



Jiangsu Zhonghe Pipeline
Technology Co., Ltd

Jiangsu Zhonghe Pipeline Technology Co., Ltd

Product and Qualification Introduction Brochure

Specializing in the R&D, production, and sales of power, communication, and municipal drainage pipelines, we empower infrastructure with a one-stop supply of all types of pipe materials.



Company Introduction

Jiangsu Zhonghe Pipeline Technology Co., Ltd



Based in Jiangsu, China, with a global reach—Jiangsu Zhonghe Pipeline Technology Co., Ltd., as the core operating entity of a self-built and self-operated high-molecular pipeline industrial park, has been dedicated to the field of high-molecular pipelines. We independently research, develop, and produce the core raw material—plastic pellets for pipelines, achieving a fully integrated industrial chain from raw material self-sufficiency to finished product manufacturing. With a comprehensive industrial chain layout and a global perspective, we have become a pivotal force in the high-quality development of the domestic high-molecular pipeline industry. Committed to providing global customers with one-stop pipeline system solutions across all categories, scenarios, and life cycles, we empower urban infrastructure upgrades with meticulous craftsmanship and innovative capabilities, setting new benchmarks for industry development.

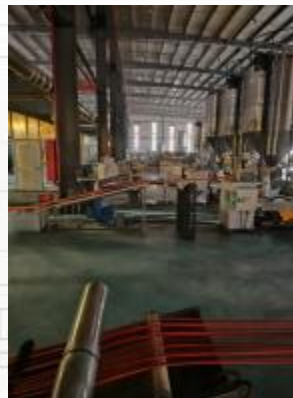
To better serve the international market, the company established a wholly-owned trading subsidiary—Hebei Xiong'an Huayuantongda International Trading Co., Ltd., responsible for global business expansion, overseas market promotion, and international customer service. The production base and trading division work in synergy to ensure efficient global supply and professional export support.



Leveraging the advantages of Jiangsu's new materials industrial cluster, the company has established a large-scale industrial park as a platform to achieve a new development model characterized by scale, concentration, and intelligence. The project spans a total area of 252.83 acres, with a total construction area of 86,000 square meters and an investment of 150million US dollars. Adhering to the concept of green development, it efficiently revitalizes idle industrial resources in the region, meticulously building a modern, intelligent high-molecular pipeline production base that leads domestically. We produce specialized plastic pellets for pipelines in-house, offering significant advantages in raw material costs, quality control, and supply stability, demonstrating corporate responsibility and industrial commitment while supporting regional industrial transformation, upgrading, and high-quality economic development.

After the project's full-scale production, both capacity and efficiency achieved dual breakthroughs, reaching a core production capacity of 120,000 tons annually for various high-end polymer pipes in municipal, power, water supply, drainage, telecommunications, and communication sectors. The annual invoiced revenue exceeded 1 billion yuan, with tax payments reaching 20 million yuan. With robust scale strength, leading technological capabilities, extensive industry influence, and unique cost advantages from self-produced raw materials, the company has become a benchmark in the polymer pipe industry in East China and a core force in domestic building material pipe exports, continuously delivering the quality strength of China's intelligent manufacturing to the world.

Adhering to the development philosophy of "Empowering the Full Chain, Reaching the World," the company has established a closed-loop supply chain system spanning plastic granule R&D and production, core technology breakthroughs, large-scale intelligent manufacturing, global logistics distribution, and comprehensive after-sales technical services. This system breaks industry barriers, enabling direct supply to global clients and full-cycle service coverage. With stable product quality, efficient delivery capabilities, professional technical support, and the significant cost advantage of self-supplied raw materials, we have accumulated numerous landmark client cases both domestically and internationally. In the future, Jiangsu Zhonghe will continue to deepen its expertise in the polymer pipeline sector, focusing on technological innovation and quality enhancement. Leveraging a well-established industrial layout and full-chain advantages, the company will implement the "Manufacturing Powerhouse" strategy, driving the pipeline industry toward greener, smarter, and more international transformation. With superior products and services, we aim to empower global infrastructure development and write a new chapter in the globalization of China's polymer pipeline industry.



