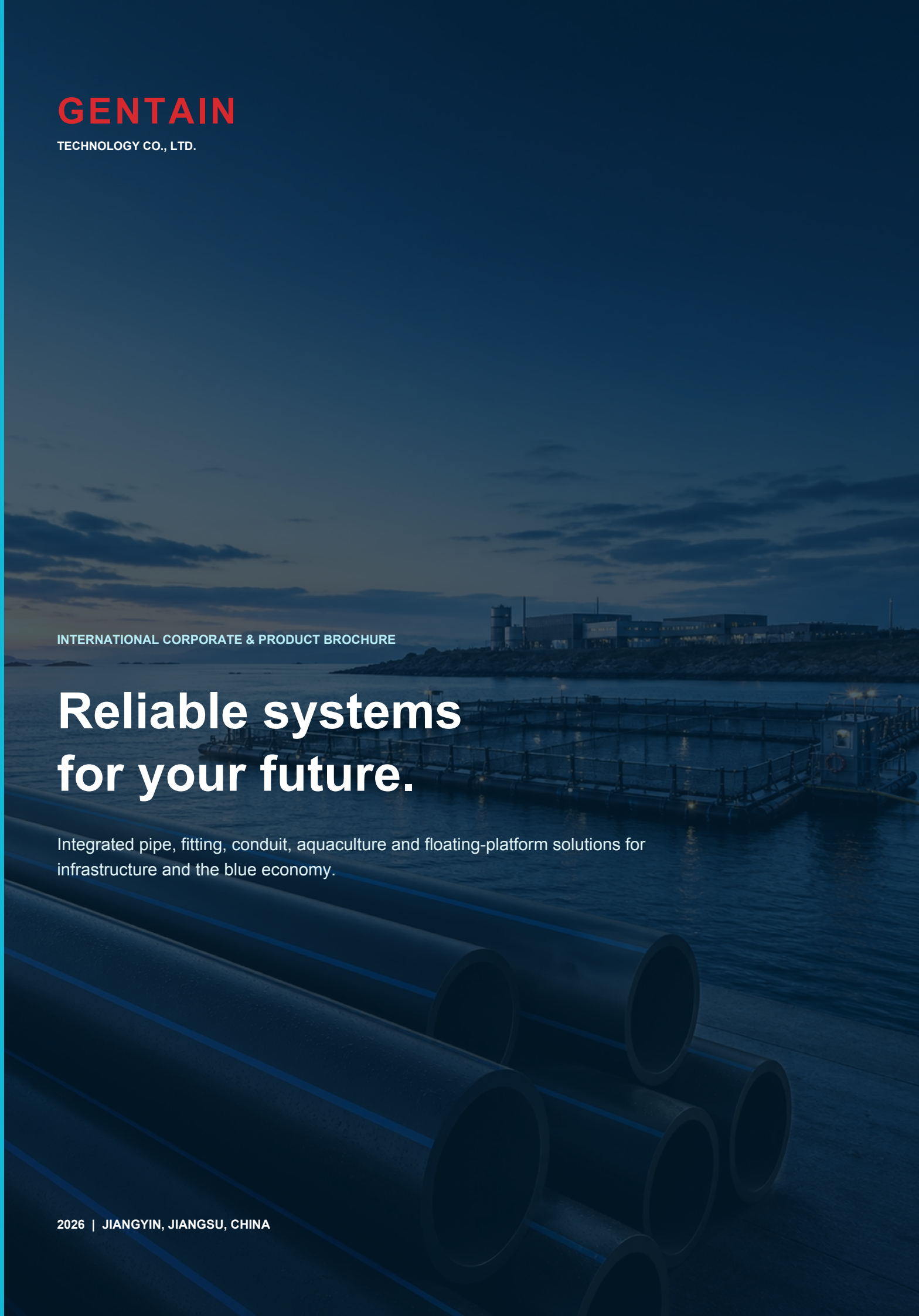
GENTAIN

TECHNOLOGY CO., LTD.



INTERNATIONAL CORPORATE & PRODUCT BROCHURE

Reliable systems for your future.

Integrated pipe, fitting, conduit, aquaculture and floating-platform solutions for infrastructure and the blue economy.

2026 | JIANGYIN, JIANGSU, CHINA

BROCHURE OVERVIEW

A complete international company and product catalog.

Corporate capability, all 78 current official English-site products, detailed aquaculture specifications, projects and credentials.

03 **About GENTAIN**
Company profile and manufacturing

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R&D, testing and service

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Complete product-system introduction

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COMPANY PROFILE

Reliable systems for your future.

GENTAIN Technology Co., Ltd. is a high-tech enterprise specializing in the R&D, production, sales and service of multi-field conveying-system products.

20+ YEARS

Steady development and brand accumulation

200,000 T

Annual comprehensive production capacity of each unit

RMB 108M

Registered capital

A comprehensive manufacturer

GENTAIN serves municipal, gas, civil construction, power communication, irrigation, industrial, aquaculture and sightseeing-platform applications. The company is headquartered in Jiangyin City, Jiangsu Province and operates multiple production bases.

A diversified group

After more than 20 years of steady development, the business has expanded across new building materials, medical equipment, new polymer materials, financial investment and general contracting of municipal public engineering construction.

MANUFACTURING

Scale supported by standardized management.

Production equipment, process management, inspection and traceability work together to support stable project supply.



01 Large-scale production

Batch supply and matched specifications for PE gas pipe, PE water supply pipe, municipal pipe, power communication conduit and fittings.

02 Process control

Raw materials, equipment, production lines, shifts, manufacturers and inspectors are managed to support product traceability.

03 Project application

Product selection, specification communication, supply coordination and engineering support based on project scenarios.

04 Digital management

Programmed decision-making, standardized behavior, institutionalized innovation and process control.

05 Long-term vision

Ecology, humanities and technology form the brand connotation behind the goal of a Centennial GENTAIN.

