

# **China Plastic Pipes Market Segmented by Type (Polyvinyl Chloride Pipes, Polyethylene Pipes, Polypropylene Pipes), End Use (Residential, Commercial, Industrial, Infrastructure), By Diameter (700mm), By Region, Competition Forecast & Opportunities, 2018-2028**

<https://marketpublishers.com/r/C0206F142070EN.html>

Date: November 2023

Pages: 90

Price: US\$ 3,500.00 (Single User License)

ID: C0206F142070EN

## **Abstracts**

The China Plastic Pipes Market, valued at USD 14.2 billion in 2022, is poised for robust growth in the forecast period, with a projected Compound Annual Growth Rate (CAGR) of 4.2% through 2028. This growth is primarily driven by several key factors shaping the market landscape.

### **Key Market Drivers**

**\* \*Urbanization and Infrastructure Development:\*** The rapid urbanization of China has led to an increased demand for modern infrastructure, including efficient water supply, sewage management, and more. As millions of people move to urban areas, the need for advanced water supply and sewage systems has skyrocketed. Plastic pipes have emerged as a favored solution due to their versatility, cost-effectiveness, and resistance to corrosion.

**\* \*Government Policies and Support:\*** The Chinese government has played a pivotal role in fostering the growth of the plastic pipes market. Recognizing the significance of infrastructure development and sustainable urbanization, the government has implemented policies and initiatives that support the industry. These include water security and efficiency measures, urban and rural development policies, environmental sustainability initiatives, and significant infrastructure investments. Additionally,

government support for research and development has spurred innovation in the sector.

### Key Market Challenges

**\* Stringent Government Regulations:** The Chinese government has imposed strict regulations on the use of plastic pipes in certain applications to ensure safety, quality, and environmental protection. While these regulations have improved the quality and safety of plastic pipes, they have also posed challenges, particularly in sectors like drinking water, where compliance can be costly and complex.

### Market Trends

**\* Growing Use of Recycled and Biodegradable Materials:** Sustainability and environmental considerations are driving a significant trend in the China Plastic Pipes Market. The industry is increasingly adopting recycled and biodegradable materials to mitigate environmental concerns associated with traditional plastic pipes. Recycling reduces the demand for new plastic production and helps divert plastic waste from landfills and oceans.

### Segmental Insights

**\* End User (Residential Sector):** The residential sector is a dynamic segment within the China Plastic Pipes Market. Plastic pipes are vital in providing essential services such as water supply, drainage, heating, and gas distribution in residential buildings. The versatility, durability, and cost-effectiveness of plastic pipes make them a preferred choice for construction and renovation projects.

**\* Type (PVC Pipes):** PVC (Polyvinyl Chloride) pipes dominate the China Plastic Pipes Market as of 2022. These pipes find extensive use in various applications, including water supply, drainage, sewage systems, and electrical conduit systems, due to their versatility, affordability, and corrosion resistance.

### Regional Insights

**\* East Region Dominance:** The east region of China holds a significant share of over 50% in the total plastic pipes market. This region is home to major plastic pipes manufacturers and benefits from a strong presence in the domestic and international markets. The southern and central regions also play substantial roles, driven by

construction industry growth and infrastructure development. The western region, although currently the smallest market, is expected to witness growth in the coming years.

In conclusion, the China Plastic Pipes Market's growth is influenced by urbanization, infrastructure development, government policies, and sustainability trends. While stringent regulations present challenges, the adoption of recycled and biodegradable materials represents a promising avenue for the industry. Regional dynamics further shape the market, with the east region taking the lead in market share. Overall, the plastic pipes industry in China is poised to play a pivotal role in the nation's modernization and sustainable development.

### Key Market Players

China Lesso Group Holdings Ltd

Huawei Water Saving Irrigation Corp

Zhejiang Weixing New Building Materials Co., Ltd

Yonggao Co., Ltd

Chinaust Group

Ginde Plastic Pipe Industry Group

Goody Technology Co., Ltd

Shandong Huaxin Plastic Pipe Co., Ltd

Zhejiang Aobo Pipe Industry Technology Co., Ltd

Kunshan Duraflow Industry Co., Ltd

### Report Scope:

In this report, the China Plastic Pipes Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

*China Plastic Pipes Market Segmented by Type (Polyvinyl Chloride Pipes, Polyethylene Pipes, Polypropylene Pipe...*

### China Plastic Pipes Market, By Type:

Polyvinyl Chloride Pipes

Polyethylene Pipes

Polypropylene Pipes

### China Plastic Pipes Market, By End User:

Residential

Commercial

Industrial

Infrastructure

### China Plastic Pipes Market, By Diameter:

50mm

50-100mm

100-200mm

200-400mm

400-700mm

>700mm

### China Plastic Pipes Market, By Region:

East

North

Northeast

South Central

Southwest

Northwest

## Competitive Landscape

**Company Profiles:** Detailed analysis of the major companies present in the China Plastic Pipes Market.

## Available Customizations:

China Plastic Pipes Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).

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