



# HUADA

## POLYESTER PLASTIC

GOOD PRODUCT BETTER SERVICE BEST CHOICE

Product introduction



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## OUR COMPANY

Jiangyin Huada was established in **2003** and is a pioneering force in the plastic pipe industry, integrating professional research and development, production, testing, and sales of products and accessories. From customized design and production to procurement, installation, and after-sales maintenance, we can provide customers with a comprehensive one-stop shopping experience. Our product system is complete and diverse, and our products are exported to more than **30** countries and regions, including Western Europe, East Africa, Southeast Asia, North America, and the Middle East.

Our pipes meet various standards and certifications, including independent test reports from third-party institutions, ensuring high quality. We have the strength to undertake and successfully complete many high-level projects at home and abroad, such as the Bangladesh Nuclear Power Plant, the Belgian Telecommunications Pipeline Network, and Beijing Daxing Airport. We are widely trusted by users at home and abroad.

We prioritize product quality and take great care in selecting premium materials. With pipe diameters ranging from **20mm** to **1600mm**, we can provide precise solutions for both small-scale engineering projects and large-scale undertakings. Due to our unwavering commitment to the pipeline industry and our importance on product quality, our brand has gradually gained recognition, and our products have earned the trust and praise of numerous customers.

# 01 COMPANY INTRODUCTION





# 02 PRODUCT INTRODUCTION



## HDPE Pipe



# HDPE Pipe

## Short Description

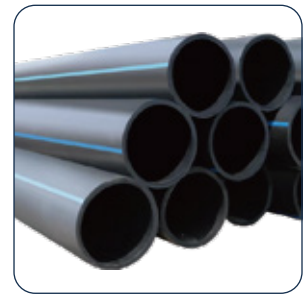
HDPE pipe, also known as PEHD pipe, is a kind of polyethylene pipe for water supply which is extruded and formed with polyethylene resin as the main raw material.

As the main component of the water pipeline, HDPE pipe is mainly used in the pressure water supply, drinking water delivery and other occasions.

HDPE pipe has the characteristics of good flexibility, strong corrosion resistance, light weight, excellent impact resistance, safety and reliability, low construction cost, etc., and plays an increasingly important role in engineering projects.

It is worth to be noticed that the temperature of the liquid transported by the HDPE pipeline cannot exceed 40°C. In general, HDPE pipeline is connected by heat fusion or electro-fusion devices.

For safety, we recommend consumers to purchase and install under the guidance of professional engineers.



## product information

**Name:** HDPE Pipe

**Material:** HDPE PE100 (100% virgin material)

**Pressure level:** PN16 SDR11, PN12.5 SDR13.6, PN10 SDR17, PN8 SDR21, PN6 SDR26

**Jointing:** Welding, Elector-fusion

**Color:** Black, Blue, etc. (Support color customization)

**Standards:** ISO4427, EN 12201, EN 1555, GB/T 13663.2

**Brand:** New Golden Ocean

**Origin:** Jiangsu, China

**Diameter:** DN20-DN1600

## HDPE PIPE DIMENSIONS

Standard:ISO 4427;EN 12201-2;GB/T 13663.2

Pressure	PN1.6MPa	PN1.25MPa	PN1.0MPa	PN0.8MPa	PN0.6MPa
	SDR 11	SDR 13.6	SDR 17	SDR 21	SDR 26
DN/mm	ODxWall thickness	ODxWall thickness	ODxWall thickness	ODxWall thickness	ODxWall thickness
20	20×2.3				
25	25×2.3				
32	32×3.0				
40	40×3.7				
50	50×4.6				
63	63×5.8	63×4.7			
75	75×6.8	75×5.6	75×4.5		
90	90×8.2	90×6.7	90×5.4	90×4.3	
110	110×10.0	110×8.1	110×6.6	110×5.3	110×4.2
125	125×11.4	125×9.2	125×7.4	125×6.0	125×4.8
140	140×12.7	140×10.3	140×8.3	140×6.7	140×5.4
160	160×14.6	160×11.8	160×9.5	160×7.7	160×6.2
180	180×16.4	180×13.3	180×10.7	180×8.6	180×6.9
200	200×18.2	200×14.7	200×11.9	200×9.6	200×7.7
225	225×20.5	225×16.6	225×13.4	225×10.8	225×8.6
250	250×22.7	250×18.4	250×14.8	250×11.9	250×9.6
280	280×25.4	280×20.6	280×16.6	280×13.4	280×10.7
315	315×28.6	215×23.2	315×18.7	315×15.0	315×12.1
355	355×32.2	355×26.1	355×21.1	355×16.9	355×13.6
400	400×36.3	400×29.4	400×23.7	400×19.1	400×15.3
450	450×40.9	450×33.1	450×26.7	450×21.5	450×17.2
500	500×45.4	500×36.8	500×29.7	500×23.9	500×19.1
560	560×50.8	560×41.2	560×33.2	560×26.7	560×21.4
630	630×57.2	630×46.3	630×37.4	630×30	630×24.1
710	710×64.5	710×52.2	710×42.1	710×33.9	710×27.2
800	800×72.2	800×58.8	800×47.4	800×38.1	800×30.6
900	900×81.8	900×66.2	900×53.3	900×42.9	900×34.4
1000	1000×90.2	1000×72.5	1000×59.3	1000×47.7	1000×38.2
1200		1200×88.2	1200×67.9	1200×57.2	1200×45.9
1400		1400×102.9	1400×82.4	1400×66.7	1400×53.5
1500		1500×110.2	1500×88.2	1500×71.4	1500×57.6
1600		1600×117.6	1600×94.1	1600×76.2	1600×61.2



