Strategic Growth Opportunities in Plastic Pipe Market

PRESENTED BY
Lucintel

DATE
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Future of Plastic Pipe Market Looks Promising. Global Market to reach $94.5 Billion by 2025 with a CAGR of 5.6% from 2019-25


Value (US $B)

- 2014: $51.2
- 2019: $68.1
- 2025: $94.5

Source: Lucintel

Top Companies in Plastic Pipe Market

- Orbia
- China Lesso
- Advanced Drainage System
- Sekisui Chemical
- Solvay

Opportunities for Plastic Pipe by Various Material, Application, Diameter, Product Type, and End Use

<table>
<thead>
<tr>
<th>Material</th>
<th>Application</th>
<th>Diameter</th>
<th>Product Type</th>
<th>End Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC Pipes</td>
<td>Wastewater</td>
<td>Large Diameter Pipes</td>
<td>Pipe</td>
<td>Residential</td>
</tr>
<tr>
<td>PE Pipes</td>
<td>Portable Water</td>
<td></td>
<td>Fittings and Accessories</td>
<td>Commercial</td>
</tr>
<tr>
<td>PP Pipes</td>
<td>Chemical</td>
<td>Small Diameter Pipes</td>
<td></td>
<td>Industrial and Others</td>
</tr>
<tr>
<td>Others</td>
<td>Electrical and Telecommunication</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Agriculture</td>
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<td></td>
<td>Oil and Gas</td>
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</tbody>
</table>
In terms of Overall Opportunity, PVC Window represents ~37% in the Global Window Market.
In This Market, Wastewater is the Largest Application of Plastic Pipe, Whereas PVC Pipes is Largest in Material Type

### Plastic Pipe Market by Application

<table>
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<tr>
<th>Application</th>
<th>Growth Rate</th>
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<tr>
<td>Wastewater</td>
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### Plastic Pipe Market by Material

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<tr>
<td>PVC Pipes</td>
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<td>PE Pipes</td>
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</tr>
<tr>
<td>PP Pipes</td>
<td></td>
</tr>
<tr>
<td>Others (ABS pipes, PB pipes, and PVDF pipes)</td>
<td></td>
</tr>
</tbody>
</table>

CAGR: (2019-25)

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<tr>
<th>Negative</th>
<th>Flat</th>
<th>Growing</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;0%</td>
<td>0%-3%</td>
<td>&gt;3%</td>
</tr>
</tbody>
</table>

Source: Lucintel
In Terms of Regions, APAC Provides the Largest Opportunity for Plastic Pipe Followed by North America and Europe

Opportunities for plastic pipe in following top countries are identified in this report:
- USA
- Canada
- Germany
- Italy
- Spain
- United Kingdom
- China
- Japan
- India
- Middle East

Source: Lucintel
Ecosystem of the Plastic Pipe Market is Composed of Diverse Group of Companies

- Raw Material Suppliers (PVC resin, colorants, additives, plasticizers, etc.)
- Plastic Pipe Manufacturers (PVC pipes, PE pipes, PP pipes, and others)
- Plastic Pipe Distributors (PVC pipes, PE pipes, PP pipes, and others)
- End User (building construction, infrastructure, industrial, etc.)

Source: Lucintel
Growing Usage of Plastic Material over Competing Materials and Replacement of Aged Pipes are Major Drivers in This Market

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<th>Key Drivers</th>
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<td><strong>Increasing use of Plastic Material over Competing Materials</strong>: The plastic pipe market is growing due to an increasing awareness of the properties, which include ease of install, corrosion free, and low price as compared to other traditional pipes.</td>
<td></td>
</tr>
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<td><strong>Replacement of Aged Pipe</strong>: The demand for replacement of metal pipes with plastic pipes is increasing due to corrosion, scaling, and other features of metal pipes; this is expected to drive the plastic pipe market.</td>
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</tr>
<tr>
<td><strong>Growth in Residential and Commercial Construction</strong>: Increasing infrastructure development, and renovation in buildings escalate the demand for the overall construction industry, which will drive the demand for plastic pipe market.</td>
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<tr>
<td><strong>Oil Price Volatility has Strong Impact on Plastic Pipe Market</strong>: A rise in raw material prices increases the manufacturing cost of plastic pipes.</td>
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<th>Key Challenges</th>
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<td><strong>COVID-19 Impact</strong>: Coronavirus (COVID-19) is having significant impact on businesses and the economy. Industry growth will witness negative impact in the year 2020 due to manufacturing lockdown, and labor shortage.</td>
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</table>

Source: Lucintel
Usages of Anti-Microbial Plastic Pipes and Replacement of Traditional Material Pipes with Eco-friendly ABS and PE Plastic Pipes are Some of the Emerging Trends in the Plastic Pipe Market

Trend A: Usages of Anti-Microbial Plastic Pipes to Improve Hygiene

Trend B: Replacement of Traditional Material Pipes with Eco-Friendly ABS and PE Plastic Pipes

Trend C: Increasing Consumption of Multilayer Plastic Pipes in Gas Distribution

Source: Lucintel
Developing Capabilities in Multilayer Plastic Pipes and Anti-Microbial Plastic Pipes Provide Strategic Growth Paths

Strategic Considerations in Plastic Pipe Market

- Players of plastic pipe market can focus to increase their capabilities to fulfill multilayer plastic pipes requirements in gas distribution
- Increase in capabilities to match up with anti-microbial plastic pipes to improve hygiene
- Investments to increase competencies in advanced plastic pipes like eco-friendly PE and ABS pipes
- Research and development activities to develop low cost plastic pipes

- Strategic collaborations / acquisitions to increase geographical presence in growing countries like China and India
- Develop alliance to penetrate in new applications
- Collaborative activities to develop advanced plastic pipe technologies

Source: Lucintel
These Insights are Based on Below Market Report from Lucintell.
It can help you Identify New Opportunities by Various Segments and Regions


Market Opportunity

|--------------|------|------|------|------|------|------|------|------|------|------|------|------|

Market Segment Analysis

- Material
- Application
- Diameter
- Product Type
- End Use
- Region

Regional Opportunity

- USA
- Canada
- Mexico
- Germany
- UK
- Others
- India
- Japan

Random Data

Market Share Analysis

- Player 1
- Player 2
- Player 3
- Player 4
- Player 5
- Others

Other Coverage in Report

- New Product Development
- Company Expansion
- Merger Acquisitions & JV
- Company Profiling

Note: These insights are based on recently launched Lucintell's Report on plastic pipe Market, which has 150+ Page and over 100+ charts and tables. Lucintel also offers 10% free customization on above report based on your needs.
Lucintel has an Extensive Toolkit to Address Strategic Questions

**Key Questions**

- Is market space / opportunity of current product offerings sufficiently robust?
- Market is focus for many: how can my company profitably differentiate?
- Based on our core skills, where should we focus?
- Should we build or buy? Is build even an option?
- What game changer actions exist and/or is a more incremental approach best?
- What is the order sequence of market entry segments / products?
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- Growth finance
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- Competitive assessment
- Due diligence
- M&A services

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