KANGTAI PIPE
Solution Provider For Plumbing Systems



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Municipal Construction

Focus On Building Materials Over 20 Years

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KANGTAI PIPE
Solution Provider For Plumbing Systems

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KANGTAI PLASTIC SCIENCE & TECHNOLOGY GROUP CO.,LTD



Chengdu Headquarters



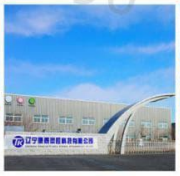
Zhejiang



Henan



HeBei



liaoning



Guangdong

Production Base	Equipments	Specifications	Annual Capacity	Registered Capital	Assets Capital
6	1000+ sets	10000+	80+ Thousand Tons	284 Millions rmb	2+ Billions rmb

Kangtai Pipe is founded in 1999, located in Chongzhou, China. Kangtai has taken the pipe industry as the core more than 20 years, and has became one of the largest manufactorers of plastic building materials in China.

Our 6 main production bases are distributed in 6 provinces across China. There are lots of distributors and own logistics teams. which provides interconnected service across China.

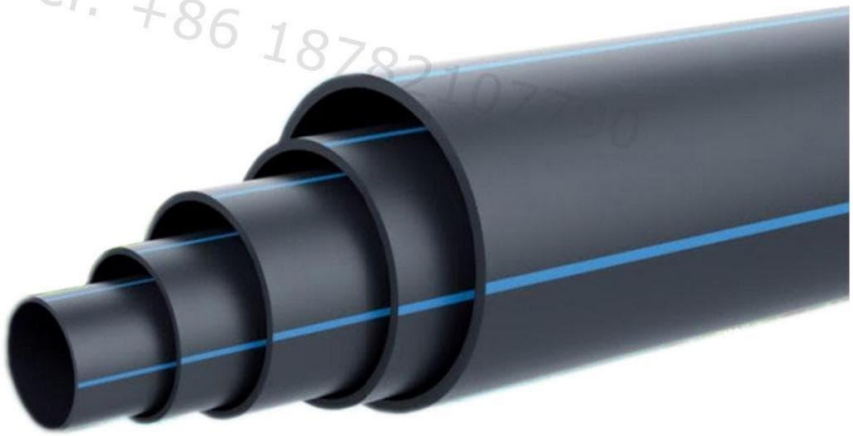
Our products are widely applied in civil building, water supply, sewerage, fine profile decoration, municipal construction, Gas, floor-heating, electric power and telecommunication, agriculture, mariculture and other fields. Which more than 10,000 varieties specifications.

By thoroughly introducing more than 1,000 sets of advanced fully automated equipments and modern production lines at home and abroad, The staff is more than 2,000 employees. The group assets are nearly RMB 2 billion yuan. The annual capacity is 800,000 tons.

Knagtai pipe has become one of the largest chemical building material production bases in China is issued by The China Ministry Of Construction.

HDPE Water Supply Pipe

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- Non-toxic Material: PE 100
- Pressure Rating: 0.6MPa, 0.8MPa, 1.0MPa, 1.25MPa, 1.6MPa
- Size: full 20mm through 1000mm availability
- Lifespan:over 50 years
- Available customized for 0.4MPa,0.5MPa and 2.0MPa pipe series

Features

- Environmental protection: Non-toxic PE raw material without any toxic additives
- Safe and Hygiene: No-scale,no-bacteria, widely apply in the drink water supply
- Excellent Durability:
  - ·Corrosion resistance,impact resistance,low-temperature resistance(-60℃), high wear resistance
  - ·Over 50 years under the scope of pressure and temperature
- Cost Saving with high-efficiency:
  - ·Lightweight for easy to transport and installation
  - ·Sample connection, sample maintenance
- Joint Method: Socket/Butt Fusion
- Color: Black pipe with 3 striped
- Form supplied:
  - ·50,100 or 200 meters coil length (dn20~dn50)
  - ·6 meters straight length (dn63 ~180)
  - ·9 meters straight length (dn200-dn1000)
  - ·Other forms are also available upon request

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Application

- Urban water supply priority
- Agricultural irrigation
- Landscape garden water supply.
- Industrial transport of material, ore and mud
- Sewage discharge.

