights
- 2.2 Market Attractiveness

### **3. RESEARCH METHODOLOGY**

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

### **4. FORM-IN-PLACE GASKET MARKET LANDSCAPE**

- 4.1 Overview
- 4.2 Porter's Five Forces Analysis
  - 4.2.1 Threat of New Entrants
  - 4.2.2 Threat of Substitutes
  - 4.2.3 Bargaining Power of Buyers
  - 4.2.4 Bargaining Power of Suppliers
  - 4.2.5 Competitive Rivalry
- 4.3 Ecosystem Analysis
  - 4.3.1 Raw Material Suppliers
  - 4.3.2 Manufacturers
  - 4.3.3 Distributors or Suppliers
  - 4.3.4 End Users
  - 4.3.5 List of Vendors

### **5. NORTH AMERICA FORM-IN-PLACE GASKET MARKET - KEY MARKET DYNAMICS**

- 5.1 Market Drivers
  - 5.1.1 High Demand for Form-In-Place Gaskets from Automotive Industry

- 5.1.2 Growing Oil & Gas Industry
- 5.2 Market Restraints
  - 5.2.1 Availability of Alternative Sealing Solutions
- 5.3 Market Opportunities
  - 5.3.1 Adoption of Form-In-Place Gaskets in Aerospace Applications
- 5.4 Future Trends
  - 5.4.1 Integration with Industry 4.0 Technologies
- 5.5 Impact Analysis

## **6. FORM-IN-PLACE GASKET MARKET - NORTH AMERICA MARKET ANALYSIS**

- 6.1 North America Form-In-Place Gasket Market Revenue (US\$ Million)
- 6.2 North America Form-In-Place Gasket Market Forecast and Analysis

## **7. NORTH AMERICA FORM-IN-PLACE GASKET MARKET ANALYSIS - APPLICATION**

- 7.1 Marine
  - 7.1.1 Overview
  - 7.1.2 Marine Market Revenue and Forecast to 2030 (US\$ Million)
- 7.2 Automotive
  - 7.2.1 Overview
  - 7.2.2 Automotive Market Revenue and Forecast to 2030 (US\$ Million)
- 7.3 Electrical and Electronics
  - 7.3.1 Overview
  - 7.3.2 Electrical and Electronics Market Revenue and Forecast to 2030 (US\$ Million)
- 7.4 Aerospace
  - 7.4.1 Overview
  - 7.4.2 Aerospace Market Revenue and Forecast to 2030 (US\$ Million)
- 7.5 Lighting
  - 7.5.1 Overview
  - 7.5.2 Lighting Market Revenue and Forecast to 2030 (US\$ Million)
- 7.6 Others
  - 7.6.1 Overview
  - 7.6.2 Others Market Revenue and Forecast to 2030 (US\$ Million)

