

## Vacuum Insulation Panels (VIPs) – A Global Market Overview

This report reviews, analyzes and projects the Vacuum Insulation Panels (VIPs) market for global and the regional markets including the North America, Europe, Asia-Pacific and Rest of World for the period 2022-2032 in terms of volume (square meters/m<sup>2</sup>) as well as value (US\$). The market for the material types of VIP products analyzed in this study comprise Core Materials – Fumed Silica, Fiberglass and Others; and Envelope Materials – Aluminum Foils and Metalized Laminates. The report also explores global VIPs market by application consisting of Refrigerators & Freezers, Cold Chain Logistics, Building & Construction and Others.

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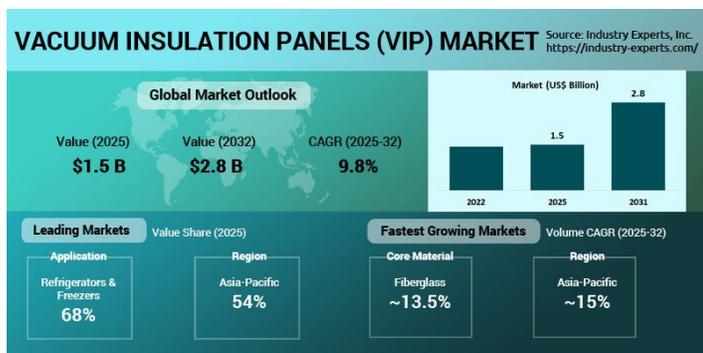
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### Global Vacuum Insulation Panels (VIPs) Market Trends and Outlook

The global Vacuum Insulation Panels (VIPs) market is primarily driven by increasingly stringent energy-efficiency regulations for appliances and buildings, along with rising demand for reliable thermal protection in pharmaceutical and biotech cold chain logistics. Appliance manufacturers remain the largest adopters of VIPs as they seek to comply with tightening efficiency standards, while regulatory scrutiny of pharmaceutical cold chains continues to reinforce demand for high-performance insulation solutions. Although adoption in the construction sector has historically been limited by the higher cost of VIPs, their use is gaining traction in space-constrained buildings and high-performance retrofit projects, particularly in parts of Asia-Pacific and Europe. In 2025, global VIP consumption reached approximately 64.3 million square meters, with market value of about US\$1.46 billion. Looking ahead, the market is expected to grow at a 13.6% CAGR in volume and a 9.8% CAGR in value during 2025-2032, reaching around 156.7 million square meters and US\$2.81 billion by 2032, supported by accelerating adoption in appliances, steady expansion of pharmaceutical cold chains, and the gradual transition of VIPs from pilot-scale to commercial use in building applications across key regions.



### Vacuum Insulation Panels (VIPs) Market Report Scope

This report reviews, analyzes and projects the Vacuum Insulation Panels (VIPs) market for global and the regional markets by core material type, envelope material type and application for the period 2022-2032 in terms of volume (square meters/m<sup>2</sup>) as well as value (US\$).

### Key Metrics

Historical Period:	2022-2024
Base Year:	2025
Forecast Period:	2025-2032
Units:	Volume consumption in Thousand Square Meters and Value market in US\$
Companies Mentioned:	11

### Global Vacuum Insulation Panels (VIPs) Market by Geographic Region

- North America (The United States and Mexico)
- Europe (Austria, France, Germany, Italy, Switzerland, The United Kingdom and Rest of Europe)
- Asia-Pacific (China, Japan, South Korea and Rest of Asia-Pacific)
- Rest of World (Turkey, Russia, Brazil and Other ROW)

### Global Vacuum Insulation Panels (VIPs) Market by Product Types

- By Core Material
  - Fumed Silica VIPs
  - Fiberglass VIPs
  - Other Core Material based VIPs (Aerogel, Expanded Perlite, Hybrid and PU foam)
- By Envelope Material
  - Aluminum Foils based VIPs
  - Metalized Laminates based VIPs

### Global Vacuum Insulation Panels (VIPs) Market by Applications

- Refrigerators & Freezers
- Cold Chain Logistics
- Building & Construction
- Other Applications (such as marine, automotive, aerospace, hot water storage, industrial & technical insulation etc.)