PRODUCT SYSTEM COVERAGE

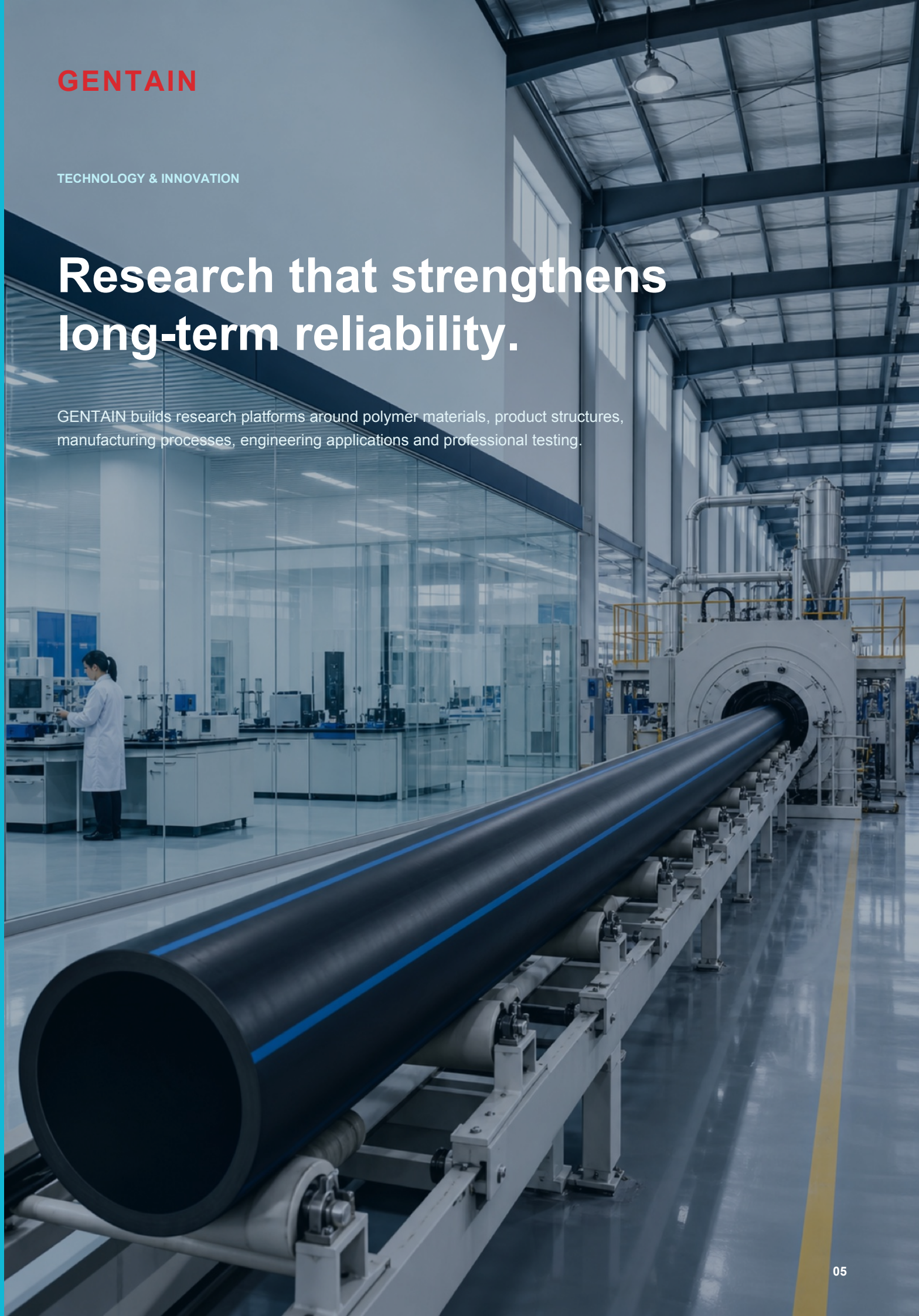
- Municipal, water, gas and power communication systems
- Cages, marine ranching and multifunctional water platforms
- Project-specific supply and engineering support

GENTAIN

TECHNOLOGY & INNOVATION

Research that strengthens long-term reliability.

GENTAIN builds research platforms around polymer materials, product structures, manufacturing processes, engineering applications and professional testing.





R&D PLATFORM

From scientific research to engineering application.

The website identifies a broad research platform and long-term cooperation with universities, upstream material manufacturers and design institutes.

01

R&D Center

Product development and technical upgrades for pipe, fitting, water-engineering and application scenarios.

02

Postdoctoral Workstation

Continuous research into polymer materials, manufacturing processes and engineering applications.

03

CNAS Experimental Center

Professional testing for raw materials, finished products and engineering applications.

04

Engineering Technology Center

Jiangsu Provincial Enterprise Technology Center and Wuxi Engineering Technology Center capabilities.

INNOVATION DIRECTIONS

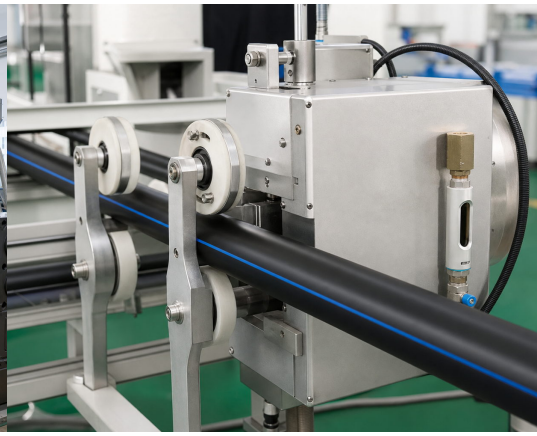
- Deep-water cage support structures and water-engineering product reliability
- Highly effective antibacterial polypropylene pipe for building water supply
- PE relief ball valves for pressurized gas pipeline applications
- Participation in 8 national and industry standards plus supporting technical specifications

QUALITY & SERVICE

Control from source to delivery - support throughout the project.

Quality assurance is a complete process from incoming materials and production through online detection, laboratory verification and finished-product release.





Raw-material control

High-density polyethylene and polypropylene from established petrochemical producers; incoming materials are tested before production.

Stable production equipment

17 production units: 7 Battenfeld imported lines, 9 domestic extrusion units and 1 domestic double-wall corrugated-pipe line.

Online & laboratory testing

Online gravimetric and ultrasonic systems plus the CNAS Experimental Center support dimensional and quality control.

TRACEABILITY

Major pipe products are marked with standard number, batch number, production date, production line, shift, manufacturer and inspector information to support acceptance, quality tracking and after-sales communication.

PROJECT SERVICE PROCESS

01	02	03	04	05	06
Requirements	Plan & checklist	Production	Arrival	On-site support	Follow-up

SERVICE COMMITMENT

Acceptance according to current standards, inspection certificates with supply, complaints responded to within 2 hours, and site handling within 24 hours if quality problems occur. Long-term feedback is incorporated into continuous improvement.

GENTAIN

PRODUCT PORTFOLIO

Integrated systems beneath every growing city.

Municipal water and drainage, gas distribution, high-performance water supply, power and communication conduits, PE fittings, aquaculture and floating infrastructure.



