

Cold Insulation Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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Abstracts

The global cold insulation market size reached US\$ 6.0 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 9.6 Billion by 2027, exhibiting a growth rate (CAGR) of 8.1% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

Cold insulation is utilized wherein the operating temperature is below the room temperature. It assists in preventing condensation, moisture intrusion and long-term degradation. It comprises water, solvent and mastic-based vapor barrier, which is resistant to mechanical damages. Some of the commonly used materials in cold insulation include polyisocyanurate (PIR), polyurethane (PUR) rigid foam or cellular glass, and stainless steel or aluminized steel. At present, it is extensively utilized worldwide on account of its ability to protect the environment from greenhouse gas emissions.

Cold Insulation Market Trends:

With the inflating disposable incomes of individuals, the demand for air conditioning and refrigerating devices is escalating around the world. This represents one of the key factors propelling the growth of the market. Apart from this, a considerable increase in awareness about the energy losses and costs are also contributing to the market growth. Moreover, cold insulation is increasingly being adopted across numerous industries like oil and gas. This, in confluence with rising concerns about the adverse impact of greenhouse emissions, is driving the market. Furthermore, leading market players are investing in research and development (R&D) activities to develop insulation materials through sustainable raw material sources. This, along with various initiatives

undertaken by governing agencies of several countries to increase the energy efficiency of public infrastructure, is creating a favorable market outlook. Besides this, the rising adoption of cold insulation in food and chemical storage and cryogenic medical applications across the globe is acting as another growth-inducing factor. Other major factors, such as a surge in energy prices and the increasing usage of liquified petroleum gases (LPG), are anticipated to stimulate the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global cold insulation market report, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on insulation type, material type and application.

Breakup by Insulation Type:

- Fibrous
- Cellular
- Granular

Breakup by Material Type:

- Fiber Glass
- Polyurethane Foam
- Polystyrene Foam
- Phenolic Foam
- Others

Breakup by Application:

- HVAC
- Chemicals
- Oil and Gas
- Refrigeration
- 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 Armacell, Aspen Aerogels Inc., BASF SE, CertainTeed (Compagnie de Saint-Gobain S.A.), Covestro AG, Dow Inc., Evonik Industries AG, Huntsman Corporation, Kingspan Group plc and Owens Corning.

Key Questions Answered in This Report:

How has the global cold insulation market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global cold insulation market?

What are the key regional markets?

What is the breakup of the market based on the insulation type?

What is the breakup of the market based on the material type?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global cold insulation market and who are the key players?
What is the degree of competition in the industry?

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 COLD INSULATION MARKET

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

6 MARKET BREAKUP BY INSULATION TYPE

- 6.1 Fibrous
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Cellular
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Granular

6.3.1 Market Trends

6.3.2 Market Forecast

7 MARKET BREAKUP BY MATERIAL TYPE

7.1 Fiber Glass

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Polyurethane Foam

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Polystyrene Foam

7.3.1 Market Trends

7.3.2 Market Forecast

7.4 Phenolic Foam

7.4.1 Market Trends

7.4.2 Market Forecast

7.5 Others

7.5.1 Market Trends

7.5.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

8.1 HVAC

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Chemicals

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Oil and Gas

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Refrigeration

8.4.1 Market Trends

8.4.2 Market Forecast

8.5 Others

8.5.1 Market Trends

8.5.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

9.3.1.1 Market Trends

9.3.1.2 Market Forecast

9.3.2 France

9.3.2.1 Market Trends

9.3.2.2 Market Forecast

9.3.3 United Kingdom

- 9.3.3.1 Market Trends
- 9.3.3.2 Market Forecast
- 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 Armacell
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.2 Aspen Aerogels Inc.
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 Financials
 - 14.3.3 BASF SE
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.3.4 SWOT Analysis
 - 14.3.4 CertainTeed (Compagnie de Saint-Gobain S.A.)
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 SWOT Analysis
 - 14.3.5 Covestro AG
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.5.3 Financials
 - 14.3.5.4 SWOT Analysis
 - 14.3.6 Dow Inc.
 - 14.3.6.1 Company Overview

- 14.3.6.2 Product Portfolio
- 14.3.6.3 Financials
- 14.3.7 Evonik Industries AG
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.7.3 Financials
 - 14.3.7.4 SWOT Analysis
- 14.3.8 Huntsman Corporation
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
 - 14.3.8.4 SWOT Analysis
- 14.3.9 Kingspan Group plc
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
 - 14.3.9.4 SWOT Analysis
- 14.3.10 Owens Corning
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
 - 14.3.10.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Cold Insulation Market: Key Industry Highlights, 2021 and 2027

Table 2: Global: Cold Insulation Market Forecast: Breakup by Insulation Type (in Million US\$), 2022-2027

Table 3: Global: Cold Insulation Market Forecast: Breakup by Material Type (in Million US\$), 2022-2027

Table 4: Global: Cold Insulation Market Forecast: Breakup by Application (in Million US\$), 2022-2027

Table 5: Global: Cold Insulation Market Forecast: Breakup by Region (in Million US\$), 2022-2027