# Steel Reinforced Composite Pipe (HDPE)

## Short Description

HDPE Steel reinforced thermoplastics composite pipe (SRTP pipe), also known as PEHD steel wire mesh frame composite pipe, is made of HDPE as the base material and a layer of steel wire wound mesh formed by winding high-strength steel wire as the skeleton reinforcement.

Besides, with the addition of high-performance adhesive materials, the skeleton reinforcement of the pipe and the inner and outer plastic layers are mutually contained to form a tightly connected whole, without the worries about separation.

Therefore, the SRTP pipe overcomes the respective disadvantages of steel and plastic pipes, while maintaining their own advantages. The excellent performance characteristics make SRTP pipe suitable for long-distance buried water supply, fire pipelines and other occasions.

The fittings matched with SRTP pipe are HDPE electrofusion fittings. During welding period, the outer plastic of SRTP tube is fused together with the inner plastic of the pipe fitting, ensuring the connection is sealed and reliable. For safety, we recommend consumers to purchase and install under the guidance of professional engineers.



## product information

**Name:** HDPE SRTP pipe

**Material:** HDPE PE100 (100% virgin material), Steel Wire

**Pressure level:** PN8, PN10, PN16, PN20, PN25, PN35

**Jointing:** Welding

**Color:** Black, Blue, etc. (Support color customization)

**Standards:** GB/T 32439-2015

**Brand:** New Golden Ocean

**Origin:** Jiangsu, China



Steel wire mesh frame HDPE composite pipe					
Size	Pressure level	Size	Pressure level	Size	Pressure level
φ110	PN10 SDR17	φ50	PN16 SDR11	φ50	PN2 SDR9
φ125	PN10 SDR17	φ63	PN16 SDR11	φ63	PN2 SDR9
φ140	PN10 SDR17	φ75	PN16 SDR11	φ75	PN2 SDR9
φ160	PN10 SDR17	φ90	PN16 SDR11	φ90	PN2 SDR9
φ200	PN10 SDR17	φ110	PN16 SDR11	φ110	PN2 SDR9
φ225	PN10 SDR17	φ125	PN16 SDR11	φ125	PN2 SDR9
φ250	PN10 SDR17	φ140	PN16 SDR11	φ140	PN2 SDR9
φ280	PN10 SDR17	φ160	PN16 SDR11	φ160	PN2 SDR9
φ315	PN10 SDR17	φ200	PN16 SDR11	φ200	PN2 SDR9
φ355	PN10 SDR17	φ225	PN16 SDR11	φ225	PN2 SDR9
φ400	PN10 SDR17	φ250	PN16 SDR11	φ250	PN2 SDR9
φ450	PN10 SDR17	φ280	PN16 SDR11	φ280	PN2 SDR9
φ500	PN10 SDR17	φ315	PN16 SDR11	φ315	PN2 SDR9
φ560	PN10 SDR17	φ355	PN16 SDR11		
φ630	PN10 SDR17	φ400	PN16 SDR11		
φ710	PN10 SDR17	φ450	PN16 SDR11		
φ800	PN10 SDR17	φ500	PN16 SDR11		
		φ560	PN16 SDR11		
		φ630	PN16 SDR11		





