

PE Irrigation Pipe

This PE pipe is designed for spray irrigation systems. It features a non-toxic composition, resistance to acid and alkali corrosion, and low fluid resistance.



Product Overview

High-Performance PE Irrigation Piping

This Polyethylene (PE) pipe is engineered specifically for efficient spray irrigation systems, offering a durable and reliable solution for agricultural and landscaping needs. It features a non-toxic composition with excellent resistance to acid and alkali corrosion, ensuring longevity even when conveying chemical liquids. Designed for versatility, this piping system is suitable for temperatures up to 40°C and is ideal for agricultural water-saving, lawn irrigation, and water conservancy projects.

Key Characteristics

Installation Benefits

- Long continuous laying length
- Convenient and easy installation

Key Features

Non-toxic, Acid & Alkali Resistant, Corrosion Resistant, Low Fluid Resistance, Low Water Absorption

Technical Specifications

Tensile Strength

9.6 MPa

Tensile Strength

Compliance Standards

GB 6674-86 • GB/T 8804.3-2003 • GB/T 6111-2003

Breaking Elongation

200 %

Bursting Pressure

> 3 times working pressure (tested at 20°C)

Product Dimensions & Ratings

Specifications Table

Nominal Diameter (mm)	PN0.25 Wall Thickness (mm)	PN0.4 Wall Thickness (mm)
6	0.5	0.6
10	0.5	0.8
12	0.6	0.9
16	0.8	1.2
20	1	1.5
25	1.2	1.9
32	1.6	2
40	1.9	2.4
50	2.4	3
63	3	3.8
75	3.6	4.5
90	4.3	5.3
110	5.2	6.5

Applications

Recommended Use

- Agricultural spray irrigation
- Drainage irrigation
- Modern water-saving irrigation systems
- Water conservancy projects
- Hydropower projects
- Lawn spray irrigation