**SAMPLE COMPANY PROFILE**

**FUJIAN SUPERTECH ADVANCED MATERIAL CO., LTD. (CHINA)**

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Longyan City, Fujian, China  
Phone: +86-0592-6199958  
Email: market@supertech-vip.com  
Website: www.supertech-vip.com

**Business Overview**

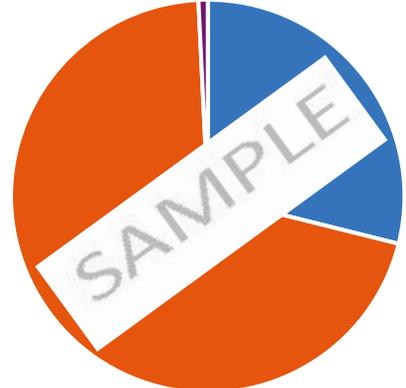
Fujian SuperTech Advanced Material Co., Ltd., also known as Fujian Saite New Materials Co., Ltd., was founded in 2007 and is engaged in the research and development, production, and supply of vacuum insulation panels (VIPs) and related vacuum insulation products. The company manufactures VIPs, VIP-based cold-chain insulation boxes, fiberglass core materials, vacuum insulating glass (VIG), barrier films, and gas adsorbents, and also provides performance testing services for vacuum-packaged products. Headquartered in Liancheng County, Longyan City, Fujian Province, with an operations center in Xiamen, the company operates multiple subsidiaries including SuperTech Cold Chain Technology, Film Technology, VIG (Xiamen) Technology, SuperTech Building Materials, and Anhui SuperTech. Fujian SuperTech supplies VIP products primarily to appliance manufacturers across the United States, Europe, China, Japan, South Korea, and Taiwan. According to company disclosures, annual production capacity includes approximately 12 million square meters of VIPs, 36,000 tons of core materials, and 100 million square meters of barrier films.

SuperTech Advanced Material has developed integrated capabilities covering core materials, barrier films, adsorbents, vacuum packaging, and intelligent manufacturing equipment. Its R&D activities span seven key areas, including VIP service life, core materials, thin-film technology, gas adsorbents, equipment automation, application development, and inspection and testing. The company offers OEM services to domestic and international cold-chain enterprises and reports cumulative global VIP sales exceeding 43 million square meters, with a strong presence in refrigerator and freezer insulation markets and long-term partnerships with companies such as Haier, Samsung, Midea, and CIMC. In July 2024, Fujian SuperTech announced a project in Liancheng County to add an annual capacity of 5 million square meters of architectural VIPs. In parallel, its subsidiary VIG (Xiamen) Technology completed the main structure of a vacuum glass production facility in January 2024, which, once fully operational, is planned to reach an annual output capacity of 2 million square meters of vacuum insulating glass.

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**SAMPLE TABLE/CHART**

Glance at 2022, 2025 and 2032 Global Vacuum Insulation Panels (VIPs) Market Share (%) by Core Material Type - Fumed Silica, Fiberglass and Others



Global Fumed Silica VIPs Market Analysis (2022-2032) by Geographic Region - North America, Europe, Asia-Pacific and Rest of World in Thousand Square Meters



**KEY PLAYERS PROFILED**

- AEROPAN - AMA Advanced Materials Srl
- AeroSafe Global
- Asahi Fiber Glass Co., Ltd.
- Chuzhou Yinxing New Material Technology Co., Ltd.
- CSafe Global
- ES Global Co., Ltd.
- Etex Building Performance NV (Promat)
- Fujian SuperTech Advanced Material Co., Ltd.
- Future Housing Co., Ltd.
- Hitachi Global Life Solutions, Inc.
- Isolcore - New Zealand Company S.R.L.