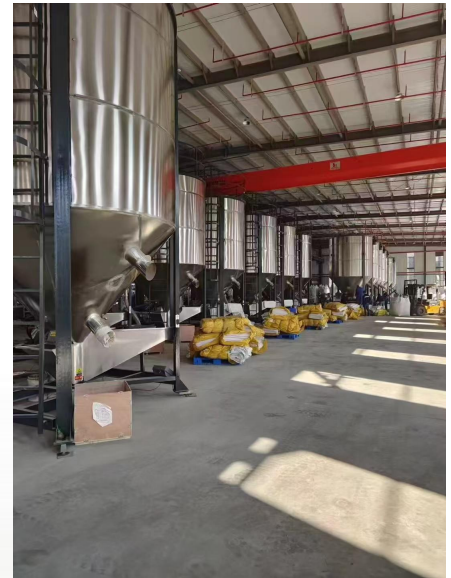
[URL:www.zonhepipe.com](http://www.zonhepipe.com)

Enterprise Email:lilian@zonhepipe.com



Company Introduction

Jiangsu Zhonghe Pipeline Technology Co., Ltd





01

PE series pipes

PE water supply pipe/PE silicon
core pipe/PE steel wire mesh
skeleton composite pipe

02

Drainage pipe series

HDPE double wall corrugated
pipe/HDPE carat pipe

05

Fire pipe series

Steel plastic fire pipe

5

Five major
products

04

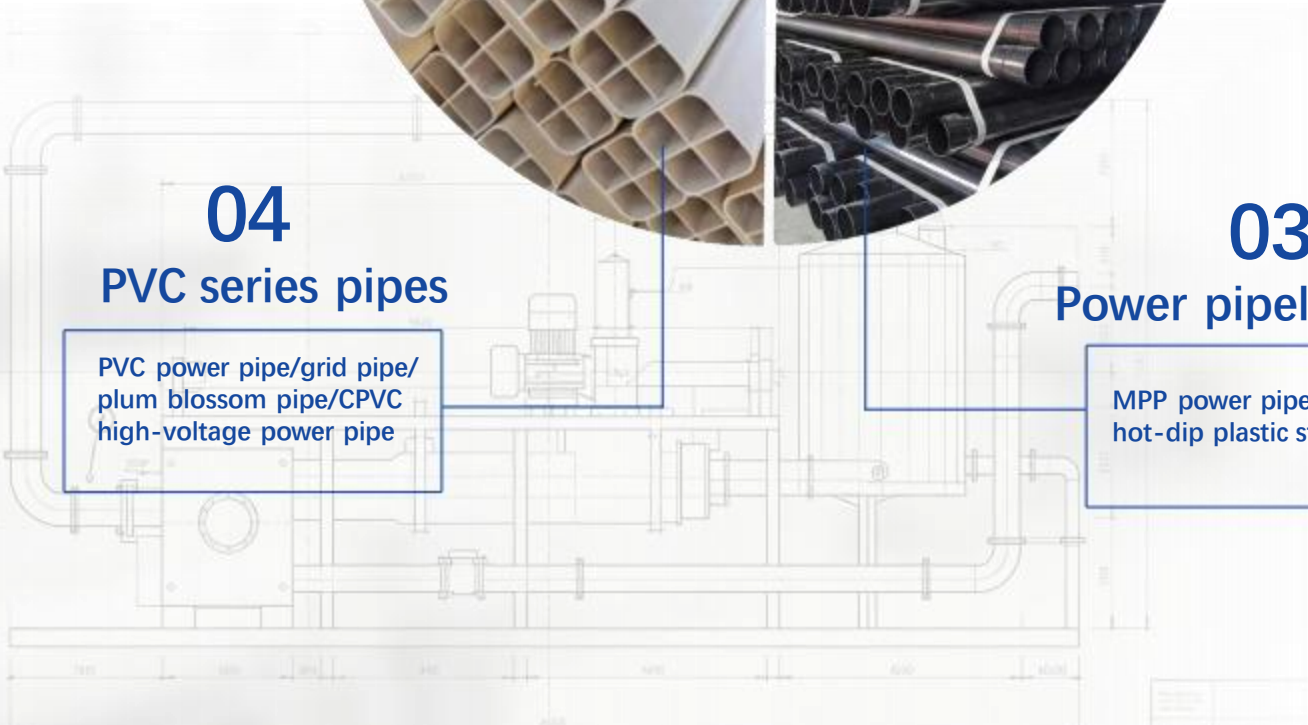
PVC series pipes

PVC power pipe/grid pipe/
plum blossom pipe/CPVC
high-voltage power pipe

03

Power pipeline series

MPP power pipe/N-HAP
hot-dip plastic steel pipe





01

Introduction to PE series pipes

PE water supply pipe/power protection pipe



Excellent toughness and impact resistance

Low temperature environment is not brittle, with excellent anti settlement and anti earthquake capabilities, and high safety.



Flexible construction and natural bending

Small caliber pipes can be turned without the need for bends, greatly reducing construction difficulty and costs.