# HDPE pipe fittings

## HDPE socket and butt fusion

### product information

**Material:** HDPE PE100 (100% virgin material)

**Pressure level:** PN10 SDR17, PN12.5 SDR13.6, PN16 SDR11

**Jointing:** Welding

**Color:** Black, Blue, etc. (Support color customization)

**Standards:** ISO4427, EN 12201, EN 1555, GB/T 13663.3

**Brand:** New Golden Ocean

**Origin:** Jiangsu, China



Coupling

Diameter:  
DM20-DM110



Reducing Coupling

Diameter:  
DM25-20-DM400-355



Equal Tee

Diameter:  
DM20-DM1200



Reducing Tee

Diameter:  
DM20-DM630



Cross tee

Diameter:  
DM63-DM630



Reducing Cross Tee

Diameter:  
DM110-63-DM450-315



90 Degree Elbow

Diameter:  
DM20-DM1200



45 Degree Elbow

Diameter:  
DM20-DM1200



22.5 Degree Elbow

Diameter:  
DM110-DM1200



Flange Gasket

Diameter:  
DM50-DM1200



Flange

Diameter:  
DM20-DM1200



Blind Flange

Diameter:  
DM63-DM400



● Stub End  
Diameter:  
DM20-DM1200



● End Cap  
Diameter:  
DM20-DM630



● Steel Core Ball Valve  
Diameter:  
DM20-DM110



● Globe Valve  
Diameter:  
DM20-DM110



● Transition Fittings  
Diameter:  
DM20-DM110



● Hough Section  
Diameter:  
DM50-DM630



● Saddle clamp  
Diameter:  
DM110-63-DM315-250



● Water Separator  
Diameter:  
DM120-4-1/2"-DM120-6-3/4"



