

Global Flame Retardant Cable Market Size study, by Insulation Material (EPR, LSZH, PVC, XLPE), by Voltage Range (Low Voltage, Medium Voltage, High Voltage), by End Use Industry (Automotive and Transportation, Building and Construction, Energy, Manufacturing) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G00138453954EN.html>

Date: August 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G00138453954EN

Abstracts

The Global Flame Retardant Cable Market was valued at approximately USD 2.1 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 3.5% over the forecast period 2024-2032. Flame retardant cables are specialized electrical cables designed to resist fire and reduce the emission of toxic smoke, thus ensuring enhanced safety in various applications. These cables are integral in industries such as construction, oil and gas, transportation, and telecommunications. They are constructed with materials and coatings that inhibit combustion, providing critical time for evacuation and emergency responses. With stringent fire safety regulations and growing awareness of fire hazards, the demand for flame retardant cables has surged, particularly in residential, commercial, and industrial building sectors. Additionally, the popularity of Low Smoke Zero Halogen (LSZH) and heat-resistant cables, known for their environmental benefits and superior safety features, is on the rise.

The Flame Retardant Cable Market is primarily driven by the stringent fire safety regulations enforced across various industries, which mandate the use of flame retardant cables to mitigate fire hazards and ensure the safety of people and property. Additionally, the growing awareness about the risks associated with electrical fires and the increasing demand for reliable and safe electrical infrastructure in residential, commercial, and industrial buildings are propelling the market forward. However, the market faces certain restraints, primarily due to the higher cost of flame retardant cables

compared to standard cables, which can deter adoption in price-sensitive markets, especially in developing regions. Despite these challenges, significant opportunities lie in the growing demand for halogen-free and environmentally friendly flame retardant cables, driven by increasing environmental concerns and stricter regulations on hazardous substances.

The key regions considered in the study include Asia Pacific, North America, Europe, Latin America, and the Middle East and Africa. The Asia-Pacific region generated the largest revenue in 2023 and is anticipated to grow at the highest CAGR during the forecast period. The rapid industrialization and urbanization in this region, along with continuous technological advancements, have created an enabling environment for increased demand for flame retardant cables. Countries like China, India, and South Korea represent emerging economies with significant growth potential in construction, manufacturing, and energy sectors. Additionally, the presence of strong government programs and investments in R&D projects further contribute to the robust growth of the Flame Retardant Cable Market in the Asia-Pacific region.

Major market players included in this report are:

Prysmian Group
Nexans S.A.
NKT Group
Leone AG
LS Cable & System Limited
Jiangnan Group Limited
Tratos Limited
EL Sewedy Electric Company
Sumitomo Electric Industries. Ltd.
Yazaki Corporation
SWCC Sjowa Cable Systems Co. Ltd
Renesas Electronics
Furukawa Electric Co., Ltd.
Southwire Company, LLC
KEI Industries Limited

The detailed segments and sub-segment of the market are explained below:

By Insulation Material:

EPR
LSZH
PVC

XLPE

By Voltage Range:

Low Voltage

Medium Voltage

High Voltage

By End Use Industry:

Automotive and Transportation

Building and Construction

Energy

Manufacturing

By Region:

North America

U.S.

Canada

Europe

France

Germany

Italy

UK

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Rest of Asia-Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East and Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL FLAME RETARDANT CABLE MARKET EXECUTIVE SUMMARY

- 1.1. Global Flame Retardant Cable Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Insulation Material
 - 1.3.2. By Voltage Range
 - 1.3.3. By End Use Industry
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL FLAME RETARDANT CABLE MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL FLAME RETARDANT CABLE MARKET DYNAMICS

Global Flame Retardant Cable Market Size study, by Insulation Material (EPR, LSZH, PVC, XLPE), by Voltage Rang...

