鑫万捷®

PRODUCT CATALOG

Professional Pipe Manufacturer from China







INNER MONGOLIA WANJIE PLASTIC MANUFACTURING CO.,LTD

COMPANY INTRODUCTION

INNER MONGOLIA WANJIE PLASTIC MANUFACTURING CO.,LTD

Founded in 2015, our headquarters is located in Baotou, Inner Mongolia Autonomous Region, China. We have branches and warehouses in Baoding City, Hebei Province and Linyi City, Shandong Province. We are an original manufacturer of plastic pipes. Equipped with in-house technical teams, production workshops and laboratories, we are a high-tech enterprise focusing on supplying high-quality, high-performance plastic pipeline systems for municipal engineering, agricultural irrigation, construction engineering and other sectors.

Upholding the core philosophy of “Technology Empowerment, Quality Oriented”, we have built solid technical expertise and become one of the major plastic pipe suppliers in Northern China. We maintain in-depth cooperation with State Grid Corporation of China and residential water supply departments of multiple local governments.

The company continuously introduces advanced production equipment, improves quality control and after-sales service systems. We have obtained ISO9001:2015 Quality Management System Certification and multiple technical compliance certificates. Our product portfolio covers multiple series including PVC-U water supply and drainage pipes, PE water supply pipes, HDPE double-wall corrugated pipes and MPP cable conduits. These products are widely used in urban & rural water supply, farmland water conservancy, power & communication, municipal pipe networks and other engineering fields. Our products sell well across China and are exported to Mongolia, Russia, Central Asia, the Middle East, Africa, Southeast Asia and other countries and regions.

We hold multiple core invention patents and have been recognized as a Specialized, Refined, Differential and Innovative Small & Medium-sized Enterprise, Technology-based SME and High-tech Enterprise in Inner Mongolia Autonomous Region, China.



















PE WATER SUPPLY PIPES

APPLICATION SCOPE

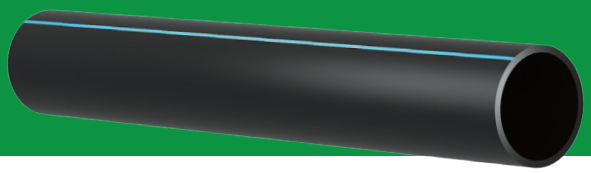
Urban municipal tap water supply engineering

Domestic water supply systems for residential communities

Water delivery projects for agricultural irrigation

Rural drinking water renovation projects

Industrial water supply and drainage supporting projects





PRODUCT OVERVIEW

PE water supply pipes feature high toughness, excellent flexibility, corrosion resistance, environmental friendliness and non-toxicity. Suitable for various water supply and drainage scenarios, they serve as the mainstream pipeline solution for municipal engineering, civil construction, agricultural irrigation and industrial water delivery projects, and are widely used in global infrastructure projects.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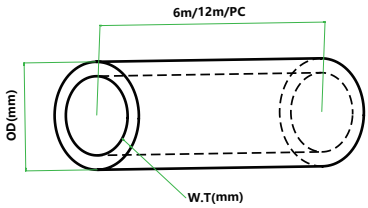
TEST REPORT





Coil	OD（mm）
	20
	25
	32
	40

PE WATER SUPPLY PIPES PRODUCT SPECIFICATIONS

Length per piece : 6m/12m /pc

OD (mm)		20	25	32	40	50	63	75	90	110	125	140	160
SDR	PN	W. T	W. T	W. T	W. T	W. T	W. T	W. T	W. T	W. T	W. T	W. T	W. T
11	1. 6Mpa	2.3	2.3	3.0	3.7	4.6	5.8	6.8	8.2	10.0	11.4	12.7	14.6
13. 6	1. 25Mpa					3.5	4.7	5.6	6.7	8.1	9.2	10.3	11.8
17	1. 0Mpa						3.5	4.5	5.4	6.6	7.4	8.3	9.5
21	0. 8Mpa								4.3	5.3	6.0	6.7	7.7
26	0. 6Mpa									4.2	4.8	5.4	6.2
OD (mm)		180	200	225	250	280	315	355	400	450	500	560	630
SDR	PN	W. T	W. T	W. T	W. T	W. T	W. T	W. T	W. T	W. T	W. T	W. T	W. T
11	1. 6Mpa	16.4	18.2	20.5	22.7	25.4	28.6	32.2	36.3	40.9	45.4	50.8	57.2
13. 6	1. 25Mpa	13.3	14.7	16.6	18.4	20.6	23.2	26.1	29.4	33.1	36.8	41.2	46.3
17	1. 0Mpa	10.7	11.9	13.4	14.8	16.6	18.7	21.1	23.7	26.7	29.7	33.2	37.4
21	0. 8Mpa	8.6	9.6	10.8	11.9	13.4	15.0	16.9	19.1	21.5	23.9	26.7	30.0
26	0. 6Mpa	6.9	7.7	8.6	9.6	10.7	12.1	13.6	15.3	17.2	19.1	21.4	24.1

Nominal Outer Diameter (OD) ; Nominal Wall Thickness (W.T) ; Nominal Pressure (PN) ; Standard Dimension Ratio (SDR).