● Male adaptor  
Diameter:  
DM20-DM110



● Male Tee  
Diameter:  
DM20-DM110



● Male elbow  
Diameter:  
DM20-DM110



● Female elbow  
Diameter:  
DM20-DM110



● Female Tee  
Diameter:  
DM20-DM110



● Female adaptor  
Diameter:  
DM20-DM110



● Union  
Diameter:  
DM20-DM110



## HDPE Electrofusion Pipe Fittings

### product information

**Material:** HDPE PE100 (100% virgin material), Copper

**Pressure level:** PN16 SDR11

**Jointing:** Electro-fusion

**Color:** Black, Blue, etc. (Support color customization)

**Standards:** ISO4427, EN 12201, EN 1555, GB/T 13663.3

**Brand:** New Golden Ocean

**Origin:** Jiangsu, China



● Electrofusion Coupling

Diameter:  
DM25-DM800



● Electrofusion Reducing Coupling

Diameter:  
DM32-25-DM400-315



● Electrofusion Tee

Diameter:  
DM32-DM500



● Electrofusion Reducing Tee

Diameter:  
DM32-25-DM400-315



● Electrofusion 90 Degree Elbow

Diameter:  
DM32-DM630



● Electrofusion 45 Degree Elbow

Diameter:  
DM50-DM630



● Electrofusion Stud End

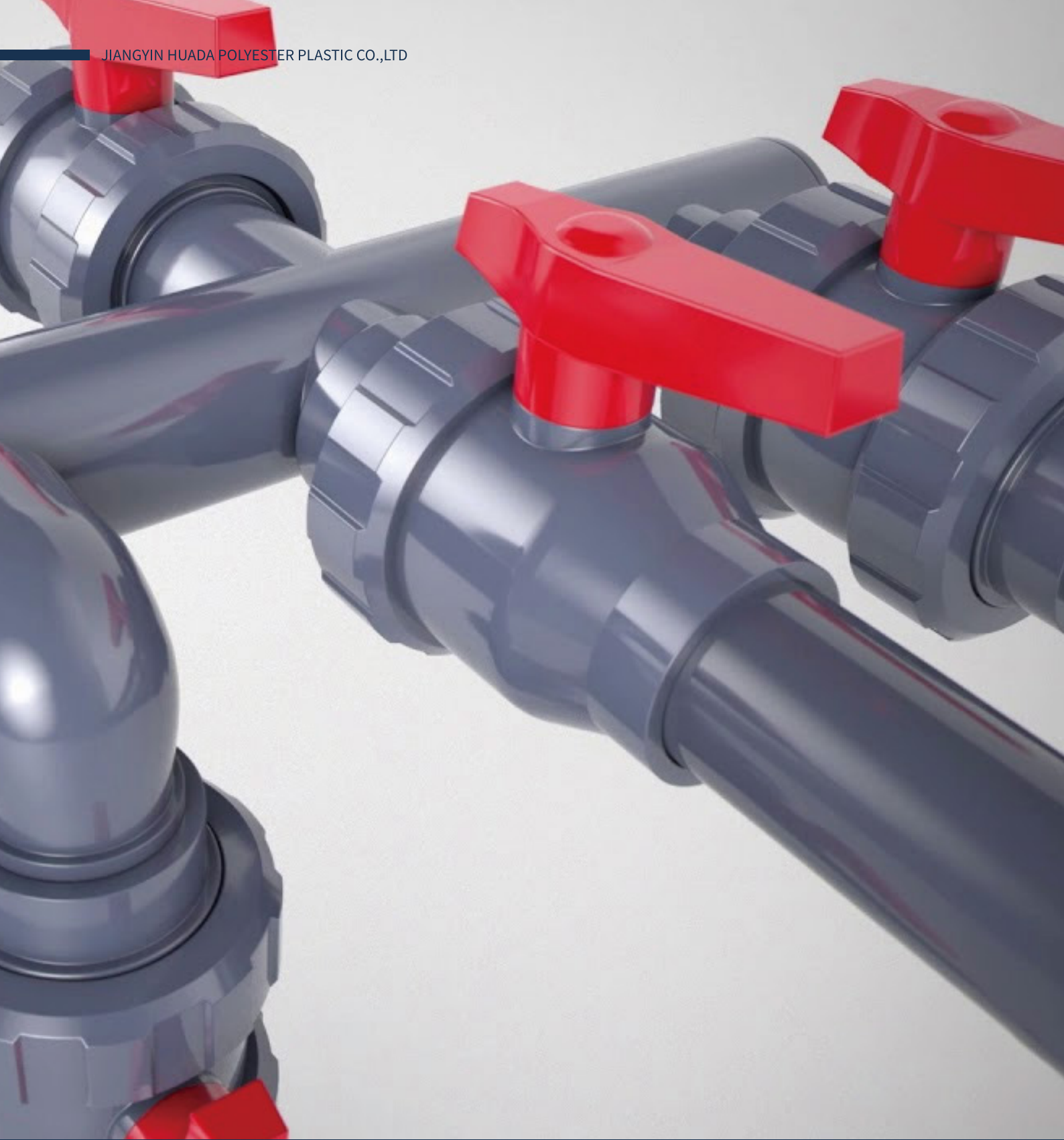
Diameter:  
DM50-DM800



● Electrofusion End Cap

Diameter:  
DM50-DM250





# 03 PRODUCT INTRODUCTION

## PVC Pipe





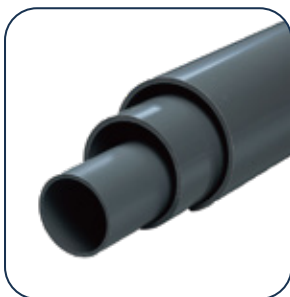
# PVC pipe

## Short Description

PVC pipes, crafted from polyvinyl chloride (PVC) resin, stand out as a lightweight, corrosion-resistant, easily installable, and cost-effective piping material. They find extensive applications in diverse fields, including building drainage, agricultural irrigation, industrial water supply, and various other water treatment applications. Leveraging its advantages of lightweight construction, corrosion resistance, ease of installation, and cost-effectiveness, PVC pipes hold a pivotal role in drainage and water supply systems.

The simplicity of PVC pipe connections, achieved through socket joint, solvent weld joint (SWJ), cement jointing, and flanging, significantly reduces installation complexities and costs. Consequently, PVC pipes have emerged as one of the most commonly used materials in rainwater discharge and sewage disposal projects. Moreover, their extended lifespan ensures a long-term solution for the needs of water supply and drainage. Maintenance for PVC pipes is straightforward, which only requires periodic checks for leaks at connection points and ensures the continuous functionality of the pipelines.

Jiangyin Huada offers a range of common specifications for PVC pipes, spanning from DN20 to DN630. These figures represent the pipe diameter in millimeters. Standard lengths include 4m, 6m, and 9m, with the option for special customization according to customer requirements. PVC pipes are also available in various pressure ratings, such as 0.63MPa, 0.8MPa, and 1.0MPa, catering to different pressure demands in diverse applications. Jiangyin Huada's commitment to providing a range of specifications, lengths, and pressure ratings underscores its dedication to meeting the diverse needs of customers in the construction industry.