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## TABLE OF CONTENTS

### PART A: GLOBAL MARKET PERSPECTIVE ..... 1

#### 1. INTRODUCTION ..... 1

- 1.1 Global Vacuum Insulation Panels Market by Geographic Region .....2
- 1.2 Global Vacuum Insulation Panels Market by Application.....4
- 1.3 Key Trends Shaping the Vacuum Insulation Panels (VIPs) Industry.....6
  - 1.3.1 VIPs in Buildings: Global Market Dynamics, Use-Case Analysis, and Adoption Trajectory.....6
  - 1.3.2 Household Refrigeration and Freezers: Regulation-Driven Structural Demand.....7
  - 1.3.3 Cold Chain Logistics: From Active Cooling to Passive Thermal Assurance.....9
  - 1.3.4 New Energy Vehicles and Battery Systems: A Breakthrough Application.....9
  - 1.3.5 Hydrogen, LNG, and Cryogenic Energy Systems: Enabling Scalable Storage .....10
  - 1.3.6 Key Material and Product Innovations...10
- 1.4 Product Outline.....12
  - 1.4.1 Vacuum Insulation Panels (VIPs).....12
    - 1.4.1.1 History of Vacuum Insulated Panels ...12
    - 1.4.1.2 VIPs Against Other Insulation Materials.....13
    - 1.4.1.3 Components and Materials Used in Vacuum Insulation Panels.....15
      - 1.4.1.3.1 Core Materials.....16
        - 1.4.1.3.1.1 Fumed Silica .....16
        - 1.4.1.3.1.2 Fiberglass .....17
        - 1.4.1.3.1.3 Foams.....18
        - 1.4.1.3.1.4 Aerogels .....18
        - 1.4.1.3.1.5 Other Core Materials .....19
          - 1.4.1.3.1.5.1 Fiber-Powder Composites.....19
          - 1.4.1.3.1.5.2 Expanded Perlite .....19
          - 1.4.1.3.1.5.3 Honeycomb Glass Fiber Mat .....20
      - 1.4.1.3.2 Envelopes.....20
        - 1.4.1.3.2.1 Structure of VIP Envelope .....21
          - 1.4.1.3.2.1.1 Protective Layer .....22
          - 1.4.1.3.2.1.2 Barrier Layer.....22
          - 1.4.1.3.2.1.3 Sealing Layer .....23
        - 1.4.1.3.2.2 Getters and Desiccants .....23
        - 1.4.1.3.2.3 Opacifiers .....23
        - 1.4.1.3.2.4 Sensors.....24
      - 1.4.1.3.2.1.1 Protective Layer .....22
      - 1.4.1.3.2.1.2 Barrier Layer.....22
      - 1.4.1.3.2.1.3 Sealing Layer .....23
    - 1.4.1.3.3 Getters and Desiccants .....23
    - 1.4.1.3.4 Opacifiers .....23
    - 1.4.1.3.5 Sensors.....24
  - 1.4.1.4 Manufacturing Process of VIPs .....24
    - 1.4.1.4.1 Preparation of Core Material .....24