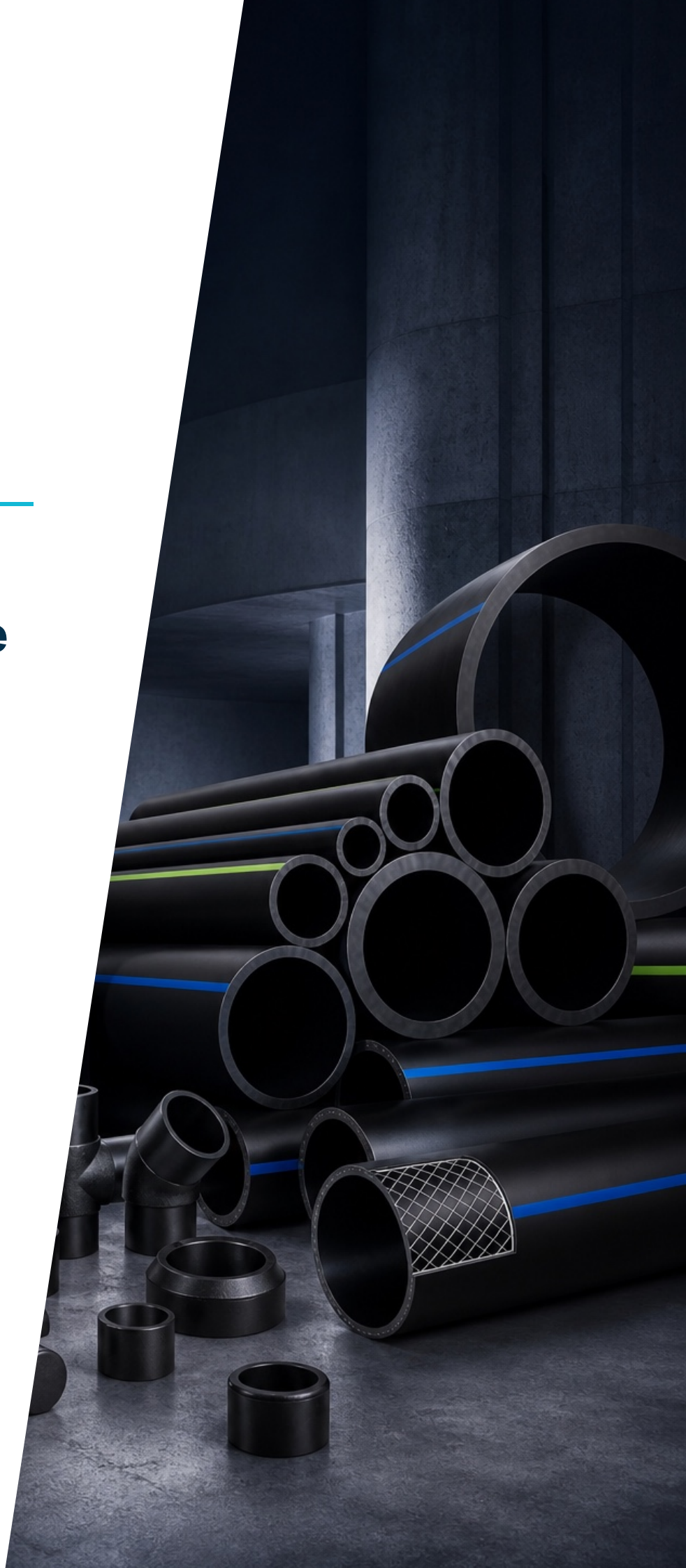
GENTAIN

01

PRODUCT PORTFOLIO

Municipal Pipe Systems

PE water supply, drainage, rehabilitation and composite systems for municipal networks and infrastructure construction.

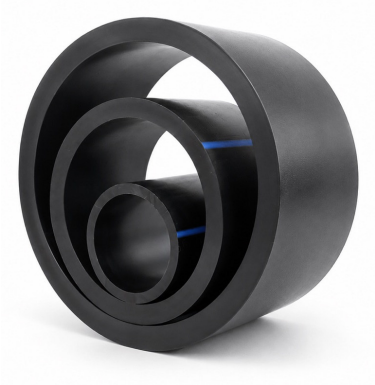


8 PRODUCTS

COMPLETE PRODUCT CATALOG | 01/04

PE Water Supply Pipe

Related products are grouped together while every item retains its own image, name and description.



PE WATER SUPPLY PIPE

Polyethylene (PE) pipes for water supply

Used for urban water supply, engineering water delivery and water main network.



PE WATER SUPPLY PIPE

PE Water Supply Pipe fittings

Used for PE Water Supply Pipeline connection, diversion and branch matching.



PE WATER SUPPLY PIPE

PE Water Supply PLUS Series

Upgraded pipe products for high-quality water supply projects.

COMPLETE PRODUCT CATALOG | 02/04

PE Solid-Wall Drainage Pipe

Names, descriptions and product images are sourced from the official English website.



PE SOLID-WALL DRAINAGE PIPE

PE Solid-Wall Drainage Pipe

Used in municipal drainage, sewage and engineering drainage systems.



PE SOLID-WALL DRAINAGE PIPE

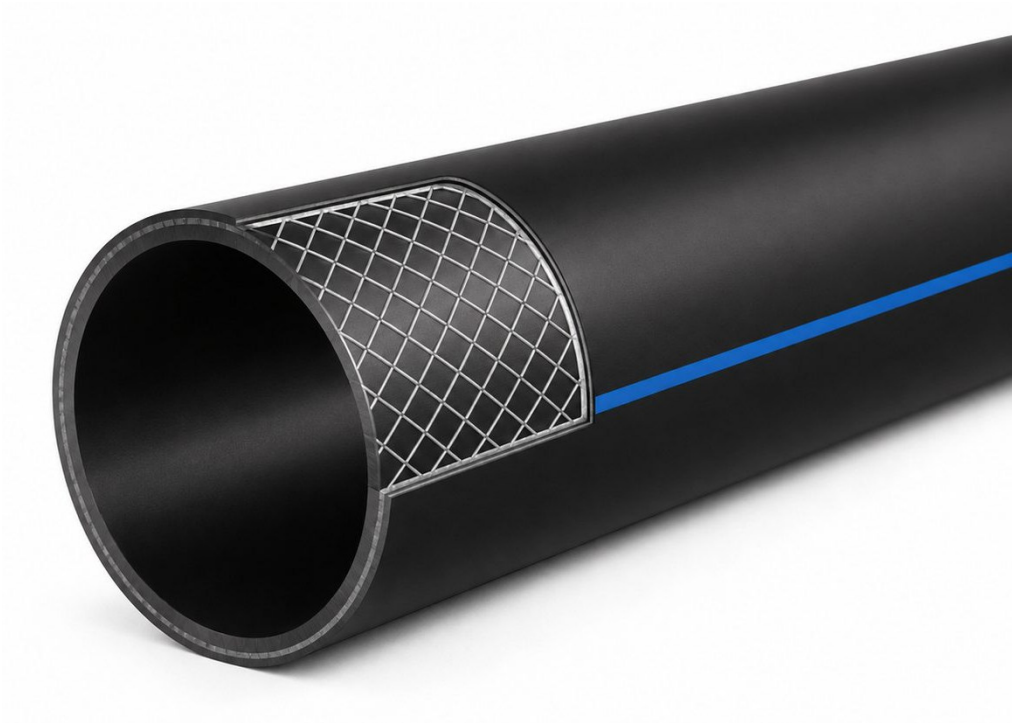
PE Drainage Pipe

Used for drainage pipe network and municipal engineering supporting equipment.