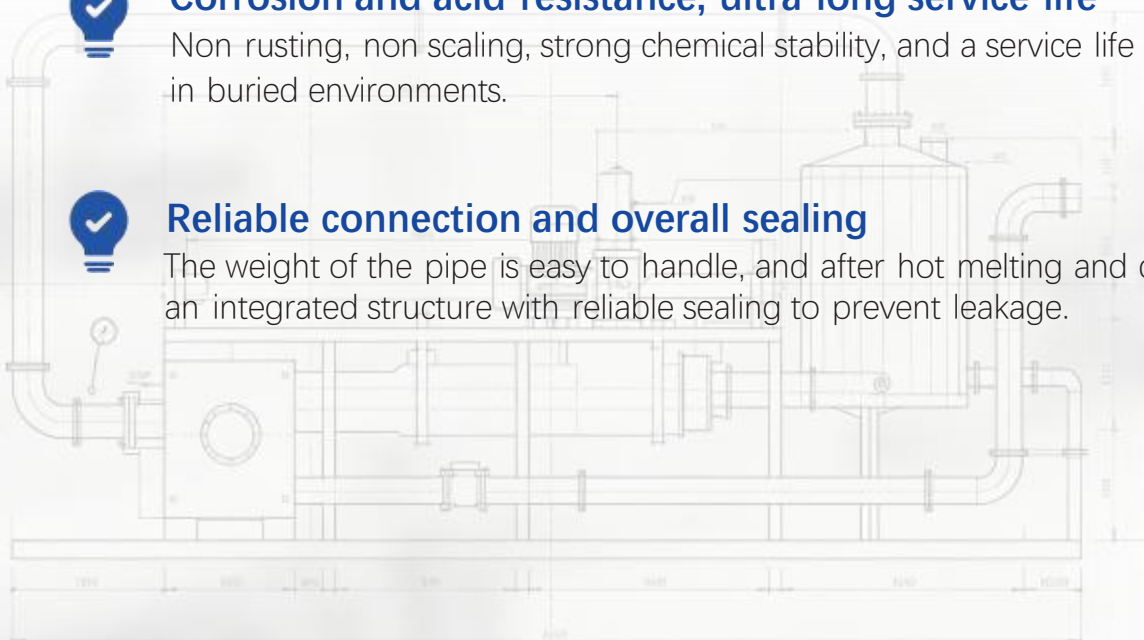
Corrosion and acid resistance, ultra long service life

Non-rusting, non-scaling, strong chemical stability, and a service life of over 50 years in buried environments.



Reliable connection and overall sealing

The weight of the pipe is easy to handle, and after hot melting and docking, it forms an integrated structure with reliable sealing to prevent leakage.





Product Data Parameters

HDPE pipe specifications and models

Nominal outside diameter	SDR26	SDR21	SDR17	SDR13.6	SDR11
	PN, MPa				
	0.6	0.8	1.0	1.25	1.6
	Wall thickness	Wall thickness	Wall thickness	Wall thickness	Wall thickness
Φ20					2.3
Φ25					2.3
Φ32					3.0
Φ40					3.7
Φ50			3.0	3.7	4.6
Φ63			3.5	4.7	5.8
Φ75			4.5	5.6	6.8
Φ90	3.5	4.3	5.4	6.7	8.2
Φ110	4.2	5.3	6.6	8.1	10.0
Φ125	4.8	6.0	7.4	9.2	11.4
Φ140	5.4	6.7	8.3	10.3	12.8
Φ160	6.2	7.7	9.5	11.8	14.6
Φ180	7.0	8.6	10.7	13.3	16.4
Φ200	7.7	9.6	11.9	14.7	18.2
Φ225	8.6	10.8	13.4	16.6	20.5
Φ250	9.6	11.9	14.8	18.4	22.7
Φ280	10.8	13.4	16.6	20.6	25.5
Φ315	12.1	15.0	18.7	23.2	28.6
Φ355	13.6	16.9	21.1	26.1	32.2
Φ400	15.3	19.1	23.7	29.4	36.3
Φ450	17.2	21.5	26.7	33.1	40.9
Φ500	19.1	23.9	29.7	36.8	45.4
Φ560	21.4	26.7	33.2	41.2	50.8
Φ630	24.1	30.0	37.4	46.3	57.2
Φ710	27.2	33.9	42.1	52.2	64.5
Φ800	30.6	38.1	47.4	58.8	72.7
Φ900	34.4	42.9	53.3	66.2	81.7
Φ1000	38.2	47.7	59.3	72.5	90.2
Φ1100	42.3	52.4	64.7	80.9	100.0
Φ1200	45.9	57.2	67.9	88.2	



PE series pipes

PE silicon core tube (specially designed for air blown optical cables)



Ultra long air blowing distance

Permanent silicon core lubrication layer on the inner wall, with a friction coefficient of ≤ 0.15 , can be installed for 1000-2000 meters with a single air blow.



Excellent flexibility performance

The material is flexible and crack resistant, with a bending radius of only 10 times the outer diameter, making it easy to adapt to complex terrains such as mountainous areas.