- 1.4.1.4.2 Preparation of Envelope ..... 25
- 1.4.1.4.3 Insertion of the Core and Vacuum Sealing ..... 25
- 1.4.1.5 Working Mechanism of VIPs ..... 25
- 1.4.2 Applications of VIPs ..... 26
  - 1.4.2.1 Appliances..... 27
  - 1.4.2.2 Building & Construction ..... 28
  - 1.4.2.3 Cold Chain Logistics ..... 30
  - 1.4.2.4 Transport Refrigeration ..... 31
  - 1.4.2.5 Other Applications ..... 31
- 1.4.3 Vacuum Insulation Panels Standards..... 31
  - 1.4.3.1 International Level ..... 32
  - 1.4.3.2 The United States ..... 32
  - 1.4.3.3 Europe ..... 32
  - 1.4.3.4 China ..... 33
  - 1.4.3.5 ASTM International..... 33
  - 1.4.3.6 Japan..... 34
  - 1.4.3.7 South Korea ..... 34
- 2. INDUSTRY LANDSCAPE ..... 35**
  - 2.1 Vacuum Insulation Panels Producers..... 36
    - 2.1.1 AEROPAN - AMA Advanced Materials Srl (Italy)..... 36
    - 2.1.2 AeroSafe Global (United States) ..... 37
    - 2.1.3 Asahi Fiber Glass Co., Ltd. (Japan) ..... 38
    - 2.1.4 Chuzhou Yinxing New Material Technology Co., Ltd. (China) ..... 39
    - 2.1.5 CSafe Global (United States)..... 40
    - 2.1.6 ES Global Co., Ltd. (South Korea) ..... 40
    - 2.1.7 Etex Building Performance NV (Promat) (Belgium) ..... 41
    - 2.1.8 Fujian SuperTech Advanced Material Co., Ltd. (China) ..... 43
    - 2.1.9 Future Housing Co., Ltd. (South Korea).. 45
    - 2.1.10 Hitachi Global Life Solutions, Inc. (Japan) ..... 46
    - 2.1.11 Isolcore - New Zealand Company S.R.L. (Italy) ..... 46
    - 2.1.12 Jiangsu Sanyou Dior Energy-Saving New Materials Co., Ltd. (China) ..... 47
    - 2.1.13 Kingspan Insulation Ltd (United Kingdom) ..... 47
    - 2.1.14 Knauf Insulation, d.o.o. (Slovenia) ..... 49
    - 2.1.15 KyungDong One Co., Ltd. (South Korea) ..... 50
    - 2.1.16 Morgan Advanced Materials plc (United Kingdom) ..... 51

- 2.1.17 Nantong Ecotherm Insulations Co., Ltd (China) ..... 53
- 2.1.18 NEVEON Holding GmbH (Austria) ..... 53
- 2.1.19 Panasonic Corporation (Japan)..... 54
- 2.1.20 Radmat Building Products Ltd (United Kingdom) ..... 56
- 2.1.21 RuhrTech Co., Ltd. (China) ..... 57
- 2.1.22 Sealed Air Corporation (United States)..... 58
- 2.1.23 Shenzhen Fulang Energy Saving Technology Co., Ltd. (China) ..... 59
- 2.1.24 Sichuan Micolon VIP New Material Co., Ltd. (China) ..... 59
- 2.1.25 Siltherm Int'l Group Limited (China) .... 61
- 2.1.26 SOPREMA UK (United Kingdom)..... 62
- 2.1.27 Tiger Corporation (Japan)..... 63
- 2.1.28 Turvac, inovativne izolacije, d.o.o. (Slovenia)..... 63
- 2.1.29 ALKEGEN (FORMERLY UNIFRAX I LLC) (United States)..... 66
- 2.1.30 V21 GmbH (Germany) ..... 67
- 2.1.31 VAINSCORE Co., Ltd. (South Korea) ..... 67
- 2.1.32 Vaku-Isotherm GmbH (Germany) ..... 68
- 2.1.33 va-Q-tec AG (Germany) ..... 70
- 2.1.34 VARIOTEC GmbH & Co. KG (Germany) ..... 72
- 2.1.35 Wacon Co., Ltd. (Japan)..... 74
- 2.1.36 Winnezona Industrial Co., Ltd. (China) ..... 75
- 2.1.37 Zhejiang Huaheng Composite Materials Co., Ltd (China) ..... 76
- 2.1.38 Zhengzhou Exceed New Technologies Co., Ltd (China) ..... 76
- 2.1.39 Zhongheng New Material Technology Co., Ltd. (China)..... 78
- 2.2 Raw Materials Producers..... 79
  - 2.2.1 Core Materials Manufacturers ..... 79
    - 2.2.1.1 BASF SE (Germany) ..... 79
    - 2.2.1.2 Cabot Corporation (United States) ..... 79
    - 2.2.1.3 Civen Metal Material (Shanghai) Co.,Ltd. (China) ..... 79
    - 2.2.1.4 Chongqing Zaisheng Technology Co., Ltd. (China) ..... 80
    - 2.2.1.5 Evonik Industries AG (Germany)..... 80
    - 2.2.1.6 Isoleika S. Coop. (Spain)..... 80
    - 2.2.1.7 SUMTEQ GmbH (Germany) ..... 81
    - 2.2.1.8 Unicorn Insulations Limited (China) ... 81