COMPLETE PRODUCT CATALOG | 03/04

Steel-Mesh Reinforced PE Composite Pipe

A reinforced pressure-pipe system for demanding municipal and engineering transport.



CUTAWAY STRUCTURE / OFFICIAL PRODUCT IMAGE

PRODUCT OVERVIEW

The steel mesh-reinforced polyethylene composite pipe for water supply combines a polyethylene pipe body with a steel mesh skeleton. It is designed for high-pressure and long-distance engineering pipelines serving municipal water supply, industrial transport, mining and agricultural irrigation.

KEY PERFORMANCE

- Steel-mesh reinforcement supports pressure-bearing performance.
- Polyethylene body provides corrosion resistance for long-term service.
- Suitable for long-distance engineering transport requirements.

APPLICATION RANGE

- Municipal and drinking-water supply
- Industrial media transportation
- Mining and oil-and-gas-field projects
- Agricultural irrigation systems

PROJECT SELECTION

DIAMETER	Confirm with project design
PRESSURE	Select by operating requirement
CONNECTION	Match the specified system
MEDIUM	Verify compatibility before supply

COMPLETE PRODUCT CATALOG | 04/04

PE Rehabilitation Pipe

Names, descriptions and product images are sourced from the official English website.



PE REHABILITATION PIPE

PE Solid-Wall Rehabilitation Pipe

Used for the renewal, lining and repair of existing drainage pipe networks.



PE REHABILITATION PIPE

PE Wound Solid-Wall Rehabilitation Pipe

It is suitable for the renewal of existing pipe networks and repair and transformation under complex construction conditions.

02

PRODUCT PORTFOLIO

PE Gas Systems

A complete range of PE gas pipes, electrofusion and butt-fusion fittings, steel-to-PE transitions and PE gas valves.

23 PRODUCTS



COMPLETE PRODUCT CATALOG | 01/05

PE Gas Pipe

Related products are grouped together while every item retains its own image, name and description.



PE80

PE80 gas pipe

Black PE gas pipes with yellow identification lines are used for the main and branch pipelines of the gas transmission and distribution network.



PE100

PE100 gas pipe

PE Gas Systems applications that require higher resistance to slow crack growth.



PE GAS PIPELINE

PE gas pipeline

It is suitable for urban gas transmission, courtyard pipe networks and engineering supporting pipelines.

COMPLETE PRODUCT CATALOG | 02/05

Gas Electrofusion Fittings

Closely related products are grouped for faster comparison without omitting individual product information.



ELECTROFUSION PIPE FITTINGS

Gas Electrofusion Reducer

Used for electrofusion connection of gas PE pipelines of different diameters.



ELECTROFUSION PIPE FITTINGS

Gas Electrofusion Tee

Used for electrofusion connection of gas pipeline branches.



ELECTROFUSION PIPE FITTINGS

Gas Electrofusion End Cap

Used for end sealing of gas PE pipelines.



ELECTROFUSION PIPE FITTINGS

Gas Electrofusion Coupling

Used for straight connection of gas PE pipelines of the same diameter.



ELECTROFUSION PIPE FITTINGS

Gas Electrofusion 90° Elbow

Used for 90-degree turn connection of gas pipelines.



ELECTROFUSION PIPE FITTINGS

Gas Electrofusion 45° Elbow

Used for 45 degree turn connection of gas pipeline.

COMPLETE PRODUCT CATALOG | 03/05

Gas Butt-Fusion Fittings

Closely related products are grouped for faster comparison without omitting individual product information.



HEAT-FUSION PIPE FITTINGS

Butt-Fusion Reducer

Used for heat-fusion connection between PE gas pipelines of different diameters.



HEAT-FUSION PIPE FITTINGS

Butt-Fusion Tee

Used for gas pipeline branch connection and distribution matching.



HEAT-FUSION PIPE FITTINGS

Butt-Fusion End Cap

Used for pipe end sealing and construction matching.



HEAT-FUSION PIPE FITTINGS

Butt-Fusion Flange Adapter

Used for matching PE pipes and flange connection structures.



HEAT-FUSION PIPE FITTINGS

Butt-Fusion 90° Elbow

Used for 90-degree turn connection of pipelines.



HEAT-FUSION PIPE FITTINGS

Butt-Fusion 45° Elbow

Used for 45 degree turn connection of pipelines.

COMPLETE PRODUCT CATALOG | 04/05

Steel-to-PE Transition Fittings

Related products are grouped together while every item retains its own image, name and description.



STEEL-TO-PLASTIC CONVERSION FOR GAS

Threaded steel-to-plastic conversion joint

Used for the conversion connection between PE gas pipes and metal pipes, equipment interfaces, valve ends or household ends.



STEEL-TO-PLASTIC CONVERSION FOR GAS

Straight pipe steel-to-plastic conversion joint

It is suitable for straight pipeline connection scenarios and facilitates matching conversion between PE end and metal end.



STEEL-TO-PLASTIC CONVERSION FOR GAS

Elbow steel-plastic conversion joint

It is suitable for installation scenarios such as steering pipelines or household branch lines, and completes the steel-to-plastic conversion package.

COMPLETE PRODUCT CATALOG | 05/05

PE Gas Valves

A feature-led composition keeps a five-product family balanced and easy to compare.



PE GAS VALVE

Single relief ball valve

Used for gas pipeline opening and closing control, suitable for single-sided operation and engineering installation scenarios.



PE GAS VALVE

Double relief ball valve

Used for gas pipeline opening and closing control, adapting to bilateral operation and engineering maintenance needs.



PE GAS VALVE

Gear-Assisted Double Relief Ball Valve

It is used for opening and closing control of larger-sized gas pipelines and is suitable for PE gas pipeline systems.



PE GAS VALVE

Standard ball valve

It is used for gas PE pipeline opening and closing control and engineering installation support.



PE GAS VALVE

Extended stem type standard ball valve

Used for valve control of buried gas pipelines to facilitate pipeline operation and maintenance.

GENTAIN

03

PRODUCT PORTFOLIO

High-Performance Water Supply

PE100-RC, PP-R and PP-H solutions for utilities, buildings, engineering water supply and chemical pipelines.