Performance

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Items	Indexes	
Color	Black tube body with blue ribbon	
Appearance	The color is uniform and the inside and outside surfaces are smooth, flat. There are no dents, bubbles and other surface defects that affect the properties, and do not contain visible impurities. The ends of the pipes are cut flat and perpendicular to the axis.	
Vertical retraction (110℃)	≤3	
Tolerance (pipe cumulative acceptance ≥ 3.5GJ / m² aging energy)	Hydrostatic strength at 80℃ (165h)	No rupture, no leakage
	Elongation of fracture (%)	≥350
	The oxidation induction time (200 ℃) min	≥10
Service life	Over 50 years	
The mass flow rate of melt (condition)	The maximum deviation is no more than 20% of the mixed ingredients that clearly marked	
The oxidation induction time (200℃) min	≥20	
Hydrostatic strength at 80 ℃ (165h)	No rupture, no leakage	

Specifications

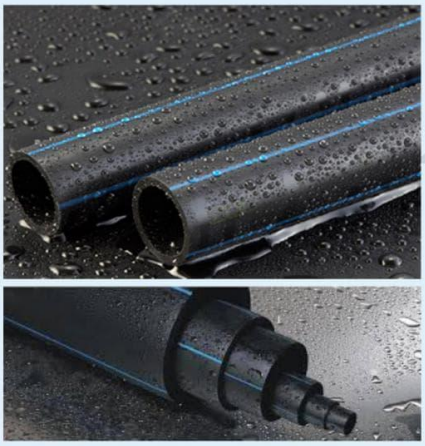
Unit : mm

Nominal Outside Diameter	Nominal Wall Thickness							
	Standard Size Ratio							
	SDR 9	SDR 11	SDR 13.6	SDR 17	SDR 21	SDR 26	SDR 33	SDR 41
	Pipe Series							
	S4	S5	S6.3	S8	S10	S12.5	S16	S20
	PE80 Nominal Pressure							
	1.6	1.25	1.0	0.8	0.6	0.5	0.4	0.32
	PE100 Nominal Pressure							
	2.0	1.6	1.25	1.0	0.8	0.6	0.5	0.4
16	2.3	-	-	-	-	-	-	-
20	2.3	2.3	-	-	-	-	-	-
25	3.0	2.3	2.3	-	-	-	-	-
32	3.6	3.0	2.4	2.3	-	-	-	-
40	4.5	3.7	3.0	2.4	2.3	-	-	-
50	5.6	4.6	3.7	3.0	2.4	2.3	-	-
63	7.1	5.8	4.7	3.8	3.0	2.5	-	-
75	8.4	6.8	5.6	4.5	4.5	2.9	-	-
90	10.1	8.2	6.7	5.4	5.4	3.5	-	-
110	12.3	10.0	8.1	6.6	6.6	4.2	-	-
125	14.0	11.4	9.2	7.4	7.4	4.8	-	-
140	15.7	12.7	10.3	8.3	8.3	5.4	-	-
160	17.9	14.6	11.8	9.5	9.5	6.2	-	-
180	20.1	16.4	13.3	10.7	10.7	6.9	-	-
200	22.4	18.2	14.7	11.9	11.9	7.7	-	-
225	25.2	20.5	16.6	13.4	13.4	8.6	-	-
250	27.9	22.7	18.4	14.8	14.8	9.6	-	-
280	31.3	25.4	20.6	16.6	16.6	10.7	-	-
315	35.2	28.6	23.2	18.7	18.7	12.1	9.7	7.7
355	39.7	32.2	26.1	21.1	21.1	13.6	10.9	8.7
400	44.7	36.3	29.4	23.7	23.7	15.3	12.3	9.8
450	50.3	40.9	33.1	26.7	26.7	17.2	13.8	11.0
500	55.8	45.4	36.8	29.7	29.7	19.1	15.3	12.3
560	62.5	50.8	41.2	33.2	33.2	21.4	17.2	13.7
630	70.3	57.2	46.3	37.4	37.4	24.1	19.3	15.4
710	79.3	64.5	52.2	42.1	42.1	27.2	21.8	17.4
800	89.3	72.6	58.8	47.4	47.4	30.6	24.5	19.6
900	-	81.7	66.2	53.3	53.3	34.4	27.6	22.0
1000	-	90.2	72.5	59.3	59.3	38.2	30.6	24.5
1200	-	-	88.2	67.9	67.9	45.9	36.7	29.4
1400	-	-	102.9	82.4	82.4	53.5	42.9	34.3
1600	-	-	117.6	94.1	94.1	61.2	49.0	39.2
1800	-	-	-	105.9	105.9	69.1	54.5	43.8
2000	-	-	-	117.6	117.6	76.9	60.6	48.8
2250	-	-	-	-	-	86.0	70.0	55.0
2500	-	-	-	-	-	95.6	77.7	61.2