2.2.1.9 Wacker Chemie AG (Germany) .....	81	3.8 February 2025.....	88	3.15 April 2024 .....	93
2.2.2 Barrier Films Manufacturers .....	82	3.8.1 Panasonic Industry Launches Fifth- Generation “U-Vacua” Vacuum Insulation Panels .....	88	3.15.1 Cannon Afros Advances LIFE VICORPAN Project with Formable PU-Based VIPs for Commercial Refrigeration .....	93
2.2.2.1 Amcor plc (Switzerland) .....	82	3.8.2 Lock & Lock Launches 50L Kimchi Refrigerator Featuring Vacuum Insulation Panels .....	88	3.16 March 2024 .....	94
2.2.2.2 Anhui Tongda Packaging Material Co., Ltd. (China).....	82	3.9 January 2025.....	89	3.16.1 SuperTech Launches “SuperTech Efficiency Star (SES)” VIP for Class A Energy- Efficient Refrigerators.....	94
2.2.2.3 Avery Dennison Hanita (Israel).....	82	3.9.1 Fujian SuperTech Launches Energy Thermal Management Division to Support Green Energy Applications .....	89	3.16.2 Athena and NEVEON Partner to Distribute Vacuum Insulation Technology for HVAC Energy Efficiency .....	94
2.2.2.4 Camvac Limited (United Kingdom).....	83	3.9.2 SuperTech Accelerates Insulation Applications with Four-Side Sealing VIP Technology .....	89	3.16.3 European Consortium Uses Vacuum Insulation Panels to Enable High-Capacity, Low-Cost Liquid Hydrogen Tanks.....	94
2.2.2.5 Kuraray Co., Ltd. (Japan) .....	83	3.9.3 va-Q-tec Introduces va-Q-vip A2 Non- Combustible Vacuum Insulation Panels for All Building Classes.....	89	3.17 February 2024 .....	95
2.2.2.6 Mitsubishi Polyester Film GmbH (Germany) .....	83	3.9.4 aerogel-it and va-Q-tec Develop Bio- Based Aerogel Core for Vacuum Insulation Panels .....	90	3.17.1 BLUETTI Introduces SwapSolar System Featuring VIP-Insulated Ice-Making Portable Fridge .....	95
2.2.2.7 Rexor (France).....	83	3.10 December 2024 .....	90	3.18 January 2024 .....	95
2.2.3 Getters Manufacturers .....	84	3.10.1 SuperTech’s “Black Technology” Vacuum Insulation Supports Home Appliances in Meeting EU A-Level Energy Standards.....	90	3.18.1 CSafe Expands Cold-Chain Network in India with New Bengaluru Station .....	95
2.2.3.1 SAES Getters S.p.A. (Italy) .....	84	3.10.2 PRISM+ Expands Singapore Refrigerator Lineup with VIP-Equipped PureFresh Models.....	91	3.18.2 Whirlpool Introduces SlimTech Vacuum-Sealed Insulation in Next- Generation Refrigerators.....	95
2.2.3.2 SE-JONG Materials Inc. (South Korea).....	84	3.11 November 2024 .....	91	3.19 October 2023.....	96
<b>3. KEY BUSINESS AND PRODUCT TRENDS.....</b>	<b>85</b>	3.11.1 Turvac Expands Manufacturing and R&D Capacity to Advance Vacuum Insulation Technology.....	91	3.19.1 Seegene Launches Styrofoam-Free Shipping Boxes Using Vacuum Insulation Panels for Diagnostic Kits .....	96
