

# Global LDPE Pressure Pipe Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global LDPE Pressure Pipe market size was valued at US\$ 4280 million in 2025 and is forecast to a readjusted size of US\$ 5318 million by 2032 with a CAGR of 3.2% during review period.

LDPE Pressure Pipe refers to low-density polyethylene pressure-rated pipe and tubing used to convey water under positive pressure in distributed networks, most commonly in agriculture irrigation systems and, in selected cases, light-duty utility and service-line applications. It matters because it combines flexibility, corrosion resistance, and rapid field installation, enabling long runs with fewer fittings, reduced handling labor, and reliable performance in wet, saline, or chemically variable environments. The product is typically supplied in coils or straight lengths and is specified by nominal diameter and pressure class, with performance governed by standards, material formulation, and quality control on wall thickness, ovality, and marking.

Upstream supply is anchored by LDPE/LLDPE resin, masterbatch additives for UV stabilization and color, and extrusion equipment and tooling that control dimensional stability and marking. Manufacturing economics are driven by resin cost pass-through, extrusion yield and scrap rates, coil handling efficiency, and compliance testing. Downstream demand is dominated by irrigated agriculture where buyers include large farms, irrigation contractors, and distributors serving crop clusters; procurement commonly follows seasonal replenishment plus project-based demand, using annual framework agreements for staples (common diameters and pressure classes) and competitive tendering for public irrigation districts and large development programs. In the current market, global production is around 2,600 kilo metric ton, with an average selling price of about 1,600 USD per metric ton EXW basis. A typical gross margin is

around 22 percent, supported by barriers such as formulation know-how for long-life field performance, consistent dimensional control at scale, certification and test discipline, and the ability to provide dependable coils, fittings compatibility, and logistics support during peak irrigation seasons.

Competition is a mix of global irrigation specialists and large regional pipe manufacturers; product differentiation is moderate, so scale, quality consistency, and channel reach matter as much as technology. Top 5 suppliers control approximately 40 percent of global revenue CR5, reflecting a market that is concentrated enough to reward scale leaders but still fragmented due to local standards, freight economics, and contractor-driven brand preferences. Demand gravity is strongest in China and the broader Asia irrigation build-out, followed by the Middle East and North Africa where water stress and protected agriculture favor efficient conveyance and distribution, with steady pull from North America and Europe in specialty crops and replacement cycles. Over 2026 to 2032, growth is shaped by irrigation modernization programs, tightening water-use governance, rising labor costs that favor faster installation, and continued improvements in material stabilization and traceability marking; digital irrigation adoption raises system intensity but also increases scrutiny on component reliability. Key bottlenecks include resin price volatility, peak-season capacity and coil logistics constraints, and inconsistent enforcement of standards that can pressure pricing and elevate field failure risk.

This report is a detailed and comprehensive analysis for global LDPE Pressure Pipe market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Pressure Class and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global LDPE Pressure Pipe market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global LDPE Pressure Pipe market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global LDPE Pressure Pipe market size and forecasts, by Pressure Class and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global LDPE Pressure Pipe market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2021-2026

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for LDPE Pressure Pipe

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global LDPE Pressure Pipe market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Netafim, Rivulis, Irritec, Jain Irrigation, Rain Bird, Hunter Industries, Toro, Vinidex, Iplex, Cosmoplast, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market Segmentation**

LDPE Pressure Pipe market is split by Pressure Class and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Pressure Class, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Pressure Class

Low Pressure

Medium Pressure

High Pressure

## Market segment by Dimension System

OD Controlled

ID Controlled

Hybrid Spec

## Market segment by Nominal OD Band

12 mm to 25 mm

26 mm to 50 mm

51 mm to 90 mm

91 mm to 160 mm

161 mm and Above

## Market segment by Application

Irrigation Mains and Submains

Irrigation Laterals

Potable Water Service Lines

Utility Water Distribution

Industrial Temporary Conveyance

## Major players covered

Netafim

Rivulis

Irritec

Jain Irrigation

Rain Bird

Hunter Industries

Toro

Vinidex

Iplex

Cosmoplast

Plastika Kritis

Palaplast

Alwasail

Pipelife

Metzer

Polytubes

Lesso

Dayu Water-Saving

Goody

Junxing Pipe

ERA

Qinglong Plastics

Jinglan Muhe

Jinniu Pipe

Weixing

Market segment by region, regional analysis covers  
North America (United States, Canada, and Mexico)  
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)  
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)  
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe LDPE Pressure Pipe product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of LDPE Pressure Pipe, with price, sales quantity, revenue, and global market share of LDPE Pressure Pipe from 2021 to 2026.

Chapter 3, the LDPE Pressure Pipe competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the LDPE Pressure Pipe breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Pressure Class and by Application, with sales market share and growth rate by Pressure Class, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and LDPE Pressure Pipe market forecast, by regions, by Pressure Class, and

by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of LDPE Pressure Pipe.

Chapter 14 and 15, to describe LDPE Pressure Pipe sales channel, distributors, customers, research findings and conclusion.

## I would like to order

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