## **8. NORTH AMERICA FORM-IN-PLACE GASKET MARKET - COUNTRY ANALYSIS**

- 8.1 North America Market Overview

8.1.1 North America Form-In-Place Gasket Market, By Key Country - Revenue 2022 (US\$ Million)

8.1.2 North America Form-In-Place Gasket Market Revenue and Forecasts and Analysis - By Countries

8.1.2.1 North America Form-In-Place Gasket Market Breakdown by Country

8.1.2.2 US Form-In-Place Gasket Market Revenue and Forecasts to 2030 (US\$ Million)

8.1.2.2.1 US Form-In-Place Gasket Market Breakdown by Application

8.1.2.3 Canada Form-In-Place Gasket Market Revenue and Forecasts to 2030 (US\$ Million)

8.1.2.3.1 Canada Form-In-Place Gasket Market Breakdown by Application

8.1.2.4 Mexico Form-In-Place Gasket Market Revenue and Forecasts to 2030 (US\$ Million)

8.1.2.4.1 Mexico Form-In-Place Gasket Market Breakdown by Application

## **9. INDUSTRY LANDSCAPE**

9.1 Overview

9.2 Market Initiative

## **10. COMPANY PROFILES**

10.1 3M Co

10.1.1 Key Facts

10.1.2 Business Description

10.1.3 Products and Services

10.1.4 Financial Overview

10.1.5 SWOT Analysis

10.1.6 Key Developments

10.2 Henkel AG & Co KGaA

10.2.1 Key Facts

10.2.2 Business Description

10.2.3 Products and Services

10.2.4 Financial Overview

10.2.5 SWOT Analysis

10.2.6 Key Developments

10.3 Parker Hannifin Corp

10.3.1 Key Facts

10.3.2 Business Description

- 10.3.3 Products and Services
- 10.3.4 Financial Overview
- 10.3.5 SWOT Analysis
- 10.3.6 Key Developments
- 10.4 Modus Advanced Inc
  - 10.4.1 Key Facts
  - 10.4.2 Business Description
  - 10.4.3 Products and Services
  - 10.4.4 Financial Overview
  - 10.4.5 SWOT Analysis
  - 10.4.6 Key Developments
- 10.5 Dow Inc
  - 10.5.1 Key Facts
  - 10.5.2 Business Description
  - 10.5.3 Products and Services
  - 10.5.4 Financial Overview
  - 10.5.5 SWOT Analysis
  - 10.5.6 Key Developments
- 10.6 Compagnie de Saint Gobain SA
  - 10.6.1 Key Facts
  - 10.6.2 Business Description
  - 10.6.3 Products and Services
  - 10.6.4 Financial Overview
  - 10.6.5 SWOT Analysis
  - 10.6.6 Key Developments
- 10.7 Permabond LLC
  - 10.7.1 Key Facts
  - 10.7.2 Business Description
  - 10.7.3 Products and Services
  - 10.7.4 Financial Overview
  - 10.7.5 SWOT Analysis
  - 10.7.6 Key Developments
- 10.8 Bostik SA
  - 10.8.1 Key Facts
  - 10.8.2 Business Description
  - 10.8.3 Products and Services
  - 10.8.4 Financial Overview
  - 10.8.5 SWOT Analysis
  - 10.8.6 Key Developments

## 10.9 HB Fuller Co

### 10.9.1 Key Facts

### 10.9.2 Business Description

### 10.9.3 Products and Services

### 10.9.4 Financial Overview

### 10.9.5 SWOT Analysis

### 10.9.6 Key Developments

## 10.10 ITW Performance Polymers

### 10.10.1 Key Facts

### 10.10.2 Business Description

### 10.10.3 Products and Services

### 10.10.4 Financial Overview

### 10.10.5 SWOT Analysis

### 10.10.6 Key Developments

## 11. APPENDIX



## List Of Tables

### LIST OF TABLES

Table 1. North America Form-In-Place Gasket Market Segmentation

Table 2. North America Form-In-Place Gasket Market Revenue and Forecasts to 2030 (US\$ Million)

Table 3. North America Form-In-Place Gasket Market Revenue and Forecasts to 2030 (US\$ Million) - Application

Table 4. US Form-In-Place Gasket Market Revenue and Forecasts to 2030 (US\$ Million) - By Application

Table 5. Canada Form-In-Place Gasket Market Revenue and Forecasts to 2030 (US\$ Million) - By Application

Table 6. Mexico Form-In-Place Gasket Market Revenue and Forecasts to 2030 (US\$ Million) - By Application

Figure 1. North America Form-In-Place Gasket Market Segmentation, By Country

Figure 2. Form-In-Place Gasket Market - Porter's Analysis

Figure 3. Ecosystem: Form-In-Place Gasket Market

Figure 4. Market Dynamics: North America Form-In-Place Gasket Market

Figure 5. Form-in Place Gasket Impact Analysis of Drivers and Restraints

Figure 6. North America Form-In-Place Gasket Market Revenue (US\$ Million), 2020 - 2030

Figure 7. North America Form-In-Place Gasket Market Share (%) - Application, 2022 and 2030

Figure 8. Marine Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 9. Automotive Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 10. Electrical and Electronics Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 11. Aerospace Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 12. Lighting Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 13. Others Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 14. North America Form-In-Place Gasket Market, By Key Country - Revenue 2022 (US\$ Million)

Figure 15. North America Form-In-Place Gasket Market Breakdown by Key Countries, 2022 and 2030 (%)

Figure 16. US Form-In-Place Gasket Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 17. Canada Form-In-Place Gasket Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 18. Mexico Form-In-Place Gasket Market Revenue and Forecasts to 2030 (US\$ Million)

## I would like to order

Product name: North America Form-In-Place Gasket Market Forecast to 2030 - Regional Analysis - by Application (Marine, Automotive, Electrical and Electronics, Aerospace, Lighting, and Others)

Product link: <https://marketpublishers.com/r/N4725739D9CEEN.html>

Price: US\$ 2,485.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N4725739D9CEEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970