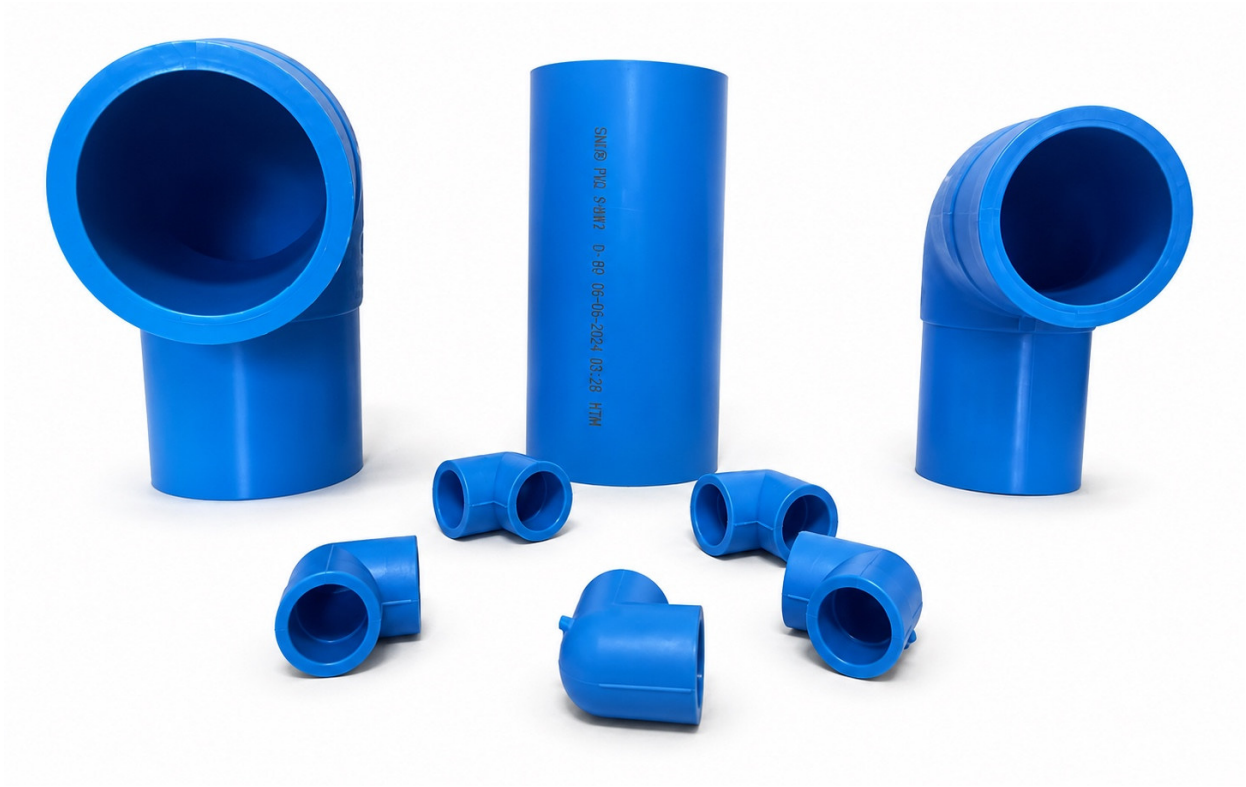


4 PRODUCTS

COMPLETE PRODUCT CATALOG | 01/02

PE100-RC Water Supply Pipe

Names, descriptions and product images are sourced from the official English website.



PE100-RC WATER SUPPLY PIPE

PE100-RC water supply pipe

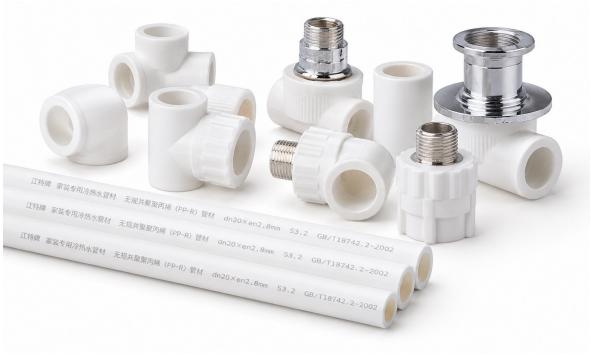
Made of PE100-RC grade polyethylene material, it is suitable for water supply, building water supply, engineering water delivery and long-term operation of pipe networks, taking into account health and safety, corrosion resistance, impact resistance and installation adaptability.

Official English website product entry

COMPLETE PRODUCT CATALOG | 02/02

PP-R & PP-H Pipe Systems

Related products are grouped together while every item retains its own image, name and description.



PP-R PIPE FITTING

PP-R engineering pipes and fittings

Used for hot and cold water in engineering projects and building water supply.



PP-R PIPE FITTING

PP-R home decoration pipes and fittings

Used for home water supply systems and indoor pipeline connections.



PP-R PIPE FITTING

PP-H chemical pipes and fittings

Used in chemical pipelines and corrosion-resistant transportation scenarios.

GENTAIN

04

PRODUCT PORTFOLIO

Power & Communication Conduits

MPP, C-PVC, multi-bore, PE and silicone-core conduits for power and communication infrastructure.

5 PRODUCTS



COMPLETE PRODUCT CATALOG | 01/03

MPP Power Cable Conduit

Names, descriptions and product images are sourced from the official English website.



MPP POWER CABLE CONDUIT

MPP pipe

It is suitable for power cable protection, trenchless drag pipes, road crossings and municipal power pipeline network supporting, and meets the requirements of cable laying for pipeline strength, heat resistance and construction adaptability.

Official English website product entry

COMPLETE PRODUCT CATALOG | 02/03

PVC Power & Multi-Bore Communication Conduits

Names, descriptions and product images are sourced from the official English website.



PVC POWER CABLE CONDUIT

C-PVC Power Cable Conduit

Used for power cable protection and engineering line laying.



PVC POWER CABLE CONDUIT

Multi-Bore Communication Conduit

Used for split hole laying of communication lines and pipeline protection.

COMPLETE PRODUCT CATALOG | 03/03

PE Communication Conduits

Names, descriptions and product images are sourced from the official English website.



PE COMMUNICATION CONDUIT

PE Cable Protection Conduit

Used for power communication line protection and wiring laying.



PE COMMUNICATION CONDUIT

Silicone-Core Communication Conduit

Used for communication optical cables, weak current lines and long-distance threading protection.

GENTAIN

05

PRODUCT PORTFOLIO

PE Pipe Fittings

Twenty-seven official products covering butt-fusion, threaded, repair, distribution and electrofusion connections.

27 PRODUCTS



COMPLETE PRODUCT CATALOG | 01/05

PE Butt-Fusion Water Fittings

Closely related products are grouped for faster comparison without omitting individual product information.



PE BUTT-FUSION WATER FITTINGS

45° Asymmetrical Y-Tee

Used for pipeline branch connections and engineering supporting installation.



PE BUTT-FUSION WATER FITTINGS

45° symmetrical equal diameter Y tee

It is used for equal diameter distribution of pipelines and system connection.



PE BUTT-FUSION WATER FITTINGS

22.5° Butt-Fusion Elbow

Used for small angle steering connections of PE pipes.



PE BUTT-FUSION WATER FITTINGS

Female-Threaded Coupling

Used for pipeline straight connection and internal thread interface matching.



PE BUTT-FUSION WATER FITTINGS

Female-Threaded Tee

Used for pipeline branch connections and internal thread interface matching.



PE BUTT-FUSION WATER FITTINGS

Stop valve

Used for pipeline opening and closing control and engineering maintenance support.

COMPLETE PRODUCT CATALOG | 02/05

PE Butt-Fusion Water Fittings

Closely related products are grouped for faster comparison without omitting individual product information.