3.1 December 2025.....	85	3.12 October 2024 .....	91	3.20 August 2023.....	96
3.1.1 Hitachi Launches Made-in-Japan Multi-Door Refrigerator in Australia Featuring Vacuum Insulation Panels.....	85	3.12.1 Fujian SuperTech Participates in National Standard Setting for Greenhouse Gas Emission Reporting .....	91	3.20.1 Future Housing Co. Ltd. Drives Adoption of Vacuum Insulation Panels for Low-Carbon Buildings .....	96
3.2 November 2025 .....	85	3.12.2 Dometic Unveils CFX5 Portable Fridge-Freezer with Improved Insulation and Smart Controls .....	92	3.21 May 2023.....	96
3.2.1 Wacon Launches Full-Scale Vacuum Insulation Panel Business with Japan’s Only Fumed Silica VIP Line .....	85	3.13 September 2024 .....	92	3.21.1 Asahi Fiberglass Launches JIS- Certified VIP-Build® Vacuum Insulation Panels for Buildings .....	96
3.3 October 2025 .....	85	3.13.1 Flexcon Licenses ORNL Self-Healing Barrier Film Technology for Vacuum Insulation Panels.....	92	3.21.2 Asahi Fiberglass Launches VIP-Build® JIS-Certified Vacuum Insulation Panel for Buildings .....	97
3.3.1 Turvac Becomes Fully Owned Subsidiary of Recticel Group .....	85	3.14 August 2024.....	93	3.22 March 2023 .....	97
3.4 June 2025 .....	86	3.14.1 SuperTech Plans to Add 5 Million Square Meters of Building-use VIPs.....	93	3.22.1 Panasonic Opens World’s Largest Vacuum Insulation Panel R&D and Manufacturing Base in Chongqing .....	97
3.4.1 Panasonic Launches VIXELL Container Services for Long-Duration, Power-Free Cold Chain Transport .....	86	3.14.2 Pluss Launches Celsure® XL VIP Pallets for Long-Duration Temperature- Controlled Logistics.....	93	3.23 November 2022.....	98
3.5 May 2025 .....	86			3.23.1 Panasonic Announces Strategic Partnership to Promote Vacuum Insulation Materials for Green Buildings in China .....	98
3.5.1 Panasonic to Showcase ADVANC-R® VIP at AIA 2025, Raising the Bar for Low- Slope Roofing Insulation .....	86			3.24 October 2022.....	98
3.5.2 Hisense Launches UltraCapacity Side- by-Side Refrigerator Using Vacuum Insulated Panel Technology .....	86			3.24.1 ES Global Showcases Next- Generation Vacuum Insulation Panels at KES 2022.....	98
3.6 April 2025.....	87				
3.6.1 Kingspan Insulation Introduces OPTIM-R® E Encapsulated Vacuum Insulation Panel for Space-Constrained Applications .....	87				
3.6.2 Tiger Corporation to Deploy Stainless Steel VIP-Based Reefer Containers at Expo 2025 Osaka-Kansai .....	87				
3.7 March 2025.....	88				
3.7.1 Cannon Afros Develops VIP Panels from Recycled Foam with Significantly Higher Insulation Performance .....	88				

