

# **Global Plastic Hot & Cold Pipe Market Size study, by Raw Material (PEX, PE-RT, PPR, C-PVC, PB), by Application (Water Plumbing Pipes, Radiator, Connection Pipes, Underfloor Surface Heating & Cooling), by End User, and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Plastic Hot & Cold Pipe Market was valued at approximately USD 6.79 billion in 2023 and is projected to grow at an impressive CAGR of 6.60% over the forecast period from 2024 to 2032. The rising adoption of plastic pipes in both residential and commercial applications has fueled the growth of this market. As sustainability becomes a global priority, the demand for lightweight, corrosion-resistant, and environmentally friendly piping solutions has increased. Plastic hot and cold pipes, offering high durability and cost-efficiency, have emerged as a viable alternative to traditional piping systems, especially in water plumbing and heating applications.

The rapid urbanization and infrastructure development in emerging economies have created a surge in demand for efficient plumbing systems, further propelling market growth. Technological advancements in raw materials like PEX, PE-RT, and C-PVC have led to the production of pipes with enhanced thermal resistance, flexibility, and longevity. Additionally, the growing popularity of underfloor surface heating and cooling systems has bolstered the adoption of plastic pipes in modern construction projects. However, market expansion faces challenges from fluctuating raw material prices and stringent regulations related to plastic usage. Despite these barriers, strategic investments in research and development are unlocking innovative solutions to enhance performance and sustainability.

Regionally, the market demonstrates varying dynamics. Europe, in 2023, emerged as the dominant region, driven by a strong focus on energy-efficient heating solutions and the region's emphasis on sustainable infrastructure development. The adoption of advanced plumbing technologies in countries like Germany and the UK underscores Europe's leadership in the market. Meanwhile, the Asia-Pacific region is expected to witness the fastest growth during the forecast period. This growth is attributed to the increasing urbanization, a booming construction sector, and rising investments in smart city projects across China, India, and Southeast Asian countries. North America continues to be a significant player, with robust demand for high-performance plumbing systems in both residential and commercial sectors.

Major market players included in this report are:

Georg Fischer AG

Aliaxis Group

Astral Pipes

Uponor Corporation

JM Eagle

Wavin BV

IPEX Inc.

Finolex Industries

Pipelife International GmbH

Polypipe Group

Advanced Drainage Systems Inc.

Supreme Industries Ltd.

Rehau AG

Kubota-Chemix Co., Ltd.

Dura-Line Corporation

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

#### By Raw Material

PEX

PE-RT

PPR

C-PVC

PB

#### By Application

Water Plumbing Pipes

Radiator

Connection Pipes

Underfloor Surface Heating & Cooling

#### By End User

Residential

Commercial

Industrial

## By Region:

### North America

U.S.

Canada

### Europe

UK

Germany

France

Spain

Italy

Rest of Europe

### Asia-Pacific

China

India

Japan

Australia

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 & 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

approaches.

Analysis of competitive structure of the market.

Demand-side and supply-side analysis of the market.

## Contents

### **CHAPTER 1. GLOBAL PLASTIC HOT & COLD PIPE MARKET EXECUTIVE SUMMARY**

- 1.1. Global Plastic Hot & Cold Pipe Market Size & Forecast (2022-2032)
  - 1.2. Regional Summary
  - 1.3. Segmental Summary
    - 1.3.1. By Raw Material
    - 1.3.2. By Application
    - 1.3.3. By End User
  - 1.4. Key Trends
  - 1.5. Recession Impact
  - 1.6. Analyst Recommendation & Conclusion
- 

### **CHAPTER 2. GLOBAL PLASTIC HOT & COLD PIPE 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 PLASTIC HOT & COLD PIPE MARKET DYNAMICS**

### **3.1. Market Drivers**

- 3.1.1. Rising Adoption in Residential and Commercial Applications
- 3.1.2. Demand for Lightweight and Corrosion-Resistant Piping Solutions
- 3.1.3. Rapid Urbanization and Infrastructure Development
- 3.1.4. Technological Advancements in Raw Materials

### **3.2. Market Challenges**

- 3.2.1. Fluctuating Raw Material Prices
- 3.2.2. Stringent Regulations on Plastic Usage