Weather resistance and aging resistance

Temperature resistance $-40\text{ }^{\circ}\text{C} \sim 60\text{ }^{\circ}\text{C}$, acid and alkali resistance, waterproof, designed for a service life of over 50 years.



Efficient supply of disk packaging

Support supply of 500~3000 meters per plate, reduce joints, and improve overall construction efficiency and economy.





PE series pipes

PE steel wire mesh skeleton composite pipe



High strength and high pressure resistance

The steel wire mesh reinforced structure has a pressure bearing capacity far exceeding that of ordinary PE pipes.

Smooth inner wall and low resistance loss

Low frictional resistance, no scaling, effectively improving the conveying flow rate.

Good rigidity and deformation resistance

Not easy to expand and resistant to settlement, designed specifically for high-pressure fluid transportation.

Electric fusion connection with zero leakage

The joint is integrated with the pipe material, with excellent sealing performance and safety and reliability.

Corrosion resistant and rust free

Full PE coating, acid and alkali resistant, designed for a lifespan of over 50 years.

Non excavation construction is allowed

Strong impact resistance, perfectly suitable for municipal buried engineering.



02

Drainage pipe series double-wall corrugated pipe



temper force with grace

The ring stiffness reaches SN4/SN8/SN10, the structure is stable, and it can effectively withstand soil pressure and ground load impact.

Efficient drainage

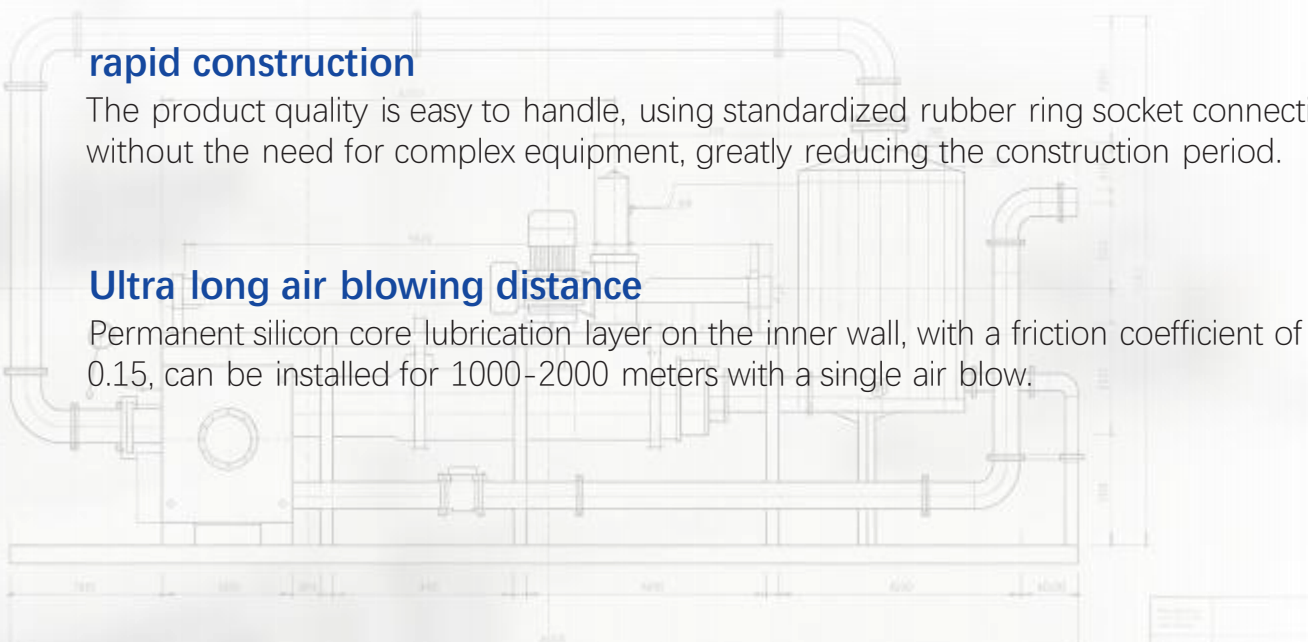
The inner wall is smooth and free of burrs, with low fluid resistance. The measured drainage flow rate is about 30% higher than that of traditional pipes.

rapid construction

The product quality is easy to handle, using standardized rubber ring socket connections, without the need for complex equipment, greatly reducing the construction period.

Ultra long air blowing distance

Permanent silicon core lubrication layer on the inner wall, with a friction coefficient of ≤ 0.15 , can be installed for 1000-2000 meters with a single air blow.