3.25 July 2022 .....	98	5.2 North American Vacuum Insulation Panels (VIPs) Market Overview by Core Material Type.....	158	7.3 Asia-Pacific Vacuum Insulation Panels (VIPs) Market Overview by Envelope Material Type .....	224
3.25.1 Asahi Fiberglass Becomes Japan’s First JIS-Certified Supplier of Architectural Vacuum Insulation Panels.....	98	5.3 North American Vacuum Insulation Panels (VIPs) Market Overview by Envelope Material Type.....	162	7.4 Asia-Pacific Vacuum Insulation Panels (VIPs) Market Overview by Application .....	228
3.26 April 2022.....	99	5.4 North American Vacuum Insulation Panels (VIPs) Market Overview by Application.....	166	7.5 Country-wise Analysis of Asia-Pacific Vacuum Insulation Panels .....	232
3.26.1 Kingspan Insulation to Invest \$27 Million in Frederick County Expansion.....	99	5.5 Country-wise Analysis of North American Vacuum Insulation Panels .....	170	7.5.1 China.....	232
<b>4. GLOBAL MARKET OVERVIEW .....</b>	<b>100</b>	5.5.1 The United States .....	170	7.5.2 Japan.....	236
4.1 Global Vacuum Insulation Panels (VIPs) Market Overview by Core Material Type .....	101	5.5.2 Mexico .....	174	7.5.3 South Korea .....	240
4.1.1 Vacuum Insulation Panels (VIPs) Core Material Type Market Overview by Global Region .....	105	<b>6. EUROPE .....</b>	<b>178</b>	7.5.4 Rest of Asia-Pacific.....	244
4.1.1.1 Fumed Silica VIPs .....	105	6.1 European Vacuum Insulation Panels (VIPs) Market Overview by Geographic Region.....	179	<b>8. REST OF WORLD .....</b>	<b>248</b>
4.1.1.2 Fiberglass VIPs.....	109	6.2 European Vacuum Insulation Panels (VIPs) Market Overview by Core Material Type .....	183	8.1 Rest of World Vacuum Insulation Panels (VIPs) Market Overview by Geographic Region .....	249
4.1.1.3 Other Core Material-based VIPs .....	113	6.3 European Vacuum Insulation Panels (VIPs) Market Overview by Envelope Material Type.....	187	8.2 Rest of World Vacuum Insulation Panels (VIPs) Market Overview by Core Material Type .....	253
4.2 Global Vacuum Insulation Panels (VIPs) Market Overview by Envelope Material Type ...	117	6.4 European Vacuum Insulation Panels (VIPs) Market Overview by Application .....	191	8.3 Rest of World Vacuum Insulation Panels (VIPs) Market Overview by Envelope Material Type.....	257
4.2.1 Vacuum Insulation Panels (VIPs) Envelope Material Type Market Overview by Global Region .....	121	6.5 Country-wise Analysis of European Vacuum Insulation Panels.....	195	8.4 Rest of World Vacuum Insulation Panels (VIPs) Market Overview by Application .....	261
4.2.1.1 Aluminum Foil based VIPs.....	121	6.5.1 Germany .....	195	8.5 Country-wise Analysis of Rest of World Vacuum Insulation Panels .....	265
4.2.1.2 Metalized Laminates based VIPs.....	125	6.5.2 France .....	199	8.5.1 Turkiye.....	265
4.3 Global Vacuum Insulation Panels (VIPs) Market Overview by Application .....	129	6.5.3 Italy .....	203	8.5.2 Russia.....	269
4.3.1 Vacuum Insulation Panels (VIPs) Application Market Overview by Global Region .....	133	6.5.4 The United Kingdom .....	207	8.5.3 Brazil .....	273
4.3.1.1 Refrigerators & Freezers .....	133	6.5.5 Rest of Europe .....	211	8.5.4 Other Rest of World .....	277
4.3.1.2 Cold Chain Logistics.....	137	<b>7. ASIA-PACIFIC .....</b>	<b>215</b>	<b>PART C: GUIDE TO THE INDUSTRY.....</b>	<b>281</b>
4.3.1.3 Building & Construction .....	141	7.1 Asia-Pacific Vacuum Insulation Panels (VIPs) Market Overview by Geographic Region.....	216	1. Vacuum Insulation Panels (VIPs) Producers and Suppliers.....	281
4.3.1.4 Other Applications .....	145	7.2 Asia-Pacific Vacuum Insulation Panels (VIPs) Market Overview by Core Material Type .....	220	2. Raw Materials Producers.....	284
<b>PART B: REGIONAL MARKET PERSPECTIVE ..</b>	<b>149</b>			<b>PART D: ANNEXURE.....</b>	<b>285</b>
Global Vacuum Insulation Panels (VIPs) Market Overview by Geographic Region .....	149			1. RESEARCH METHODOLOGY .....	285
<b>REGIONAL MARKET OVERVIEW .....</b>	<b>153</b>			2. FeedBack .....	287
<b>5. NORTH AMERICA .....</b>	<b>153</b>				
5.1 North American Vacuum Insulation Panels (VIPs) Market Overview by Geographic Region.....	154				

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