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How to Order

HDPE Water Supply Pipe



Form supplied:

- 50,100 or 200 meters coil length (dn20~dn50)
- 6 meter straight length (dn63 ~180)
- 9 meter straight length (dn200-dn1000)
- Other forms are also available upon request
- Special customized for 0.4MPa、0.5MPa and 2.0MPa pipe series.

Size (mm)	0.68Mpa	
	Ordering No.	Price/RMB
50x2.3	52221100221	14.93
63x2.5	52221100225	19.60
75x2.9	52221100226	27.10
90x3.5	52221100203	40.03
110x4.2	52221100204	57.60
125x4.8	52221100205	76.27
140x5.4	52221100206	96.10
160x6.2	52221100207	123.63
180x6.9	52221100208	157.90
200x7.7	52221100209	191.97
225x8.6	52221100210	246.03
250x9.6	52221100211	305.10
280x10.7	52221100212	380.97
315x12.1	52221100213	484.53
355x13.6	52221100214	625.77
400x15.3	52221100215	793.27
450x17.2	52221100216	1003.27
500x19.1	52221100217	1249.70
560x21.4	52221100222	1568.17
630x24.1	52221100218	1986.73
710x27.2	52221100219	2550.70
800x30.6	52221100220	3233.47

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HDPE Water Supply Pipe

Size (mm)	0.8Mpa	
	Ordering No.	Price/RMB
40x2.3	52221100322	11.90
50x2.4	52221100326	15.70
63x3.0	52221100302	23.57
75x3.6	52221100327	33.67
90x4.3	52221100304	49.20
110x5.3	52221100305	72.63
125x6.0	52221100306	95.30
140x6.7	52221100307	119.23
160x7.7	52221100308	153.53
180x8.6	52221100309	196.77
200x9.6	52221100310	239.30
225x10.8	52221100311	308.80
250x11.9	52221100312	378.23
280x13.4	52221100313	476.87
315x15.0	52221100314	600.70
355x16.9	52221100315	777.40
400x19.1	52221100316	989.83
450x21.5	52221100317	1253.47
500x23.9	52221100318	1562.77
560x26.7	52221100323	1955.60
630x30.0	52221100319	2472.13
710x33.9	52221100320	3177.23
800x38.1	52221100321	4024.00

Size (mm)	1.0Mpa	
	Ordering No.	Price/RMB
32x2.3	52221100430	9.20
40x2.4	52221100431	12.17
50x3.0	52221100406	19.00
63x3.8	52221100432	28.87
75x4.5	52221100408	40.73
90x5.4	52221100409	59.80
110x6.6	52221100410	87.60
125x7.4	52221100411	113.93
140x8.3	52221100412	143.10
160x9.5	52221100413	183.50
180x10.7	52221100414	237.17
200x11.9	52221100415	287.30
225x13.4	52221100416	371.23
250x14.8	52221100417	455.73
280x16.6	52221100418	572.43
315x18.7	52221100419	725.40
355x21.1	52221100420	940.47
400x23.7	52221100421	1190.50
450x26.7	52221100422	1508.70
500x29.7	52221100423	1882.50
560x33.2	52221100427	2357.17
630x37.4	52221100424	2987.00
710x42.1	52221100425	3825.00
800x47.4	52221100426	4853.57