Drainage pipe series

HDPE Kra Pipe (Wrapped Structural Wall B-Type Pipe)

Extra large caliber specification

Covering the entire range of DN300-
DN4000, perfectly matching the needs
of large-scale municipal drainage
projects.

Ultra high ring stiffness

Unique winding structure, strong
compressive strength, can adapt to
harsh geological environments buried
up to 20 meters deep.

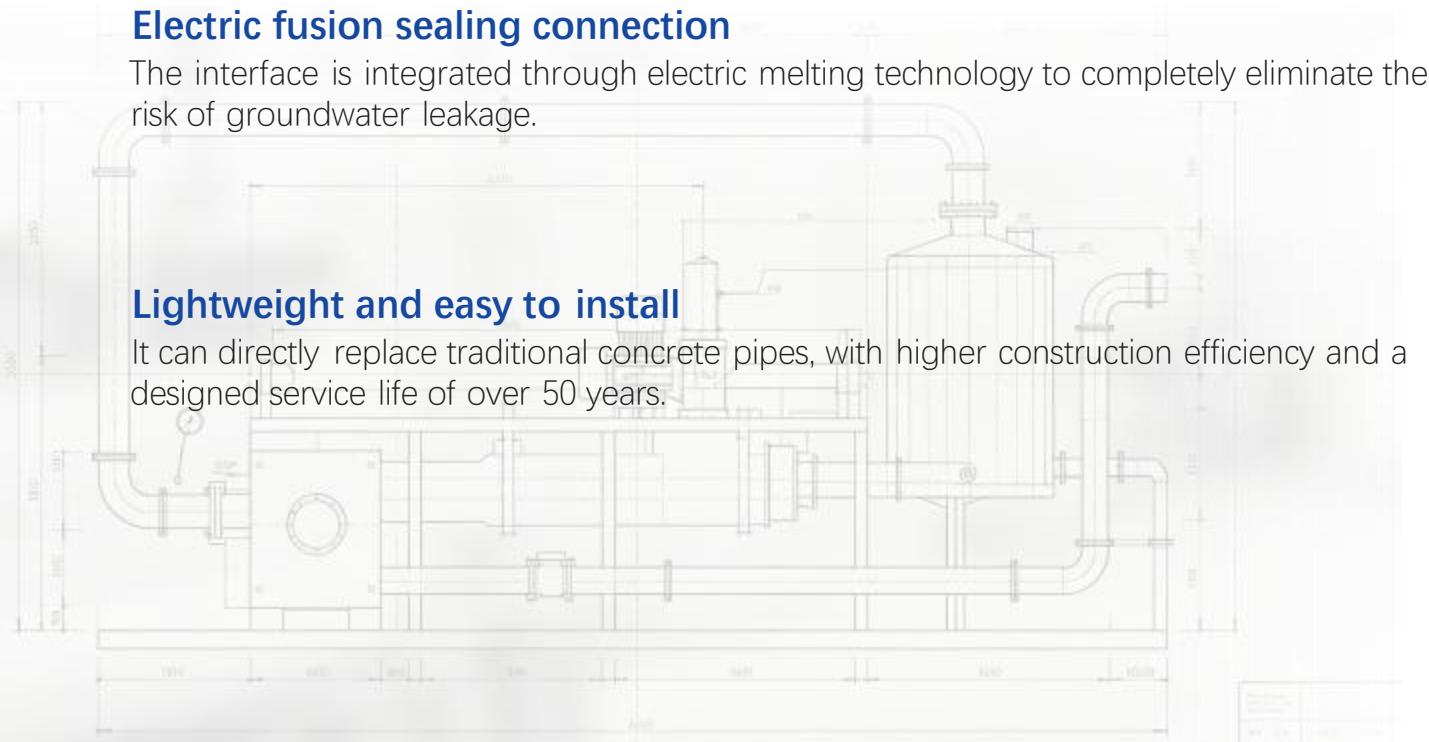


Electric fusion sealing connection

The interface is integrated through electric melting technology to completely eliminate the risk of groundwater leakage.

Lightweight and easy to install

It can directly replace traditional concrete pipes, with higher construction efficiency and a designed service life of over 50 years.





03

Power pipeline series

MPP power pipe

Preferred for non excavation power engineering · Standard orange red warning color

Material Properties:

Modified polypropylene (MPP), non corrosive insulation, lightweight and high-strength

Specification Classification:

Modified polypropylene (MPP), non corrosive insulation, lightweight and high-strength



01 Insulation safety

No electrical corrosion hazard

02 ultra-long lifespan

Underground service for over 50 years

03 high and low temperature resistance

-Stable operation at 5 °C ~70 °C

04 Easy construction

Support non excavation pipe jacking/
dragging



Drainage pipe series

HDPE Kra Pipe (Wrapped Structural Wall B-Type Pipe)

N-HAP hot-dip plastic steel pipe (steel plastic composite power pipe)

Core technology - perfect combination of steel and plastic

Based on high-quality steel pipes, the inner and outer walls are covered with hot-dip plastic coatings, which have strong adhesion and combine the strength of steel pipes with the anti-corrosion and insulation properties of plastics.