3.1. Market Drivers

- 3.1.1. Stringent fire safety regulations
- 3.1.2. Growing awareness about electrical fire risks
- 3.1.3. Increasing demand for reliable electrical infrastructure

3.2. Market Challenges

- 3.2.1. Higher cost of flame retardant cables
- 3.2.2. Limited availability of specialized materials

3.3. Market Opportunities

- 3.3.1. Demand for halogen-free and environmentally friendly cables
- 3.3.2. Expansion of renewable energy infrastructure

CHAPTER 4. GLOBAL FLAME RETARDANT CABLE MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top investment opportunity

4.4. Top winning strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL FLAME RETARDANT CABLE MARKET SIZE & FORECASTS BY INSULATION MATERIAL 2022-2032

5.1. Segment Dashboard

5.2. Global Flame Retardant Cable Market: Insulation Material Revenue Trend Analysis, 2022 & 2032 (USD Billion)

- 5.2.1. EPR
- 5.2.2. LSZH
- 5.2.3. PVC
- 5.2.4. XLPE

CHAPTER 6. GLOBAL FLAME RETARDANT CABLE MARKET SIZE & FORECASTS BY VOLTAGE RANGE 2022-2032

6.1. Segment Dashboard

6.2. Global Flame Retardant Cable Market: Voltage Range Revenue Trend Analysis, 2022 & 2032 (USD Billion)

- 6.2.1. Low Voltage
- 6.2.2. Medium Voltage
- 6.2.3. High Voltage

CHAPTER 7. GLOBAL FLAME RETARDANT CABLE MARKET SIZE & FORECASTS BY END USE INDUSTRY 2022-2032

7.1. Segment Dashboard

7.2. Global Flame Retardant Cable Market: End Use Industry Revenue Trend Analysis, 2022 & 2032 (USD Billion)

- 7.2.1. Automotive and Transportation
- 7.2.2. Building and Construction
- 7.2.3. Energy
- 7.2.4. Manufacturing

CHAPTER 8. GLOBAL FLAME RETARDANT CABLE MARKET SIZE & FORECASTS BY REGION 2022-2032

8.1. North America Flame Retardant Cable Market

8.1.1. U.S. Flame Retardant Cable Market

- 8.1.1.1. Insulation Material breakdown size & forecasts, 2022-2032
- 8.1.1.2. Voltage Range breakdown size & forecasts, 2022-2032
- 8.1.1.3. End Use Industry breakdown size & forecasts, 2022-2032

8.1.2. Canada Flame Retardant Cable Market

- 8.1.2.1. Insulation Material breakdown size & forecasts, 2022-2032

- 8.1.2.2. Voltage Range breakdown size & forecasts, 2022-2032
- 8.1.2.3. End Use Industry breakdown size & forecasts, 2022-2032
- 8.1.3. Mexico Flame Retardant Cable Market
 - 8.1.3.1. Insulation Material breakdown size & forecasts, 2022-2032
 - 8.1.3.2. Voltage Range breakdown size & forecasts, 2022-2032
 - 8.1.3.3. End Use Industry breakdown size & forecasts, 2022-2032
- 8.2. Europe Flame Retardant Cable Market
 - 8.2.1. France Flame Retardant Cable Market
 - 8.2.2. Germany Flame Retardant Cable Market
 - 8.2.3. Italy Flame Retardant Cable Market
 - 8.2.4. UK Flame Retardant Cable Market
 - 8.2.5. Rest of Europe Flame Retardant Cable Market
- 8.3. Asia-Pacific Flame Retardant Cable Market
 - 8.3.1. China Flame Retardant Cable Market
 - 8.3.2. Japan Flame Retardant Cable Market
 - 8.3.3. India Flame Retardant Cable Market
 - 8.3.4. South Korea Flame Retardant Cable Market
 - 8.3.5. Rest of Asia-Pacific Flame Retardant Cable Market
- 8.4. Latin America Flame Retardant Cable Market
 - 8.4.1. Brazil Flame Retardant Cable Market
 - 8.4.2. Brazil Flame Retardant Cable Market
 - 8.4.3. Rest of Latin America Flame Retardant Cable Market
- 8.5. Middle East Flame Retardant Cable Market
 - 8.5.1. Saudi Arabia Flame Retardant Cable Market
 - 8.5.2. South Africa Flame Retardant Cable Market
 - 8.5.3. Rest of Middle East Flame Retardant Cable Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company 3.
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. Prysmian Group
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)