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HDPE Water Supply Pipe

Size (mm)	1.25Mpa	
	Ordering No.	Price/RMB
25x2.3	52221100503	7.10
32x2.4	52221100529	9.67
40x3.0	52221100505	15.10
50x3.7	52221100506	23.30
63x4.7	52221100507	35.53
75x5.6	52221100508	50.37
90x6.7	52221100509	73.80
110x8.1	52221100510	107.00
125x9.2	52221100511	140.83
140x10.3	52221100512	176.60
160x11.8	52221100513	226.70
180x13.3	52221100514	293.10
200x14.7	52221100515	353.13
225x16.6	52221100516	457.37
250x18.4	52221100517	563.40
280x20.6	52221100518	706.47
315x23.2	52221100519	895.00
355x26.1	52221100520	1156.93
400x29.4	52221100521	1468.43
450x33.1	52221100522	1859.77
500x36.8	52221100523	2319.17
560x41.2	52221100527	2908.13
630x46.3	52221100524	3676.97
710x52.2	52221100525	4715.87
800x58.8	52221100526	5985.63

Size (mm)	1.6Mpa	
	Ordering No.	Price/RMB
20X2.3	52221100602	5.50
25X2.3	52221100603	7.03
32X3.0	52221100604	11.73
40X3.7	52221100605	18.10
50X4.6	52221100606	28.13
63X5.8	52221100607	42.57
75X6.8	52221100608	59.53
90X8.2	52221100609	87.83
110X10.0	52221100610	128.37
125X11.4	52221100611	169.53
140X12.7	52221100612	211.67
160X14.6	52221100613	272.47
180X16.4	52221100614	351.27
200X18.2	52221100615	424.70
225X20.5	52221100616	548.87
250X22.7	52221100617	675.53
280X25.4	52221100618	846.67
315X28.6	52221100619	1072.40
355X32.2	52221100620	1387.50
400X36.3	52221100621	1762.37
450X40.9	52221100622	2233.57
500X45.4	52221100623	2781.57
560X50.8	52221100633	3486.20
630X57.2	52221100624	4415.70
710X64.5	52221100634	5664.67
800X72.6	52221100635-9	7185.03

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HDPE Water Supply Pipe Fittings(Socket Fusion)

Reducing Tee



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221200205	25x20	2.19	150
52221200206	32x20	3.60	92
52221200207	32x25	3.60	80
52221200208	40x20	6.24	72
52221200209	40x25	6.24	50
52221200210	40x32	6.24	54
52221200211	50x20	8.47	46
52221200212	50x25	8.47	46
52221200213	50x32	11.33	32
52221200214	50x40	11.55	30
52221200215	★ 63x20	15.90	24
52221200216	63x25	15.90	28
52221200217	63x32	15.90	22
52221200218	63x40	15.90	32
52221200219	63x50	15.90	16
52221200220	75x50	31.65	16
52221200221	75x63	32.46	8
52221200222	90x50	46.58	12
52221200223	★ 90x63	50.37	6
52221200224	90x75	58.69	6
52221200201	★ 110x50	77.70	4
52221200202	★ 110x63	77.70	4
52221200203	110x75	79.78	3
52221200204	★ 110x90	90.80	

90°Elbow



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221200401	20	1.04	340
52221200402	25	1.78	190
52221200403	32	2.82	100
52221200404	40	5.31	60
52221200405	50	9.66	33
52221200406	63	22.43	24
52221200407	75	30.01	16
52221200408	90	51.41	
52221200409	★ 110	82.77	