Core performance advantages:

01 high mechanical strength

Resistant to pressure and impact, suitable for heavy-duty environments

02 Low threading resistance

Smooth inner wall, more convenient for cable installation during construction

03 Excellent anti-corrosion insulation

Water absorption rate < 0.003%, excellent insulation performance

04 Temperature resistant, flame-retardant, anti-static

Suitable for $-40\text{ }^{\circ}\text{C}$ ~ $80\text{ }^{\circ}\text{C}$, safe and reliable





04

PVC series pipes (high cost-effectiveness)



PVC grating pipe

Porous square tube · Structural compressive strength

- 4/6/9 hole flexible combination, greatly saving underground pipe positions.
- Smooth inner wall without burrs, minimal resistance to cable threading.
- Lightweight, high-strength, acid and alkali resistant, convenient for engineering installation and transportation.

PVC-U/C power pipe

Excellent insulation and safe transmission

Non conductive, resistant to high voltage impact, effectively isolates current, and ensures safe power operation.

Corrosion resistant, weather resistant, and durable

Resistant to acid and alkali corrosion, does not rust or scale, and has a longer lifespan in harsh soil environments.

Hardcore cost-effectiveness and construction optimization

Lightweight, high hardness, compression and trampling resistance, with lower procurement and construction costs for the same performance.

PVC plum blossom pipe

Honeycomb Integrated · Flexible Expansion

- Porous honeycomb structure, laying multiple channels at once, conducive to later expansion.
- Strong overall pressure resistance, effectively protecting internal communication cables.
- Good insulation and aging resistance, preferred pipe material for communication pipe network engineering.





PVC-O pipes (biaxially oriented polyvinyl chloride pipes)



PVC-O (biaxially oriented polyvinyl chloride pipe) is a new type of high-pressure water supply pipe modified by biaxial stretching, which has much better performance than ordinary PVC-U, and combines high strength and high toughness.

Ultra high strength and high toughness

The tensile strength is $\geq 60\text{MPa}$, and the ring stiffness reaches level 36 (about 5 times that of PVC-U).

The impact strength is more than 10 times higher than PVC-U, and it maintains high toughness at $-25\text{ }^{\circ}\text{C}$, making it less prone to brittle cracking.

Thin walled lightweight, high water delivery efficiency

Under the same pressure, the wall thickness of PVC-U is reduced by 35% -40%, and the weight is reduced by more than 30%, which is only 1/8 of that of steel pipes.

Larger inner diameter, smooth inner wall (roughness $\leq 0.01\text{mm}$), increased water flow by 15% -40%, and reduced pump consumption by over 30%.

Hygiene and safety, corrosion resistance and longevity

The inner wall does not scale or breed bacteria, meets the hygiene standards for drinking water, and can be directly used for domestic water supply.

Acid and alkali resistance, chemical corrosion resistance (pH 2-12 stable), buried life of over 100 years.

Flexible connection, convenient construction

Elastic sealing ring socket connection, zero leakage, suitable for uneven settlement of the foundation.

Installation efficiency is 50% higher than traditional pipes, without the need for large machinery, suitable for complex terrains.



05

Fire pipeline series

Steel plastic fire pipe

The core advantages of the new generation fire pipeline system

Structural features:

high strength, high pressure bearing, impact resistance, water hammer resistance, deformation resistance



Core performance advantages:

01 ultra-long lifespan

Design lifespan of 50-70 years, several times longer than traditional pipes

02 Flame retardant safety

Special flame retardant coating to maintain structural integrity in case of fire

03 Excellent hydraulic performance

Smooth inner wall, low resistance, significant energy saving and consumption reduction

04 High strength and reliability

Retain the rigidity, impact resistance, and settlement resistance of steel pipes





About Us

Jiangsu Zhonghe Pipeline Technology Co., Ltd

Core business and product layout

Focusing on the research and development, production, and sales of pipelines in the three core areas of power, communication, and municipal drainage, we are committed to providing a full range of pipe materials support for infrastructure construction.