PE BUTT-FUSION WATER FITTINGS

Water Distribution Manifold

Used for multi-branch water distribution, water collection and system matching.



PE BUTT-FUSION WATER FITTINGS

PE Repair Coupling for Live Water Lines

Used for pipeline emergency repair, maintenance and non-stop water supply scenarios.



PE BUTT-FUSION WATER FITTINGS

Butt-Fusion Reducing Cross

Used for multi-directional connections between pipes of different diameters.



PE BUTT-FUSION WATER FITTINGS

PE Branch Saddle Tee

It is used for adding branches to existing pipelines and supporting engineering transformation.



PE BUTT-FUSION WATER FITTINGS

HDPE Manifold

Used for HDPE pipeline distribution, collection and system connection.



PE BUTT-FUSION WATER FITTINGS

Female-Threaded Elbow

Used for pipeline steering connection and internal thread interface matching.

COMPLETE PRODUCT CATALOG | 03/05

PE Butt-Fusion Water Fittings

Closely related products are grouped for faster comparison without omitting individual product information.



PE BUTT-FUSION WATER FITTINGS

Female-Threaded Union

Used for pipeline connection, disassembly and maintenance, and supporting internal thread interfaces.



PE BUTT-FUSION WATER FITTINGS

30° Butt-Fusion Elbow

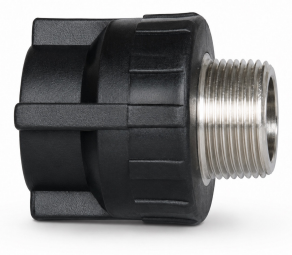
Used for PE pipe steering connection and engineering matching.



PE BUTT-FUSION WATER FITTINGS

60° Asymmetrical Y-Tee

Used for equal-diameter branching and asymmetric branch connections in pipelines.



PE BUTT-FUSION WATER FITTINGS

Male-Threaded Coupling

Used for pipeline straight connection and external thread interface matching.



PE BUTT-FUSION WATER FITTINGS

Male-Threaded Elbow

Used for pipeline steering connection and external thread interface matching.



PE BUTT-FUSION WATER FITTINGS

Male-Threaded Tee

Used for pipeline branch connections and external thread interface matching.

COMPLETE PRODUCT CATALOG | 04/05

PE Butt-Fusion Water Fittings

Related products are grouped together while every item retains its own image, name and description.



PE BUTT-FUSION WATER FITTINGS

Male-Threaded Union

Used for pipeline connection, disassembly, maintenance and external thread interface matching.



PE BUTT-FUSION WATER FITTINGS

60° symmetrical equal diameter Y tee

Used for equal-diameter splitting and symmetrical branch connections in pipelines.



PE BUTT-FUSION WATER FITTINGS

Ground source heat pump pipes and fittings

Used for hot-melt connection matching of ground source heat pump systems, heat exchange pipelines and PE Water Supply Pipelines.

COMPLETE PRODUCT CATALOG | 05/05

PE Electrofusion Water Fittings

Closely related products are grouped for faster comparison without omitting individual product information.



PE ELECTROFUSION WATER FITTINGS

Electrofusion Coupling

Used for linear electrofusion connection of PE pipes of the same diameter.



PE ELECTROFUSION WATER FITTINGS

Electrofusion Elbow

Used for PE pipe steering connection.



PE ELECTROFUSION WATER FITTINGS

Electrofusion Tee

Used for branch connections of PE pipes.



PE ELECTROFUSION WATER FITTINGS

Electrofusion Flange Adapter

Used for connecting PE pipes and flange structures.



PE ELECTROFUSION WATER FITTINGS

Electrofusion End Cap

Used for end sealing of PE pipes.



PE ELECTROFUSION WATER FITTINGS

Steel mesh skeleton electrofusion pipe fittings

Used for electric fusion connection of steel mesh skeleton composite pipe.

GENTAIN

06

PRODUCT PORTFOLIO

Cages & Floating Platforms

Eleven HDPE aquaculture and water-surface systems for farming, operations, monitoring, leisure and energy applications.

11 PRODUCTS



ENGINEERING CONFIGURATION

Circular Cage

The circular breeding system for offshore waters, lakes and reservoirs can be configured by combining netting, anchoring and operation methods.



STRUCTURAL FEATURES

Used for circular cages with a circumference below 60 m; website configurations extend through 80 m. The split I-frame and column structure supports straightforward installation and project matching.

- Marine-specific recyclable HDPE with high toughness and corrosion resistance
- Website states resistance to level 12 typhoons and 6 m waves
- Application water depth stated as -6 m to -50 m

STANDARD CONFIGURATION TABLE

Final configuration is confirmed against water conditions, farming scale and project requirements.

Circumference / size	Main tube OD	Handrail tube OD	Column / structure	Breeding area	I-frame spacing
40 m	250 mm	110 mm	125 mm	128 m2	2.0 m
50 m	250/315 mm	110 mm	125 mm	198 m2	2.0 m
60 m	250/315 mm	110 mm	125 mm	286 m2	2.0 m
80 m	315 mm	110 mm	125 mm	508 m2	2.0 m

PROJECT SUPPORT

Frame specifications, netting, platform configuration, anchoring, supply, installation and technical data support are coordinated around sea conditions, water depth, culture species and operating methods.

ENGINEERING CONFIGURATION

Square Cage

It supports four-square grid, six-square grid, nine-square grid and other combination forms, adapting to modern aquaculture and large-scale farming scenarios.



STRUCTURAL FEATURES

Square cages can use four-grid, six-grid, nine-grid and other combinations. The system emphasizes buoyancy stability, convenient installation and flexible project customization.

- Marine-specific recyclable HDPE with high strength and impact resistance
- Website states resistance to level 10 typhoons and 6 m waves
- Application water depth stated as -6 m to -300 m

STANDARD CONFIGURATION TABLE

Final configuration is confirmed against water conditions, farming scale and project requirements.

Circumference / size	Main tube OD	Handrail tube OD	Column / structure	Breeding area	I-frame spacing
4 x 4 m	200/250 mm	110 mm	125 mm	16 m2	2.0 m
5 x 5 m	200/250 mm	110 mm	125 mm	25 m2	2.0 m
6 x 6 m	250/315 mm	110 mm	125 mm	36 m2	2.0 m
8 x 8 m	250/315 mm	110 mm	125 mm	64 m2	2.0 m
10 x 10 m	315 mm	110 mm	125 mm	100 m2	2.0 m

PROJECT SUPPORT

Frame specifications, netting, platform configuration, anchoring, supply, installation and technical data support are coordinated around sea conditions, water depth, culture species and operating methods.

COMPLETE PRODUCT CATALOG | 01/05

Specialty Aquaculture Cage

Names, descriptions and product images are sourced from the official English website.



CAGES & FLOATING PLATFORMS

Specialty Aquaculture Cage

For the cultivation of abalone, shellfish and other marine treasures, the structure can be planned based on the breeding density, operating methods and sea area conditions.