### **3.3. Market Opportunities**

- 3.3.1. Innovations in Sustainable and Eco-Friendly Products
  - 3.3.2. Growing Popularity of Underfloor Heating and Cooling Systems
  - 3.3.3. Expansion in Emerging Economies
- 

## **CHAPTER 4. GLOBAL PLASTIC HOT & COLD PIPE MARKET INDUSTRY ANALYSIS**

### **4.1. Porter's Five Forces 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 Five Forces Model
- 4.1.7. Porter's Five Forces 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 Opportunities**

### **4.4. Top Winning Strategies**

### **4.5. Disruptive Trends**

### **4.6. Industry Expert Perspective**



#### 4.7. Analyst Recommendation & Conclusion

---

### **CHAPTER 5. GLOBAL PLASTIC HOT & COLD PIPE MARKET SIZE & FORECASTS BY RAW MATERIAL 2022-2032**

#### 5.1. Segment Dashboard

#### 5.2. Global Plastic Hot & Cold Pipe Market: Raw Material Revenue Trend Analysis, 2022 & 2032 (USD Billion)

##### 5.2.1. PEX

##### 5.2.2. PE-RT

##### 5.2.3. PPR

##### 5.2.4. C-PVC

##### 5.2.5. PB

---

### **CHAPTER 6. GLOBAL PLASTIC HOT & COLD PIPE MARKET SIZE & FORECASTS BY APPLICATION 2022-2032**

#### 6.1. Segment Dashboard

#### 6.2. Global Plastic Hot & Cold Pipe Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Billion)

##### 6.2.1. Water Plumbing Pipes

##### 6.2.2. Radiator

##### 6.2.3. Connection Pipes

##### 6.2.4. Underfloor Surface Heating & Cooling

---

### **CHAPTER 7. GLOBAL PLASTIC HOT & COLD PIPE MARKET SIZE & FORECASTS BY END USER 2022-2032**

#### 7.1. Segment Dashboard

#### 7.2. Global Plastic Hot & Cold Pipe Market: End User Revenue Trend Analysis, 2022 & 2032 (USD Billion)

##### 7.2.1. Residential

##### 7.2.2. Commercial

##### 7.2.3. Industrial

---

## **CHAPTER 8. GLOBAL PLASTIC HOT & COLD PIPE MARKET SIZE & FORECASTS BY REGION 2022-2032**

### **8.1. North America Plastic Hot & Cold Pipe Market**

#### **8.1.1. U.S. Plastic Hot & Cold Pipe Market**

##### **8.1.1.1. Raw Material Breakdown Size & Forecasts, 2022-2032**

##### **8.1.1.2. Application Breakdown Size & Forecasts, 2022-2032**

##### **8.1.1.3. End User Breakdown Size & Forecasts, 2022-2032**

#### **8.1.2. Canada Plastic Hot & Cold Pipe Market**

##### **8.1.2.1. Raw Material Breakdown Size & Forecasts, 2022-2032**

##### **8.1.2.2. Application Breakdown Size & Forecasts, 2022-2032**

##### **8.1.2.3. End User Breakdown Size & Forecasts, 2022-2032**

---

### **8.2. Europe Plastic Hot & Cold Pipe Market**

#### **8.2.1. UK Plastic Hot & Cold Pipe Market**

#### **8.2.2. Germany Plastic Hot & Cold Pipe Market**

#### **8.2.3. France Plastic Hot & Cold Pipe Market**

#### **8.2.4. Spain Plastic Hot & Cold Pipe Market**

#### **8.2.5. Italy Plastic Hot & Cold Pipe Market**

#### **8.2.6. Rest of Europe Plastic Hot & Cold Pipe Market**

---

### **8.3. Asia-Pacific Plastic Hot & Cold Pipe Market**

#### **8.3.1. China Plastic Hot & Cold Pipe Market**

#### **8.3.2. India Plastic Hot & Cold Pipe Market**

#### **8.3.3. Japan Plastic Hot & Cold Pipe Market**

#### **8.3.4. Australia Plastic Hot & Cold Pipe Market**

#### **8.3.5. South Korea Plastic Hot & Cold Pipe Market**

#### **8.3.6. Rest of Asia-Pacific Plastic Hot & Cold Pipe Market**

---