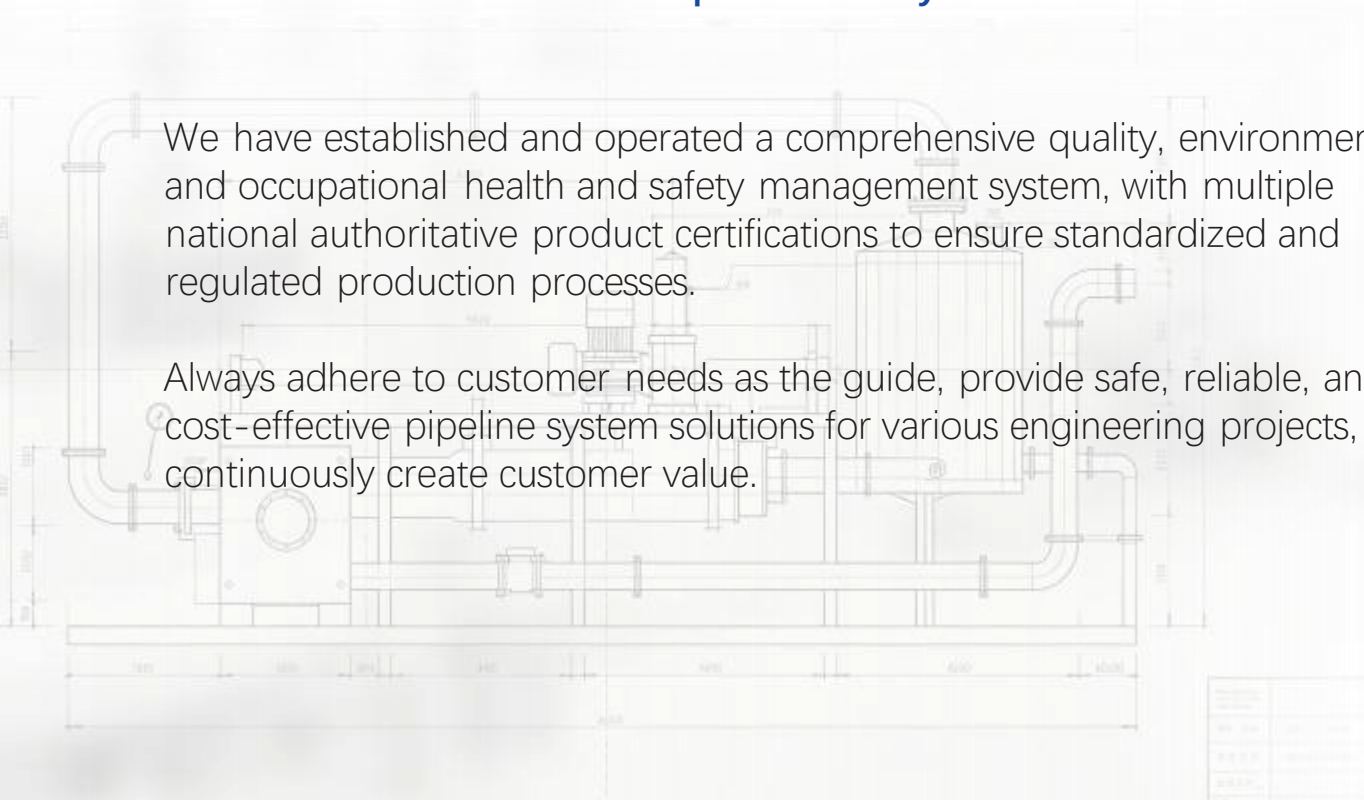
Our main products cover MPP power pipes, PE pipes, silicon core pipes, double wall corrugated pipes, carat pipes, hot-dip plastic steel pipes, PVC series pipes, etc., achieving one-stop supply of all types of plastic pipes.

Enterprise strength and service guarantee

Authoritative certification · Comprehensive system control

We have established and operated a comprehensive quality, environmental, and occupational health and safety management system, with multiple national authoritative product certifications to ensure standardized and regulated production processes.

Always adhere to customer needs as the guide, provide safe, reliable, and cost-effective pipeline system solutions for various engineering projects, and continuously create customer value.





AAA Credit Enterprise Certification

- AAA level high-quality and trustworthy enterprise
- AAA level service-oriented and trustworthy enterprise
- AAA level trustworthy supplier enterprise
- AAA level quality service integrity unit

International Management System Certification

- ISO 9001:2015 Quality Management System
- ISO 14001:2015 Environmental Management System
- ISO 45001:2018 Occupational Health and Safety System

EU CE Certification

- Compliant with EU 305/2011 Building Products Regulation
- HDPE pipes and fittings have passed EN12201 standard certification
- Recognized for EU market access qualifications