- 9.3.1.4. Product Summary
- 9.3.1.5. Market Strategies
- 9.3.2. Nexans S.A.
- 9.3.3 NKT Group
- 9.3.4. Leone AG
- 9.3.5. LS Cable & System Limited
- 9.3.6. Jiangnan Group Limited
- 9.3.7. Tratos Limited
- 9.3.8. EL Sewedy Electric Company
- 9.3.9. Sumitomo Electric Industries. Ltd.
- 9.3.10. Yazaki Corporation
- 9.3.11. SWCC Sjowa Cable Systems Co. Ltd
- 9.3.12. Renesas Electronics
- 9.3.13. Furukawa Electric Co., Ltd.
- 9.3.14. Southwire Company, LLC
- 9.3.15. KEI Industries Limited

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Flame Retardant Cable market, report scope

TABLE 2. Global Flame Retardant Cable market estimates & forecasts by Region 2022-2032 (USD Billion)

TABLE 3. Global Flame Retardant Cable market estimates & forecasts by Insulation Material 2022-2032 (USD Billion)

TABLE 4. Global Flame Retardant Cable market estimates & forecasts by Voltage Range 2022-2032 (USD Billion)

TABLE 5. Global Flame Retardant Cable market estimates & forecasts by End Use Industry 2022-2032 (USD Billion)

TABLE 6. Global Flame Retardant Cable market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 7. Global Flame Retardant Cable market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 8. Global Flame Retardant Cable market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 9. Global Flame Retardant Cable market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 10. Global Flame Retardant Cable market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 11. Global Flame Retardant Cable market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 12. Global Flame Retardant Cable market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 13. Global Flame Retardant Cable market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 14. Global Flame Retardant Cable market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 15. U.S. Flame Retardant Cable market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 16. U.S. Flame Retardant Cable market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 17. U.S. Flame Retardant Cable market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 18. Canada Flame Retardant Cable market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 19. Canada Flame Retardant Cable market estimates & forecasts by segment
2022-2032 (USD Billion)

TABLE 20. Canada Flame Retardant Cable market estimates & forecasts by segment
2022-2032 (USD Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Flame Retardant Cable market, research methodology
- FIG 2. Global Flame Retardant Cable market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Flame Retardant Cable market, key trends 2023
- FIG 5. Global Flame Retardant Cable market, growth prospects 2022-2032
- FIG 6. Global Flame Retardant Cable market, porters 5 force model
- FIG 7. Global Flame Retardant Cable market, PESTEL analysis
- FIG 8. Global Flame Retardant Cable market, value chain analysis
- FIG 9. Global Flame Retardant Cable market by segment, 2022 & 2032 (USD Billion)
- FIG 10. Global Flame Retardant Cable market by segment, 2022 & 2032 (USD Billion)
- FIG 11. Global Flame Retardant Cable market by segment, 2022 & 2032 (USD Billion)
- FIG 12. Global Flame Retardant Cable market by segment, 2022 & 2032 (USD Billion)
- FIG 13. Global Flame Retardant Cable market by segment, 2022 & 2032 (USD Billion)
- FIG 14. Global Flame Retardant Cable market, regional snapshot 2022 & 2032
- FIG 15. North America Flame Retardant Cable market 2022 & 2032 (USD Billion)
- FIG 16. Europe Flame Retardant Cable market 2022 & 2032 (USD Billion)
- FIG 17. Asia pacific Flame Retardant Cable market 2022 & 2032 (USD Billion)
- FIG 18. Latin America Flame Retardant Cable market 2022 & 2032 (USD Billion)
- FIG 19. Middle East & Africa Flame Retardant Cable market 2022 & 2032 (USD Billion)
- FIG 20. Global Flame Retardant Cable market, company market share analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

I would like to order

Product name: Global Flame Retardant Cable Market Size study, by Insulation Material (EPR, LSZH, PVC, XLPE), by Voltage Range (Low Voltage, Medium Voltage, High Voltage), by End Use Industry (Automotive and Transportation, Building and Construction, Energy, Manufacturing) and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G00138453954EN.html>

Price: US\$ 4,950.00 (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/G00138453954EN.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