

Vacuum Insulation Panel Market Report by Type (Flat Panel, Special Shape Panel), Raw Material (Plastics, Metal), Core Material (Silica, Fiberglass, and Others), Application (Construction, Cooling and Freezing Devices, Logistics, and Others), and Region 2024-2032

<https://marketpublishers.com/r/V5CD9B9BB149EN.html>

Date: April 2024

Pages: 135

Price: US\$ 3,899.00 (Single User License)

ID: V5CD9B9BB149EN

Abstracts

The global vacuum insulation panel market size reached US\$ 9.1 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 13.4 Billion by 2032, exhibiting a growth rate (CAGR) of 4.2% during 2024-2032.

A vacuum insulation panel (VIP) is a flat element comprising an open porous core material, which withstands the external load caused by atmospheric pressure and a gas-tight envelope to maintain the required quality of the vacuum. It is ideal for the transportation of heat-sensitive products in extreme conditions, such as prolonged periods and intense temperatures. It offers low insulation thickness and high-performance thermal insulation. As a result, VIP finds extensive applications in the construction and logistics industries across the globe.

Vacuum Insulation Panel Market Trends:

In recent years, significant progress in nanotechnology and material sciences, allowing the adaptation of known theoretical principles of thermal physics in practice, has resulted in the development of high-performance thermal insulators. This, in confluence with increasing construction activities on account of rapid industrialization and urbanization across the globe, represents one of the key factors bolstering the growth of the market. Moreover, VIPs are used as external or internal insulation in detached houses, apartment buildings, nurseries, and office buildings in new construction and renovations. They are also utilized for insulating floors, facades, flat roofs, terraces, walls, attic hatches, and stairs. Apart from this, they are used in refrigerated trucks and

transportation systems, vending machines, cold storage units like fridges, freezers, and wine coolers, and packaging for medical and pharmaceutical products. In addition, VIPs are viable for high-temperature applications, such as domestic ovens, furnaces, hot water tanks, and concentrated solar plants, especially with heat-resistant glass-fiber core panels. Besides this, VIPs exhibit superior insulation performance than conventional insulating panels, which is impelling the growth of the market. Furthermore, the rapid expansion of cold storage facilities worldwide is positively influencing the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global vacuum insulation panel market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on type, raw material, core material and application.

Breakup by Type:

Flat Panel

Special Shape Panel

Breakup by Raw Material:

Plastics

Metal

Breakup by Core Material:

Silica

Fiberglass

Others

Breakup by Application:

Construction

Cooling and Freezing Devices

Logistics

Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Avery Dennison Corporation, BASF SE, Etex Building Performance NV (Etex Group), Evonik Industries AG (RAG-Stiftung), Kevothermal Ltd, Kingspan Group plc, Knauf Insulation, Morgan Advanced Materials, OCI Company Ltd., Panasonic Corporation, TURNA d.o.o. and Va-Q-Tec AG.

Key Questions Answered in This Report

1. What was the size of the global vacuum insulation panel market in 2023?
2. What is the expected growth rate of the global vacuum insulation panel market during 2024-2032?
3. What are the key factors driving the global vacuum insulation panel market?

4. What has been the impact of COVID-19 on the global vacuum insulation panel market?
5. What is the breakup of the global vacuum insulation panel market based on the type?
6. What is the breakup of the global vacuum insulation panel market based on the core material?
7. What is the breakup of the global vacuum insulation panel market based on the application?
8. What are the key regions in the global vacuum insulation panel market?
9. Who are the key players/companies in the global vacuum insulation panel market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL VACUUM INSULATION PANEL MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TYPE

- 6.1 Flat Panel
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Special Shape Panel
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast

7 MARKET BREAKUP BY RAW MATERIAL

7.1 Plastics

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Metal

7.2.1 Market Trends

7.2.2 Market Forecast

8 MARKET BREAKUP BY CORE MATERIAL

8.1 Silica

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Fiberglass

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Others

8.3.1 Market Trends

8.3.2 Market Forecast

9 MARKET BREAKUP BY APPLICATION

9.1 Construction

9.1.1 Market Trends

9.1.2 Market Forecast

9.2 Cooling and Freezing Devices

9.2.1 Market Trends

9.2.2 Market Forecast

9.3 Logistics

9.3.1 Market Trends

9.3.2 Market Forecast

9.4 Others

9.4.1 Market Trends

9.4.2 Market Forecast

10 MARKET BREAKUP BY REGION

10.1 North America

- 10.1.1 United States
 - 10.1.1.1 Market Trends
 - 10.1.1.2 Market Forecast
- 10.1.2 Canada
 - 10.1.2.1 Market Trends
 - 10.1.2.2 Market Forecast
- 10.2 Asia-Pacific
 - 10.2.1 China
 - 10.2.1.1 Market Trends
 - 10.2.1.2 Market Forecast
 - 10.2.2 Japan
 - 10.2.2.1 Market Trends
 - 10.2.2.2 Market Forecast
 - 10.2.3 India
 - 10.2.3.1 Market Trends
 - 10.2.3.2 Market Forecast
 - 10.2.4 South Korea
 - 10.2.4.1 Market Trends
 - 10.2.4.2 Market Forecast
 - 10.2.5 Australia
 - 10.2.5.1 Market Trends
 - 10.2.5.2 Market Forecast
 - 10.2.6 Indonesia
 - 10.2.6.1 Market Trends
 - 10.2.6.2 Market Forecast
 - 10.2.7 Others
 - 10.2.7.1 Market Trends
 - 10.2.7.2 Market Forecast
- 10.3 Europe
 - 10.3.1 Germany
 - 10.3.1.1 Market Trends
 - 10.3.1.2 Market Forecast
 - 10.3.2 France
 - 10.3.2.1 Market Trends
 - 10.3.2.2 Market Forecast
 - 10.3.3 United Kingdom
 - 10.3.3.1 Market Trends
 - 10.3.3.2 Market Forecast
 - 10.3.4 Italy

- 10.3.4.1 Market Trends
- 10.3.4.2 Market Forecast
- 10.3.5 Spain
 - 10.3.5.1 Market Trends
 - 10.3.5.2 Market Forecast
- 10.3.6 Russia
 - 10.3.6.1 Market Trends
 - 10.3.6.2 Market Forecast
- 10.3.7 Others
 - 10.3.7.1 Market Trends
 - 10.3.7.2 Market Forecast
- 10.4 Latin America
 - 10.4.1 Brazil
 - 10.4.1.1 Market Trends
 - 10.4.1.2 Market Forecast
 - 10.4.2 Mexico
 - 10.4.2.1 Market Trends
 - 10.4.2.2 Market Forecast
 - 10.4.3 Others
 - 10.4.3.1 Market Trends
 - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa
 - 10.5.1 Market Trends
 - 10.5.2 Market Breakup by Country
 - 10.5.3 Market Forecast

11 SWOT ANALYSIS

- 11.1 Overview
- 11.2 Strengths
- 11.3 Weaknesses
- 11.4 Opportunities
- 11.5 Threats

12 VALUE CHAIN ANALYSIS

13 PORTERS FIVE FORCES ANALYSIS

- 13.1 Overview

- 13.2 Bargaining Power of Buyers
- 13.3 Bargaining Power of Suppliers
- 13.4 Degree of Competition
- 13.5 Threat of New Entrants
- 13.6 Threat of Substitutes

14 PRICE ANALYSIS

15 COMPETITIVE LANDSCAPE

- 15.1 Market Structure
- 15.2 Key Players
- 15.3 Profiles of Key Players
 - 15.3.1 Avery Dennison Corporation
 - 15.3.1.1 Company Overview
 - 15.3.1.2 Product Portfolio
 - 15.3.1.3 Financials
 - 15.3.1.4 SWOT Analysis
 - 15.3.2 BASF SE
 - 15.3.2.1 Company Overview
 - 15.3.2.2 Product Portfolio
 - 15.3.2.3 Financials
 - 15.3.2.4 SWOT Analysis
 - 15.3.3 Etex Building Performance NV (Etex Group)
 - 15.3.3.1 Company Overview
 - 15.3.3.2 Product Portfolio
 - 15.3.4 Evonik Industries AG (RAG-Stiftung)
 - 15.3.4.1 Company Overview
 - 15.3.4.2 Product Portfolio
 - 15.3.4.3 Financials
 - 15.3.4.4 SWOT Analysis
 - 15.3.5 Kevothermal Ltd
 - 15.3.5.1 Company Overview
 - 15.3.5.2 Product Portfolio
 - 15.3.6 Kingspan Group plc
 - 15.3.6.1 Company Overview
 - 15.3.6.2 Product Portfolio
 - 15.3.6.3 Financials
 - 15.3.6.4 SWOT Analysis

- 15.3.7 Knauf Insulation
 - 15.3.7.1 Company Overview
 - 15.3.7.2 Product Portfolio
- 15.3.8 Morgan Advanced Materials
 - 15.3.8.1 Company Overview
 - 15.3.8.2 Product Portfolio
 - 15.3.8.3 Financials
- 15.3.9 OCI Company Ltd.
 - 15.3.9.1 Company Overview
 - 15.3.9.2 Product Portfolio
 - 15.3.9.3 Financials
 - 15.3.9.4 SWOT Analysis
- 15.3.10 Panasonic Corporation
 - 15.3.10.1 Company Overview
 - 15.3.10.2 Product Portfolio
 - 15.3.10.3 Financials
 - 15.3.10.4 SWOT Analysis
- 15.3.11 TURNA d.o.o.
 - 15.3.11.1 Company Overview
 - 15.3.11.2 Product Portfolio
- 15.3.12 Va-Q-Tec AG
 - 15.3.12.1 Company Overview
 - 15.3.12.2 Product Portfolio
 - 15.3.12.3 Financials

