

# HDPE Pipes Market Size Expansion to Drive Significant Revenues in the Future

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WILMINGTON, DE, UNITED STATES, July 17, 2025 /EINPresswire.com/ -- Allied Market Research recently published a comprehensive report titled, "[HDPE Pipes Market](#) by Type, Application, and Region: Global Opportunity Analysis and Industry Forecast, 2023–2032." According to the report, the global HDPE pipes market was valued at \$21.7 billion in 2022 and is projected to reach \$35.4 billion by 2032, growing at a CAGR of 5.1% during the forecast period.

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<https://www.alliedmarketresearch.com/request-sample/5053>

## Market Overview:

The rapid growth of infrastructure including water supply systems, wastewater treatment plants, and transportation networks is significantly fueling the demand for high-density polyethylene (HDPE) pipes. These pipes are increasingly used across a range of industries due to their durability, corrosion resistance, and low maintenance requirements.

However, volatility in raw material prices, largely influenced by fluctuations in crude oil, remains a major constraint for market growth.

## Key Growth Drivers:

- Increasing demand for water supply systems
- Surging use in agricultural irrigation
- Expanding infrastructure and urban development projects

## Market Restraints:

- Temperature limitations
- Maintenance challenges
- Raw material price fluctuations

## Market Segmentation Highlights:-

### By Type:

- HDPE 100 dominated the market in 2022, accounting for over 75% of revenue. Its adoption is driven by the urgent need to replace aging infrastructure across many nations.
- HDPE 63 is projected to grow at the fastest CAGR of 5.4%, due to its cost-effectiveness for low-pressure applications.

### By Application:

- Sewage system pipes led the market, contributing to nearly half of the total revenue in 2022. Increased regulation on wastewater treatment is a major driver.
- Water supply pipes are anticipated to register the fastest CAGR of 5.7%, propelled by urbanization and increasing water demand.

### Regional Outlook:

Asia-Pacific is poised to maintain market dominance through 2032, accounting for nearly 50% of global revenue in 2022 and projected to grow at the highest CAGR of 5.8%. Key contributing countries include:

- China – driven by robust urban infrastructure and housing development
- India – experiencing significant demand from manufacturing and industrial sectors
- Japan – investing in water and wastewater infrastructure modernization

### Key Market Players:

- LANE ENTERPRISES, INC.
- JM EAGLE, INC.
- BLUE DIAMOND INDUSTRIES
- VECTUS
- POLY PLASTIC GROUP
- WL PLASTICS
- PRINSCO, INC.
- SCG CHEMICALS PUBLIC COMPANY LIMITED
- UNITED POLY SYSTEMS
- RADIUS SYSTEM

These players are actively engaging in product innovation, regional expansions, and strategic collaborations to strengthen their market presence.

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