

Gas Connectors and Hoses Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 – 2032

<https://marketpublishers.com/r/GDDA92CB17ADEN.html>

Date: November 2024

Pages: 230

Price: US\$ 4,850.00 (Single User License)

ID: GDDA92CB17ADEN

Abstracts

The Global Gas Connectors And Hoses Market reached USD 13.4 billion in 2023, is projected to grow at 7.5% CAGR from 2024 to 2032. The increasing popularity of outdoor living spaces is a key factor driving this growth. As homeowners and businesses invest in enhancing their outdoor environments, the demand for gas-powered appliances such as grills, fire pits, outdoor kitchens, and patio heaters has surged. These appliances rely on reliable gas connections, either from natural gas pipelines or propane tanks, which require robust and safe hoses and connectors.

The growing trend of outdoor living is pushing up demand for durable gas connectors and hoses. To ensure the safe operation of outdoor appliances, reliable gas delivery systems are essential. These systems must withstand harsh weather conditions and meet safety standards. Additionally, as safety regulations become stricter, there is a preference for high-quality, long-lasting hoses and connectors, contributing to the market's expansion. Commercial establishments, such as restaurants and hotels with outdoor dining areas, fuel the demand for these products.

Among the different types of gas used, natural gas is the primary driver of the market's growth, with a projected CAGR of 7.9%. It is widely used for heating, cooking, and hot water systems in residential and commercial sectors. In industrial applications, natural gas helps in power generation and manufacturing, further driving the need for reliable and high-pressure gas connectors. As natural gas is a cleaner and more affordable energy source compared to other fossil fuels, its global adoption is on the rise. This shift, along with the expansion of natural gas infrastructure, particularly in emerging markets, supports the growth of gas connectors and hoses.

The stainless steel segment is expected to grow with an 8.3% CAGR in 2023. Stainless steel's durability, resistance to corrosion, and ability to withstand high pressure and extreme temperatures make it an ideal material for gas connectors. It is also highly resistant to environmental factors such as UV rays, moisture, and chemicals, making it particularly suited for outdoor applications. This versatility and safety factor make stainless steel connectors the preferred choice for industrial and residential use.

The U.S. gas connectors and hoses market is expected to generate USD 5.4 billion by 2032, driven by advanced infrastructure, high demand across industries, and stringent safety regulations. The well-established natural gas infrastructure in the U.S. is crucial for heating, cooking, and industrial processes, leading to an increased need for durable gas connectors. The North American market is also at the forefront of innovation, with manufacturers developing advanced solutions that comply with strict safety standards, further boosting demand across residential, commercial, and industrial sectors.

Contents

Report Content

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market scope & definitions
- 1.2 Base estimates & calculations
- 1.3 Forecast calculations
- 1.4 Data sources
 - 1.4.1 Primary
 - 1.4.2 Secondary
 - 1.4.2.1 Paid sources
 - 1.4.2.2 Public sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry synopsis, 2021-2032

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
 - 3.1.1 Factor affecting the value chain
 - 3.1.2 Profit margin analysis
 - 3.1.3 Disruptions
 - 3.1.4 Future outlook
 - 3.1.5 Manufacturers
 - 3.1.6 Distributors
- 3.2 Supplier landscape
- 3.3 Profit margin analysis
- 3.4 Key news & initiatives
- 3.5 Regulatory landscape
- 3.6 Impact forces
 - 3.6.1 Growth drivers
 - 3.6.1.1 Increasing Popularity of Outdoor Living Spaces
 - 3.6.1.2 Increasing demand for natural gas in residential, commercial, and industrial applications
 - 3.6.1.3 Advancements in manufacturing technologies
 - 3.6.2 Industry pitfalls & challenges

- 3.6.2.1 Growing Preference for Electric Appliances
- 3.6.2.2 Growing popularity of renewable energy sources
- 3.7 Growth potential analysis
- 3.8 Porter's analysis
- 3.9 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2023

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Competitive positioning matrix
- 4.4 Strategic outlook matrix

CHAPTER 5 MARKET ESTIMATES & FORECAST, BY TYPE OF GAS, 2021-2032 (USD BILLION) (THOUSAND UNITS)

- 5.1 Key trends
- 5.2 Natural gas
- 5.3 Propane
- 5.4 Butane
- 5.5 Others

CHAPTER 6 MARKET ESTIMATES & FORECAST, BY MATERIAL, 2021-2032 (USD BILLION) (THOUSAND UNITS)

- 6.1 Key trends
- 6.2 Stainless steel
- 6.3 Rubber
- 6.4 Thermoplastic

CHAPTER 7 MARKET ESTIMATES & FORECAST, BY END USE, 2021-2032 (USD BILLION) (THOUSAND UNITS)

- 7.1 Key trends
- 7.2 Household
- 7.3 Commercial
 - 7.3.1 Restaurants
 - 7.3.2 Hotels
 - 7.3.3 Cafes

7.4 Industrial

7.5 Medical

CHAPTER 8 MARKET ESTIMATES & FORECAST, BY REGION, 2021-2032 (USD BILLION) (THOUSAND UNITS)

8.1 Key trends

8.2 North America

8.2.1 U.S.

8.2.2 Canada

8.3 Europe

8.3.1 UK

8.3.2 Germany

8.3.3 France

8.3.4 Italy

8.3.5 Spain

8.3.6 Russia

8.4 Asia Pacific

8.4.1 China

8.4.2 India

8.4.3 Japan

8.4.4 South Korea

8.4.5 Australia

8.5 Latin America

8.5.1 Brazil

8.5.2 Mexico

8.6 MEA

8.6.1 South Africa

8.6.2 Saudi Arabia

8.6.3 UAE

CHAPTER 9 COMPANY PROFILES

9.1 Bay Corporation

9.2 Bromic Plumbing and Gas

9.3 Companion Outdoor

9.4 Continental AG

9.5 Dormont

9.6 FlexTech

- 9.7 Grainger
- 9.8 IBEDA
- 9.9 OmegaFlex
- 9.10 Parker Hannifin
- 9.11 Prestige
- 9.12 Regency Gas Hoses
- 9.13 RRMcia
- 9.14 T&S Brass and Bronze Works
- 9.15 Tubes International

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