

Global Subsurface Drip Irrigation 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 Subsurface Drip Irrigation Pipe market size was valued at US\$ 514 million in 2025 and is forecast to a readjusted size of US\$ 775 million by 2032 with a CAGR of 5.5% during review period.

Global sales of underground drip irrigation pipes are projected to reach 100 million meters by 2025, with an average price of \$5 per meter.

Underground drip irrigation pipes are water delivery systems pre-buried in the soil, typically made of corrosion-resistant and anti-aging materials such as PE and PVC, buried at a depth of 30-50 centimeters. By laying them underground, they reduce water evaporation and human-caused damage. Combined with drip or micro-sprinkler systems, they achieve precise water supply and are widely used in field crops, orchards, greenhouses, and other scenarios, forming a core component of modern water-saving agriculture. Upstream: raw material suppliers (plastic granules, metal filter media) and technology research and development institutions; Midstream: pipe manufacturers and system integrators; Downstream: agricultural growers, cooperatives, and agricultural parks, with end-use scenarios covering food production, cash crop cultivation, and urban greening.

Key market drivers include the following:

Growth in the market for buried drip irrigation pipelines is primarily driven by the rising demand for agricultural water conservation and precision irrigation. Buried drip irrigation delivers water directly to the root zone of crops, minimizing surface evaporation and the impact of wind; it is particularly suitable for agricultural regions facing water scarcity,

high evaporation rates, or a need for long-term, stable water supplies. Compared to surface irrigation, buried pipelines enhance irrigation uniformity and the efficiency of water and fertilizer utilization, making them highly valuable for modern agriculture and the development of high-standard farmland. Drip irrigation systems are commonly employed to boost crop yields while conserving water, fertilizer, and energy.

Secondly, the adoption of buried drip irrigation systems is being accelerated by large-scale farming and mechanized operations. Unlike surface pipelines?which are susceptible to damage from agricultural machinery, degradation from sun exposure, and manual handling?buried pipelines minimize surface interference and facilitate the use of farm machinery. They are well-suited for crops such as corn, cotton, fruit trees, cash crops, and certain perennial varieties. For large farms and agricultural cooperatives, buried drip irrigation systems can be integrated with fertilization, filtration, and automated control systems to enhance field management efficiency. In addition, the upgrading of agricultural infrastructure and local water-saving policies are bolstering the market for buried drip irrigation piping. High-standard farmland development, saline-alkali soil improvement, and the construction of dryland and facility agriculture all require irrigation networks that are stable and low-maintenance. Future product competition will center on resistance to clogging and root intrusion, pressure and aging resistance, installation efficiency, and system maintainability. Companies capable of providing integrated services?covering design, construction, and operation & maintenance?will hold a competitive advantage over those that merely supply piping materials.

This report is a detailed and comprehensive analysis for global Subsurface Drip Irrigation Pipe market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type 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 Subsurface Drip Irrigation Pipe market size and forecasts, in consumption value (\$ Million), sales quantity (Meter), and average selling prices (US\$/Meter), 2021-2032

Global Subsurface Drip Irrigation Pipe market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Meter), and average selling prices (US\$/Meter), 2021-2032

Global Subsurface Drip Irrigation Pipe market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Meter), and average selling prices (US\$/Meter), 2021-2032

Global Subsurface Drip Irrigation Pipe market shares of main players, shipments in revenue (\$ Million), sales quantity (Meter), and ASP (US\$/Meter), 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 Subsurface Drip Irrigation 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 Subsurface Drip Irrigation 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, Toro, Rivulis, NaanDanJain, Rain Bird, Dayu Water Saving, Xinjiang Tianye, BERMAD, Shandong Heyun Tiancheng, Beijing Runwozhe, etc.

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

Market Segmentation

Subsurface Drip Irrigation Pipe market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, 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 Type

PE Buried Pipes

PVC Buried Pipes

Composite Material Pipes

Market segment by Technology

Manual Control

Semi-automatic Control

Fully Automatic Control

Market segment by Wall Thickness

Wall Thickness ≤ 0.3 mm

Wall Thickness 0.3 ~ 0.8 mm

Wall Thickness > 0.8 mm

Market segment by Application

Field Crops

Fruits & Nuts

Vegetable Crops

Other Crops

Major players covered

Netafim

Toro

Rivulis

NaanDanJain

Rain Bird

Dayu Water Saving

Xinjiang Tianye

BERMAD

Shandong Heyun Tiancheng

Beijing Runwozhe

Hebei Peiyu

Pipelife

Irritec

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 Subsurface Drip Irrigation Pipe product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Subsurface Drip Irrigation 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 Type and by Application, with sales market share and growth rate by Type, 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 Subsurface Drip Irrigation Pipe market forecast, by regions, by Type, 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 Subsurface Drip Irrigation Pipe.

Chapter 14 and 15, to describe Subsurface Drip Irrigation Pipe sales channel, distributors, customers, research findings and conclusion.

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