国家企业信用信息公示系统网址: <http://www.gsxt.gov.cn>

市场主体应当于每年1月1日至6月30日通过
国家企业信用信息公示系统报送公示年度报告。

国家市场监督管理总局监制





About Us

best practice



News 1: PVC Pipe

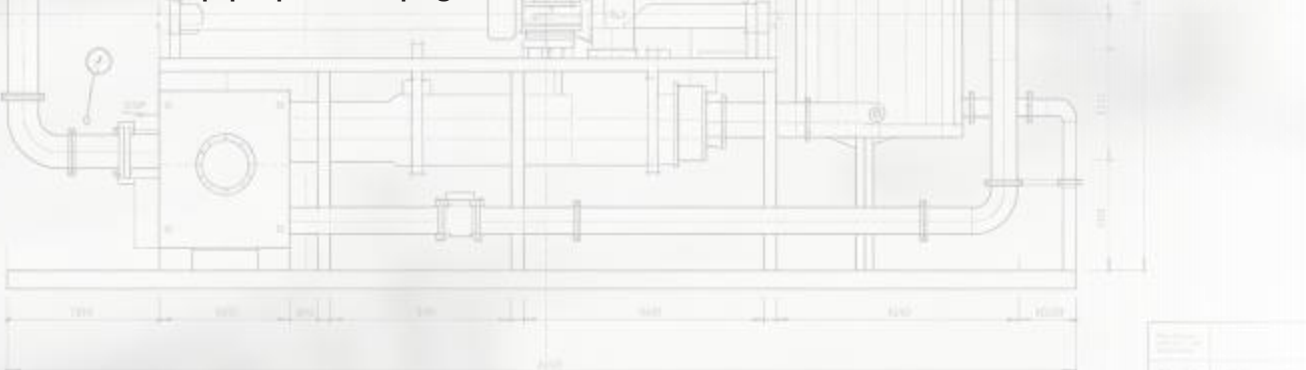
Title

New Environmentally Friendly PVC Pipe for Construction & Electrical Wiring Projects | High Quality & Durable

Content

Our company has launched a new series of **PVC pipe** products designed for construction drainage, electrical wiring, and civil engineering applications. Made with high-quality PVC raw materials and advanced extrusion technology, these pipes feature excellent corrosion resistance, high rigidity, and long service life. They comply with international safety and environmental standards, making them ideal for residential buildings, commercial projects, and municipal pipe network renovation.

Compared with traditional pipes, our **PVC pipe** offers better pressure resistance, smoother inner walls, and easier installation. The standardized socket connection reduces construction difficulty and improves overall project efficiency. Strict quality control is implemented throughout the production process, including raw material inspection, online monitoring, and finished product pressure testing. We provide complete specifications from small diameter to large diameter to meet different engineering needs. For more technical parameters, installation guides, and project quotations, please visit our **PVC pipe product page** and contact our sales team for customized solutions.





News 2: PE Water Supply Pipe

Title

High Performance PE Water Supply Pipe Exhibited at International Pipe Expo 2026 | Safe & Long-Lasting

Content

Our team recently participated in the 2026 International Pipe Industry Exhibition, showcasing our flagship **PE water supply pipe** series for municipal water supply, rural drinking water projects, and garden irrigation. As an eco-friendly and safe plastic pipeline solution, PE pipe has become increasingly popular in modern water engineering due to its lightweight, non-toxic, and high toughness characteristics.

During the exhibition, many professional visitors, contractors, and distributors showed strong interest in our **PE water supply pipe**. Our technical team communicated in depth about material performance, hot-melt connection technology, and long-term service stability. Customers praised our stable product quality, on-time delivery capacity, and complete after-sales support.

In response to industry trends of green development and intelligent construction, we continue to optimize the formula and production process of **PE water supply pipe** to enhance pressure resistance and aging resistance. To learn more about product models, pressure levels, and application cases, please check our **PE water supply pipe product page**.





News 3: PE Silicon Core Pipe

Title (57 bytes)

PE Silicon Core Pipe for 5G Communication & Optical Cable Laying Projects | Smooth & High Strength

Content

With the rapid development of 5G communication and optical fiber network construction, **PE silicon core pipe** has become an essential pipeline for optical cable protection and long-distance cable blowing. Our company provides high-quality PE silicon core pipe with a built-in smooth silicon layer, which greatly reduces friction and allows optical cables to be laid quickly and efficiently.

This kind of **PE silicon core pipe** features high ring stiffness, excellent corrosion resistance, and strong adaptability to complex soil environments. It is widely used in expressway communication pipelines, urban comprehensive pipe corridors, industrial parks, and rural broadband projects. Actual engineering cases show that using silicon core pipe can shorten construction period and reduce overall project cost significantly.

Our products strictly follow national and industry standards, with stable dimensions and reliable sealing performance. We support customized length and color according to project requirements. For detailed specifications, construction suggestions, and bulk purchase prices, please visit our **PE silicon core pipe product page**.



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Win win cooperation • Create a Shared Future

Jiangsu Zhonghe Pipeline - Providing high-quality pipeline solutions for
power, communication, and municipal engineering