List Of Tables

LIST OF TABLES

Table 1: Global: Vacuum Insulation Panel Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Vacuum Insulation Panel Market Forecast: Breakup by Type (in Million US\$), 2024-2032

Table 3: Global: Vacuum Insulation Panel Market Forecast: Breakup by Raw Material (in Million US\$), 2024-2032

Table 4: Global: Vacuum Insulation Panel Market Forecast: Breakup by Core Material (in Million US\$), 2024-2032

Table 5: Global: Vacuum Insulation Panel Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 6: Global: Vacuum Insulation Panel Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 7: Global: Vacuum Insulation Panel Market: Competitive Structure

Table 8: Global: Vacuum Insulation Panel Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Vacuum Insulation Panel Market: Major Drivers and Challenges

Figure 2: Global: Vacuum Insulation Panel Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Vacuum Insulation Panel Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Vacuum Insulation Panel Market: Breakup by Type (in %), 2023

Figure 5: Global: Vacuum Insulation Panel Market: Breakup by Raw Material (in %), 2023

Figure 6: Global: Vacuum Insulation Panel Market: Breakup by Core Material (in %), 2023

Figure 7: Global: Vacuum Insulation Panel Market: Breakup by Application (in %), 2023

Figure 8: Global: Vacuum Insulation Panel Market: Breakup by Region (in %), 2023

Figure 9: Global: Vacuum Insulation Panel (Flat Panel) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 10: Global: Vacuum Insulation Panel (Flat Panel) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 11: Global: Vacuum Insulation Panel (Special Shape Panel) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 12: Global: Vacuum Insulation Panel (Special Shape Panel) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 13: Global: Vacuum Insulation Panel (Plastics) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 14: Global: Vacuum Insulation Panel (Plastics) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 15: Global: Vacuum Insulation Panel (Metal) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 16: Global: Vacuum Insulation Panel (Metal) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 17: Global: Vacuum Insulation Panel (Silica) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 18: Global: Vacuum Insulation Panel (Silica) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 19: Global: Vacuum Insulation Panel (Fiberglass) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 20: Global: Vacuum Insulation Panel (Fiberglass) Market Forecast: Sales Value

(in Million US\$), 2024-2032

Figure 21: Global: Vacuum Insulation Panel (Other Core Materials) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 22: Global: Vacuum Insulation Panel (Other Core Materials) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 23: Global: Vacuum Insulation Panel (Construction) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 24: Global: Vacuum Insulation Panel (Construction) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 25: Global: Vacuum Insulation Panel (Cooling and Freezing Devices) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 26: Global: Vacuum Insulation Panel (Cooling and Freezing Devices) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 27: Global: Vacuum Insulation Panel (Logistics) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: Global: Vacuum Insulation Panel (Logistics) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: Global: Vacuum Insulation Panel (Other Applications) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: Global: Vacuum Insulation Panel (Other Applications) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: North America: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: North America: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: United States: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 34: United States: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: Canada: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: Canada: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: Asia-Pacific: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: Asia-Pacific: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: China: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 40: China: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 41: Japan: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 42: Japan: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: India: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 44: India: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 45: South Korea: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 46: South Korea: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 47: Australia: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 48: Australia: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 49: Indonesia: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 50: Indonesia: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 51: Others: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 52: Others: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 53: Europe: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 54: Europe: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 55: Germany: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 56: Germany: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 57: France: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 58: France: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 59: United Kingdom: Vacuum Insulation Panel Market: Sales Value (in Million

US\$), 2018 & 2023

Figure 60: United Kingdom: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 61: Italy: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 62: Italy: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 63: Spain: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 64: Spain: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 65: Russia: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 66: Russia: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 67: Others: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 68: Others: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 69: Latin America: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 70: Latin America: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 71: Brazil: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 72: Brazil: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 73: Mexico: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 74: Mexico: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 75: Others: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 76: Others: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 77: Middle East and Africa: Vacuum Insulation Panel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 78: Middle East and Africa: Vacuum Insulation Panel Market: Breakup by Country (in %), 2023

Figure 79: Middle East and Africa: Vacuum Insulation Panel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 80: Global: Vacuum Insulation Panel Industry: SWOT Analysis

Figure 81: Global: Vacuum Insulation Panel Industry: Value Chain Analysis

Figure 82: Global: Vacuum Insulation Panel Industry: Porter's Five Forces Analysis

I would like to order

Product name: Vacuum Insulation Panel Market Report by Type (Flat Panel, Special Shape Panel), Raw Material (Plastics, Metal), Core Material (Silica, Fiberglass, and Others), Application (Construction, Cooling and Freezing Devices, Logistics, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/V5CD9B9BB149EN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/V5CD9B9BB149EN.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