Official English website product entry

ENGINEERING CONFIGURATION

Wave-Resistant HDPE Oyster Raft

The combination of continuous HDPE buoyancy tubes and modular farming units is suitable for nearshore, offshore and deep sea oyster farming.



SYSTEM OVERVIEW

Continuous black HDPE buoyancy tubes replace dispersed pontoons and form the main floating body. Modular farming units, working channels and guardrails support inspection, harvesting, maintenance and expansion.

- Continuous HDPE buoyancy-tube frame
- Modular oyster farming units
- Working channels, guardrails and maintenance space
- Project-specific mooring configuration

SYSTEM CONFIGURATION TABLE

Configuration item	Configuration direction
Applicable waters	Offshore harbors, inner bays and sea areas adapted through project assessment
Main floating body	Continuous HDPE buoyancy-tube frame
Breeding layout	Modular oyster farming units, extendable by combined scale
Operating package	Working channels, guardrails, connectors and maintenance space
Mooring plan	Confirmed against water depth, tidal current, wind, waves and sea-area boundaries

PROJECT SUPPORT

Buoyancy-tube frame, unit layout, harvesting access, anchoring, supply, installation and technical data are coordinated around sea conditions, water depth, breeding density and operating methods.

COMPLETE PRODUCT CATALOG | 02/05

Floating Solar & Breakwater Systems

Names, descriptions and product images are sourced from the official English website.



CAGES & FLOATING PLATFORMS

Floating Solar Platform

HDPE floating frames are used to carry photovoltaic arrays, with maintenance channels, component supports and project-based anchoring facilities reserved.



CAGES & FLOATING PLATFORMS

Floating Breakwater

The floating structure layout reduces the impact of water waves and provides protective supporting equipment for breeding areas, docks and water working spaces.

COMPLETE PRODUCT CATALOG | 03/05

Floating Access Systems

Names, descriptions and product images are sourced from the official English website.



CAGES & FLOATING PLATFORMS

Multifunctional Floating Bridge

The modular water channel connecting the shoreline, breeding units and operating platforms can be configured according to water level changes and usage functions.



CAGES & FLOATING PLATFORMS

Marina

A modular dock system for yacht berthing, embarkation and disembarkation, and water services. The layout can be planned according to berth and shoreline conditions.

COMPLETE PRODUCT CATALOG | 04/05

Operations & Research Platforms

Names, descriptions and product images are sourced from the official English website.



CAGES & FLOATING PLATFORMS

In-Water Net Cleaning Platform

Provide a centralized working space for net lifting, cleaning, inspection and maintenance, helping to improve the daily operation and maintenance efficiency of breeding equipment.



CAGES & FLOATING PLATFORMS

Floating Monitoring & Research Platform

It can integrate video surveillance, environmental monitoring, communication power supply and scientific research equipment to provide a platform for water management and breeding data collection.

COMPLETE PRODUCT CATALOG | 05/05

Waterfront Leisure Platform

Names, descriptions and product images are sourced from the official English website.



CAGES & FLOATING PLATFORMS

Waterfront Culture, Leisure & Fishing Platform

Integrating viewing, fishing, resting and water service functions, it can carry out overall planning for fishing tourism experience and waterfront leisure scenes.

Official English website product entry

ENGINEERING CONFIGURATION

Reinforced Offshore Aquaculture Cage

Large circular deep-sea systems for areas with strong wind, waves and frequent typhoons.



STRUCTURAL FEATURES

A strong-support integrated L-shaped bracket is used for large circular cages above 60 m circumference. Its conjoined I-frame structure is stronger than the split structure used by conventional configurations.

- Integrated L-shaped support bracket and conjoined I-frame
- Website states resistance above level 12 typhoons and waves above 6 m
- Investment positioned between conventional and heavy-duty structures

STANDARD CONFIGURATION TABLE

Final configuration is confirmed against water conditions, farming scale and project requirements.

Circumference / size	Main tube OD	Handrail tube OD	Column / structure	Breeding area	I-frame spacing
60 m	315 mm	110 mm	Conjoined	286 m2	<= 2.0 m
80 m	315/355 mm	125 mm	Conjoined	508 m2	<= 2.0 m
100 m	355/400 mm	125 mm	Conjoined	796 m2	<= 2.5 m
160 m	400/450 mm	125 mm	Conjoined	2038 m2	<= 2.5 m
200 m	450/500 mm	125 mm	Conjoined	3185 m2	<= 3.0 m
300 m	500 mm	125 mm	Conjoined	7165 m2	<= 3.0 m

PROJECT SUPPORT

Frame specifications, netting, platform configuration, anchoring, supply, installation and technical data support are coordinated around sea conditions, water depth, culture species and operating methods.

ENGINEERING CONFIGURATION

Heavy-Duty Offshore Cage

Large circular cages for open seas, distant waters and complex sea conditions.



STRUCTURAL FEATURES

The bracket uses hollow blow molding or rotational molding with internal PU filling. The three-legged super-strong conjoined structure is intended for large offshore cages above 80 m circumference.

- Three-legged super-strong conjoined I-frame structure
- Designed for complex open-sea conditions and strong wind and waves
- Website states use in Europe, the Americas, Africa and the Middle East

STANDARD CONFIGURATION TABLE

Final configuration is confirmed against water conditions, farming scale and project requirements.

Circumference / size	Main tube OD	Handrail tube OD	Column / structure	Breeding area	I-frame spacing
80 m	315/355 mm	125 mm	Conjoined	508 m2	<= 2.0 m
100 m	350/400 mm	125 mm	Conjoined	796 m2	<= 2.5 m
160 m	400/450 mm	125 mm	Conjoined	2038 m2	<= 2.5 m
200 m	450/500 mm	125 mm	Conjoined	3185 m2	<= 3.0 m
300 m	500/630 mm	125 mm	Conjoined	7165 m2	<= 3.0 m

PROJECT SUPPORT

Frame specifications, netting, platform configuration, anchoring, supply, installation and technical data support are coordinated around sea conditions, water depth, culture species and operating methods.

ENGINEERING CONFIGURATION

Leisure Fishing Platform

A water platform integrating aquaculture, leisure fishing and tourism.



STRUCTURAL FEATURES

Designed for offshore waters, lakes and reservoirs, with square or circular configurations below 160 m circumference. Wide passages, anti-slip panels and multi-level guardrails support visitor and operator movement.

- Combines farming, recreational fishing, tourism and water services
- Full-circle deck and wide working aisle
- Anti-slip panels with two or three rings of guardrails

STANDARD CONFIGURATION TABLE

Final configuration is confirmed against water conditions, farming scale and project requirements.