PVC-U pipe



PVC-U pipe



PVC-U pipe



PVC-O pipe

## product information

**Name:** Polyvinyl Chloride (PVC) Pipe

**Material:** PVC (100% virgin material)

**Pressure level:** 0.63MPa, 0.8MPa, 1.0MPa, 1.25MPa, 1.6Mpa, 2.0Mpa, 2.5Mpa

**Jointing:** socket, solvent welding (SWJ), cement jointing, flanging, etc.

**Color:** white, grey (support color customization)

**Standards:** ISO4422, GB/T 5836.2-2006

**Brand:** New Golden Ocean

**Origin:** Jiangsu, China

**Diameter:** DN20-DN630

# PVC PIPE DIMENSIONS

Pressure	0.63MPa	0.8MPa	1.0MPa	1.25MPa	1.6MPa	2.0MPa	2.5MPa
OD/mm	OD* thickness	OD* thickness	OD* thickness	OD* thickness	OD* thickness	OD* thickness	OD* thickness
20						20*2.0	20*2.3
25					25*2.0	25*2.3	25*2.8
32				32*2.0	32*2.4	32*2.9	32*3.6
40			40*2.0	40*2.4	40*3.0	40*3.7	40*4.5
50		50*2.0	50*2.4	50*3.0	50*3.7	50*4.6	50*5.6
63	63*2.0	63*2.5	63*3.0	63*3.8	63*4.7	63*5.8	63*7.1
75	75*2.3	75*2.9	75*3.6	75*4.5	75*5.6	75*6.9	75*8.4
90	90*2.8	90*3.5	90*4.3	90*5.4	90*6.7	90*8.2	90*10.1
110	110*2.7	110*3.4	110*4.2	110*5.3	110*6.6	110*8.1	110*10.0
125	125*3.1	125*3.9	125*4.8	125*6.0	125*7.4	125*9.2	125*11.4
140	140*3.5	140*4.3	140*5.4	140*6.7	140*8.3	140*10.3	140*12.7
160	160*4.0	160*4.9	160*6.2	160*7.7	160*9.5	160*11.8	160*14.6
180	180*4.4	180*5.5	180*6.9	180*8.6	180*10.7	180*13.3	180*16.4
200	200*4.9	200*6.2	200*7.7	200*9.6	200*11.9	200*14.7	200*18.2
225	225*5.5	225*6.9	225*8.6	225*10.8	225*13.4	225*16.6	
250	250*6.2	250*7.7	250*9.6	250*11.9	250*14.8	250*18.4	
280	280*6.9	280*8.6	280*10.7	280*13.4	280*16.6	280*20.6	
315	315*7.7	315*9.7	315*12.1	315*15.0	315*18.7	315*23.2	
355	355*8.7	355*10.9	355*13.6	355*16.9	355*21.1	355*26.1	
400	400*9.8	400*12.3	400*15.3	400*19.1	400*23.7	400*29.4	
450	450*11.0	450*13.8	450*17.2	450*21.5	450*26.7	450*33.1	
500	500*12.3	500*15.3	500*19.1	500*23.9	500*29.7	500*36.8	
560	560*13.7	560*17.2	560*21.4	560*26.7			
630	630*15.4	630*19.3	630*24.1	630*30.0			