Table 6: Global: Cold Insulation Market: Competitive Structure

Table 7: Global: Cold Insulation Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Cold Insulation Market: Major Drivers and Challenges

Figure 2: Global: Cold Insulation Market: Sales Value (in Billion US\$), 2016-2021

Figure 3: Global: Cold Insulation Market Forecast: Sales Value (in Billion US\$), 2022-2027

Figure 4: Global: Cold Insulation Market: Breakup by Insulation Type (in %), 2021

Figure 5: Global: Cold Insulation Market: Breakup by Material Type (in %), 2021

Figure 6: Global: Cold Insulation Market: Breakup by Application (in %), 2021

Figure 7: Global: Cold Insulation Market: Breakup by Region (in %), 2021

Figure 8: Global: Cold Insulation (Fibrous) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 9: Global: Cold Insulation (Fibrous) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 10: Global: Cold Insulation (Cellular) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 11: Global: Cold Insulation (Cellular) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 12: Global: Cold Insulation (Granular) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 13: Global: Cold Insulation (Granular) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 14: Global: Cold Insulation (Fiber Glass) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 15: Global: Cold Insulation (Fiber Glass) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 16: Global: Cold Insulation (Polyurethane Foam) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 17: Global: Cold Insulation (Polyurethane Foam) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 18: Global: Cold Insulation (Polystyrene Foam) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 19: Global: Cold Insulation (Polystyrene Foam) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 20: Global: Cold Insulation (Phenolic Foam) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 21: Global: Cold Insulation (Phenolic Foam) Market Forecast: Sales Value (in

Million US\$), 2022-2027

Figure 22: Global: Cold Insulation (Other Material Types) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 23: Global: Cold Insulation (Other Material Types) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 24: Global: Cold Insulation (HVAC) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 25: Global: Cold Insulation (HVAC) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 26: Global: Cold Insulation (Chemicals) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 27: Global: Cold Insulation (Chemicals) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 28: Global: Cold Insulation (Oil and Gas) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 29: Global: Cold Insulation (Oil and Gas) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 30: Global: Cold Insulation (Refrigeration) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 31: Global: Cold Insulation (Refrigeration) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 32: Global: Cold Insulation (Other Applications) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 33: Global: Cold Insulation (Other Applications) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 34: North America: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 35: North America: Cold Insulation Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 36: United States: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 37: United States: Cold Insulation Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 38: Canada: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 39: Canada: Cold Insulation Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 40: Asia-Pacific: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 41: Asia-Pacific: Cold Insulation Market Forecast: Sales Value (in Million US\$),

2022-2027

Figure 42: China: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 43: China: Cold Insulation Market Forecast: Sales Value (in Million US\$),
2022-2027

Figure 44: Japan: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 45: Japan: Cold Insulation Market Forecast: Sales Value (in Million US\$),
2022-2027

Figure 46: India: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 47: India: Cold Insulation Market Forecast: Sales Value (in Million US\$),
2022-2027

Figure 48: South Korea: Cold Insulation Market: Sales Value (in Million US\$), 2016 &
2021

Figure 49: South Korea: Cold Insulation Market Forecast: Sales Value (in Million US\$),
2022-2027

Figure 50: Australia: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 51: Australia: Cold Insulation Market Forecast: Sales Value (in Million US\$),
2022-2027

Figure 52: Indonesia: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 53: Indonesia: Cold Insulation Market Forecast: Sales Value (in Million US\$),
2022-2027

Figure 54: Others: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 55: Others: Cold Insulation Market Forecast: Sales Value (in Million US\$),
2022-2027

Figure 56: Europe: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 57: Europe: Cold Insulation Market Forecast: Sales Value (in Million US\$),
2022-2027

Figure 58: Germany: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 59: Germany: Cold Insulation Market Forecast: Sales Value (in Million US\$),
2022-2027

Figure 60: France: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 61: France: Cold Insulation Market Forecast: Sales Value (in Million US\$),
2022-2027

Figure 62: United Kingdom: Cold Insulation Market: Sales Value (in Million US\$), 2016
& 2021

Figure 63: United Kingdom: Cold Insulation Market Forecast: Sales Value (in Million
US\$), 2022-2027

Figure 64: Italy: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 65: Italy: Cold Insulation Market Forecast: Sales Value (in Million US\$),
2022-2027

Figure 66: Spain: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 67: Spain: Cold Insulation Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 68: Russia: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 69: Russia: Cold Insulation Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 70: Others: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 71: Others: Cold Insulation Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 72: Latin America: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 73: Latin America: Cold Insulation Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 74: Brazil: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 75: Brazil: Cold Insulation Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 76: Mexico: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 77: Mexico: Cold Insulation Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 78: Others: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 79: Others: Cold Insulation Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 80: Middle East and Africa: Cold Insulation Market: Sales Value (in Million US\$), 2016 & 2021

Figure 81: Middle East and Africa: Cold Insulation Market: Breakup by Country (in %), 2021

Figure 82: Middle East and Africa: Cold Insulation Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 83: Global: Cold Insulation Industry: SWOT Analysis

Figure 84: Global: Cold Insulation Industry: Value Chain Analysis

Figure 85: Global: Cold Insulation Industry: Porter's Five Forces Analysis

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