### **8.4. Latin America Plastic Hot & Cold Pipe Market**

#### **8.4.1. Brazil Plastic Hot & Cold Pipe Market**

#### **8.4.2. Mexico Plastic Hot & Cold Pipe Market**

#### **8.4.3. Rest of Latin America Plastic Hot & Cold Pipe Market**

---

### **8.5. Middle East & Africa Plastic Hot & Cold Pipe Market**

#### **8.5.1. Saudi Arabia Plastic Hot & Cold Pipe Market**

#### **8.5.2. South Africa Plastic Hot & Cold Pipe Market**

#### **8.5.3. Rest of Middle East & Africa Plastic Hot & Cold Pipe Market**

## CHAPTER 9. COMPETITIVE INTELLIGENCE

### 9.1. Key Company SWOT Analysis

- 9.1.1. Georg Fischer AG
- 9.1.2. Aliaxis Group
- 9.1.3. Uponor Corporation

---

### 9.2. Top Market Strategies

### 9.3. Company Profiles

- 9.3.1. Georg Fischer AG
    - 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. Aliaxis Group
  - 9.3.3. Uponor Corporation
  - 9.3.4. Astral Pipes
  - 9.3.5. JM Eagle
  - 9.3.6. Wavin BV
  - 9.3.7. IPEX Inc.
  - 9.3.8. Finolex Industries
  - 9.3.9. Pipelife International GmbH
  - 9.3.10. Polypipe Group
  - 9.3.11. Advanced Drainage Systems Inc.
  - 9.3.12. Supreme Industries Ltd.
  - 9.3.13. Rehau AG
  - 9.3.14. Kubota-Chemix Co., Ltd.
  - 9.3.15. Dura-Line Corporation
- 

## 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 Plastic Hot & Cold Pipe Market, Report Scope

TABLE 2. Global Plastic Hot & Cold Pipe Market Estimates & Forecasts by Region  
2022-2032 (USD Billion)

TABLE 3. Global Plastic Hot & Cold Pipe Market Estimates & Forecasts by Raw  
Material 2022-2032 (USD Billion)

TABLE 4. Global Plastic Hot & Cold Pipe Market Estimates & Forecasts by Application  
2022-2032 (USD Billion)

TABLE 5. Global Plastic Hot & Cold Pipe Market Estimates & Forecasts by End User  
2022-2032 (USD Billion)

TABLE 6. Global Plastic Hot & Cold Pipe Market by Segment, Estimates & Forecasts,  
2022-2032 (USD Billion)

TABLE 7. Global Plastic Hot & Cold Pipe Market by Region, Estimates & Forecasts,  
2022-2032 (USD Billion)

TABLE 8. U.S. Plastic Hot & Cold Pipe Market Estimates & Forecasts, 2022-2032 (USD  
Billion)

TABLE 9. U.S. Plastic Hot & Cold Pipe Market Estimates & Forecasts by Segment  
2022-2032 (USD Billion)

TABLE 10. Canada Plastic Hot & Cold Pipe Market Estimates & Forecasts, 2022-2032  
(USD Billion)

TABLE 11. Canada Plastic Hot & Cold Pipe Market Estimates & Forecasts by Segment  
2022-2032 (USD Billion)

TABLE 12. UK Plastic Hot & Cold Pipe Market Estimates & Forecasts, 2022-2032 (USD  
Billion)

TABLE 13. Germany Plastic Hot & Cold Pipe Market Estimates & Forecasts, 2022-2032  
(USD Billion)

TABLE 14. France Plastic Hot & Cold Pipe Market Estimates & Forecasts, 2022-2032  
(USD Billion)

TABLE 15. Spain Plastic Hot & Cold Pipe Market Estimates & Forecasts, 2022-2032  
(USD Billion)

TABLE 16. Italy Plastic Hot & Cold Pipe Market Estimates & Forecasts, 2022-2032  
(USD Billion)

TABLE 17. Rest of Europe Plastic Hot & Cold Pipe Market Estimates & Forecasts,  
2022-2032 (USD Billion)

TABLE 18. China Plastic Hot & Cold Pipe Market Estimates & Forecasts, 2022-2032  
(USD Billion)

TABLE 19. India Plastic Hot & Cold Pipe Market Estimates & Forecasts, 2022-2032  
(USD Billion)

TABLE 20. Japan Plastic Hot & Cold Pipe Market Estimates & Forecasts, 2022-2032  
(USD Billion)

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

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