# PVC pipe fittings



● PVC Equal Coupling

Diameter:  
DM20-DM400



● PVC Reducing Coupling

Diameter:  
DM20-DM400



● PVC Equal Tee

Diameter:  
DM20-DM400



● PVC Reducing Tee

Diameter:  
DM20-DM400



● PVC 90 Degree Elbow

Diameter:  
DM20-DM400



● PVC 45 Degree Elbow

Diameter:  
DM20-DM400



● PVC End Cap

Diameter:  
DM20-DM400



● PVC Hough Section

Diameter:  
DM63-DM400



● PVC Saddle Clamp

Diameter:  
DM63-DM400



● PVC Transition Joints

Diameter:  
DM20-DM160



● PVC Flange

Diameter:  
DM50-DM400



● PVC Ball Valve

Diameter:  
DM25-DM110

## product information

**Material:** PVC (100% virgin material)

**Pressure level:** 1.0MPa, 1.6Mpa

**Joining:** socket, solvent welding (SWJ), cement jointing, flanging, etc.

**Color:** white, grey (support color customization)

**Standards:** ISO4422, GB/T 5836.2-2006

**Brand:** New Golden Ocean

**Origin:** Jiangsu, China



# 04 PRODUCT INTRODUCTION



## PVDF Pipe



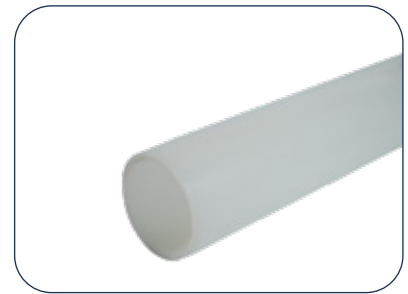
# PVDF pipe

## Short Description

Jiangyin Huada's PVDF Pipes, crafted through advanced hot extrusion molding technology, stand as a pinnacle in high-quality piping solutions. Our production method ensures a seamless, one-time molding process, contributing to the pipes' robustness and reliability. Our pipes and fittings have the characteristics of corrosion resistance, formidable toughness, high-temperature endurance, thermal stability, minimal shrinkage, low gas permeability, and an extended lifespan.

Widely applied in chemical engineering, semiconductor manufacturing, mining and metallurgy, sanitary engineering, and electroplating industries, Jiangyin Huada's PVDF Pipes have gained immense popularity due to their versatile performance. The pipes' impeccable attributes are further enhanced by the advanced safety grade of the PVDF raw material, showcasing exceptional resistance to UV aging, water hydrolysis, and impact. Certified with ISO10931, the quality assurance of Jiangyin Huada's PVDF pipes instills confidence in our extensive application across various engineering projects.

Huada goes beyond standard offerings by providing customized connection solutions for different pipe types and fittings, aligning with diverse project designs and requirements. This commitment to flexibility enhances customer satisfaction and loyalty. Jiangyin Huada's PVDF pipes and fittings not only excel in performance but also exemplify our company's dedication to providing reliable, innovative, and tailored solutions for a wide array of applications.



## product information

**Name:** PVDF Pipe

**Material:** PVDF (100% virgin material)

**Pressure level:** 1.0MPa ,1.6MPa ,2.0MPa

**Jointing:** Welding

**Diameter:** DN16-DN630

**Color:** White

**Standards:** ISO10931

**Brand:** New Golden Ocean

**Origin:** Jiangsu, China



# PVDF PIPE DIMENSIONS

Outside diameter (mm)	1.0MPa		1.6MPa		2.0MPa	
	S (mm)	Weight (kg/m)	S (mm)	Weight (kg/m)	S (mm)	Weight (kg/m)
16			1.5	0.136	1.5	0.136
20			1.9	0.21	1.9	0.21
25			1.9	0.27	1.9	0.27
33			2.4	0.44	2.4	0.44
42		0.93	2.4	0.56	2.4	0.56
50		1.11	2.9	0.82	2.9	0.82
63	2.5	1.49	3	1.09	3.6	1.299
75	2.5	2.27	3.6	1.56	4.3	1.858
90	2.8	2.88	4.3	2.23	5.1	2.63
110	3.2	3.64	5.3	3.34	6.3	3.971
125	3.9	4.72				
140	4.4	7.95				
160	5	7.32				
180	5.6	9.154				
200	6.2	10.888				
225	7.1	13.639				
250	7.6	17.329				
280	8.5	21.97				
315	9.6	27.965				
355	10.8	35.329				
400	12.2	43.552				
450	13.7	54.554				
500	15.2	68.995				
560	17					
630	19.1					



# PVDF pipe fittings



● PVDF Reducing Coupling

Diameter:  
DM20X15-DM100X80



● PVDF Equal Tee

Diameter:  
DM32-DM600



● PVDF 45 Degree Elbow

Diameter:  
DM32-DM630



● PVDF 90 Degree Elbow

Diameter:  
DM75-DM630



● PVDF Flat Flange

Diameter:  
DM20-DM800



● PVDF Looper Flange

Diameter:  
DM32-DM630



● PVDF Weld Neck Flange

Diameter:  
DM32-DM630

## product information

**Material:** PVDF (100% virgin material)

**Pressure level:** 0.6MPa ,1.0MPa

**Jointing:** Welding,Socket

**Color:** White

**Standards:** ISO10931

**Brand:** New Golden Ocean

**Origin:** Jiangsu, China



江阴市华达滌塑有限公司  
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