Circumference / size	Main tube OD	Handrail tube OD	Column / structure	Breeding area	I-frame spacing
40 m	250 mm	110 mm	150 mm	100/128 m2	<= 2.0 m
60 m	250/315 mm	110 mm	150 mm	225/286 m2	<= 2.0 m
90 m	315/355 mm	110 mm	150 mm	506/645 m2	<= 2.0 m
120 m	355/400 mm	110 mm	150 mm	900/1146 m2	<= 2.0 m
160 m	400 mm	110 mm	150 mm	1600/2038 m2	<= 2.0 m

PROJECT SUPPORT

Frame specifications, netting, platform configuration, anchoring, supply, installation and technical data support are coordinated around sea conditions, water depth, culture species and operating methods.

SELECTED ENGINEERING PROJECTS

Products and support in real project scenarios.

Requirement communication, material supply, installation guidance, customization and after-sales response.



Jiangnan University

PVC drainage, HDPE siphon pipe, Y-tees, elbows and reducers for school construction.



Jiangyin Rural Sewage

Multi-type pipe and fitting supply, site coordination and service response for rural sewage treatment.



Ningbo Water Engineering

PE drainage pipe in 500-630 mm diameters with matching hot-melt elbows and support.



Zhangjiagang Rural Sewage

PE100 pipe supply, specification communication, construction cooperation and after-sales service.

HONORS & CERTIFICATIONS

Certified systems. Assured quality.

Four management and market credentials presented at a clear, readable scale.



Quality Management



Environmental Management



Occupational Health & Safety



European Attestation



RECOGNITION & COLLABORATION

Standards, research and industry cooperation.

Manufacturing and testing capabilities connected with associations, universities, material suppliers, design institutes and engineering organizations.

CNAS
Experimental testing capability

8
National and industry standards participated in

20+
Years of development and accumulation

RECOGNITIONS & MEMBERSHIPS

- AAA-level Contract-abiding and Credit-worthy Enterprise
- Jiangsu Province New Plastic Pipes and Accessory Devices Engineering Technology Research Center
- Mayor Quality Award and Postdoctoral Workstation
- Governing unit of China Plastics Processing Association and China Industrial Anti-Corrosion Technology Association
- Group member of China City Gas Association and executive vice-president unit of Jiangsu Plastics Processing Association

RESEARCH & INDUSTRY COOPERATION

Research ecosystem

Long-term research with domestic universities, raw-material application work with major upstream manufacturers, and project cooperation with design institutes at provincial level and above.

Project ecosystem

Product consultation, specification coordination, supply cooperation and engineering support for contractors, utilities, operators and overseas partners.

LONG-TERM PROJECT VALUE

Reliable materials and durable cooperation.

Sustainability through material selection, quality control, engineering longevity and project service.



01 MATERIAL SAFETY

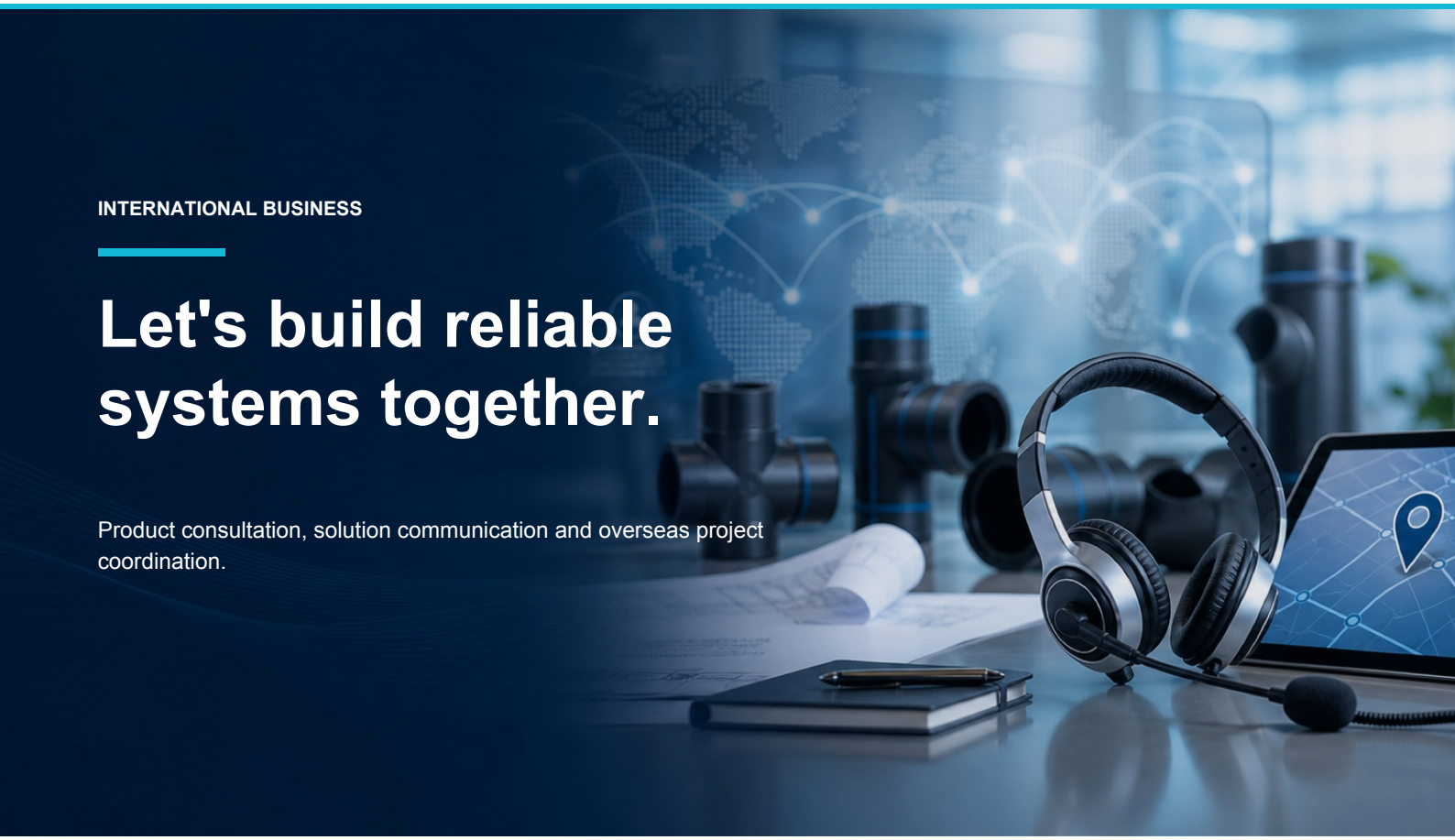
PE systems support hygienic performance, corrosion resistance and stable use across water, municipal and gas scenarios.

02 ENGINEERING LONGEVITY

Raw-material control, process testing and factory inspection support long-term project operation.

COOPERATION MODEL

- Distributors and regional market partners
- Contractors, design institutes and engineering organizations
- Water utilities, gas operators and infrastructure developers
- Aquaculture operators, marine ranching and floating-platform developers
- Project-specific supply and engineering support



INTERNATIONAL BUSINESS

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