MPP

MODIFIED POLYPROPYLENE CABLE CONDUIT



APPLICATION SCOPE

Urban power grid upgrading and renovation projects

Municipal road power cable laying projects

Power supporting projects for highways, tunnels and rail transit

Power distribution pipeline projects for industrial parks

New rural construction and rural power renovation projects



PRODUCT OVERVIEW

Modified Polypropylene Cable Conduit (MPP) is extruded from high-quality modified polypropylene materials. It features high strength, strong pressure resistance, reliable insulation, outstanding aging resistance and excellent toughness. Suitable for both trenchless pipe-jacking and direct-buried installation, it is professionally designed for power cable protection and widely recognized as a standard conduit for urban power grids, municipal infrastructure and traffic power projects.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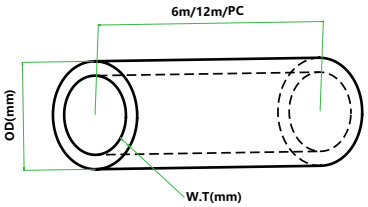
TEST REPORT





MPP CABLE CONDUIT PRODUCT SPECIFICATIONS						
Length per piece : 6m/12m /pc						
OD (mm)						
50	75	90	110	125	160	200
W.T (mm)	W.T (mm)	W.T (mm)	W.T (mm)	W.T (mm)	W.T (mm)	W.T (mm)
3.0	3.0	3.0	5.0	4.0	6.0	5.0
			6.0	5.0	8.0	6.0
			8.0	6.0	10.0	8.0
			10.0			10.0
						12.0
						14.0
						16.0
Nominal Outer Diameter (OD);Nominal Wall Thickness (W.T);Length per piece (6m/12m)						

UPVC

WATER SUPPLY AND DRAINAGE PIPES



APPLICATION SCOPE

Civil Building Water Supply and Drainage Projects

Municipal Sewage and Rainwater Pipeline Projects

Residential and Commercial Park Pipe Network Systems

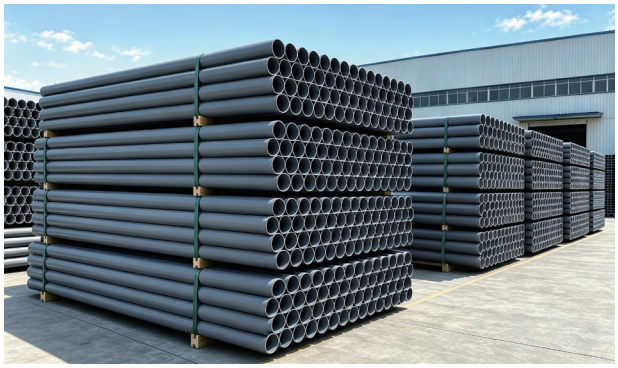
Industrial Fluid Transportation and Sewage Projects

Farmland Irrigation and Landscape Water Supply Projects

PRODUCT OVERVIEW

UPVC Water Supply and Drainage Pipes are made of high-quality rigid PVC. Featuring smooth inner wall, high hardness, good sealing, corrosion resistance, aging resistance, flame retardancy and insulation, the pipes are easy to install without anti-corrosion treatment. They resist scaling and blockage with high cost performance, widely used in buildings, municipal pipe networks, industrial sewage and farmland water-saving projects.serving as high-cost-effectiveness pipes for global water engineering.



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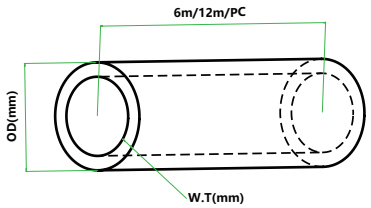

UPVC WATER SUPPLY AND DRAINAGE PIPES PRODUCT SPECIFICATIONS

Length per piece : 6m/12m /pc

OD (mm)	50	63	75	90	110	125	140	160	200
PN	W. T	W. T	W. T	W. T	W. T	W. T	W. T	W. T	W. T
0. 4Mpa			1.5	1.8	2.2	2.5	2.8	3.2	3.9
0. 63Mpa		2.0	2.3	2.8	2.7	3.1	3.5	4.0	4.9
0. 8Mpa	2.0	2.5	2.9	3.5	3.4	3.9	4.3	4.9	6.2
1. 0Mpa	2.4	3.0	3.6	4.3	4.2	4.8	5.4	6.2	7.7
1. 25Mpa	3.0	3.8	4.5	5.4	5.3	6.0	6.7	7.7	9.6
1. 6Mpa	3.7	4.7	5.6	6.7	6.6	7.4	8.3	9.5	11.9

Nominal Outer Diameter (OD); Nominal Wall Thickness (W.T) ; Nominal Pressure (PN) ; Length per piece(6m/pc)

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