45°Elbow



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221200501	20	0.88	300
52221200502	25	1.53	170
52221200503	32	2.40	110
52221200504	40	4.51	60
52221200505	50	8.21	34
52221200506	★ 63	19.06	18
52221200507	75	25.51	12
52221200508	90	34.21	12
52221200509	110	69.61	4

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HDPE Water Supply Pipe Fittings(Socket Fusion)

Male Threaded Tee



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221200601	★ 20x1/2	13.31	
52221200602	★ 25x1/2	14.03	
52221200603	25x3/4	19.37	44
52221200605	★ 32x3/4	22.86	
52221200604	★ 32x1/2	15.66	

Female Threaded Tee



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221200701	20x1/2	8.46	50
52221200702	★ 25x1/2	9.14	48
52221200703	25x3/4	12.51	42
52221200705	★ 32x3/4	18.97	24
52221200704	32x1	27.20	22

Equal Tee



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221200301	20	1.49	240
52221200302	25	1.63	140
52221200303	32	3.94	80
52221200304	40	8.57	45
52221200305	50	12.11	26
52221200306	63	23.10	16
52221200307	75	39.30	8
52221200308	★ 90	65.59	6
52221200309	★ 110	85.71	3

Female Threaded Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221200801	20x1/2	8.37	70
52221200802	25x1/2	9.09	72
52221200803	25x3/4	11.66	60
52221200804	32x1	24.51	36
52221200805	★ 32x3/4	12.46	
52221200806	45X5/4	52.89	16
52221200807	50X3/2	60.83	12
52221200808	63x2	96.97	7

Female Threaded Elbow



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221201001	20x1/2	8.37	65
52221201002	25x1/2	9.49	50
52221201003	25x3/4	11.91	45
52221201004	32x1	27.63	24
52221201005	★ 32x3/4	13.23	36
52221201006	★ 63x2	71.43	

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HDPE Water Supply Pipe Fittings(Socket Fusion)

Plug



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221201101	20	0.67	900
52221201102	25	0.89	410
52221201103	32	1.56	300
52221201104	40	2.82	170
52221201105	★ 50	5.20	100
52221201106	63	8.54	50
52221201107	75	15.45	29
52221201108	90	24.07	20
52221201109	110	38.26	9

Male Threaded Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221201201	20x1/2	12.31	70
52221201202	25x1/2	12.49	55
52221201203	25x3/4	20.97	40
52221201204	32x1	32.09	24
52221201208	★ 40x5/4	66.23	12
52221201206	50x3/2	84.46	9
52221201207	63x2	112.14	6

Stud End(Short)



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221201301	50	6.54	70
52221201302	63	8.47	40
52221201303	75	12.26	28
52221201304	90	18.79	16
52221201305	★ 110	39.22	

Male Threaded Elbow



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221201701	20x1/2	13.00	55
52221201702	★ 25x1/2	13.57	50
52221201703	★ 25x3/4	19.11	40
52221201704	★ 32x1	34.86	24
52221201705	★ 40x5/4	71.43	
52221201706	★ 50x3/2	94.29	

Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221201801	20	0.74	600
52221201802	25	1.23	300
52221201803	32	2.08	160
52221201804	40	4.09	120
52221201805	50	6.17	66
52221201806	63	9.81	35
52221201807	75	15.90	19
52221201808	90	17.14	12
52221201809	110	22.86	7

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HDPE Water Supply Pipe Fittings(Socket Fusion)

Reducing Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221200905	25x20	1.14	240
52221200906	32x20	1.49	200
52221200907	32x25	1.49	180
52221200908	★ 40x20	2.53	180
52221200909	40x25	2.53	210
52221200910	40x32	2.97	120
52221200911	★ 50x20	4.01	96
52221200912	★ 50x25	4.01	88
52221200913	50x32	4.90	96
52221200914	★ 50x40	4.83	64
52221200915	★ 63x20	8.17	60
52221200916	★ 63x25	8.54	60
52221200917	★ 63x32	8.54	66
52221200918	63x40	7.28	51
52221200919	63x50	9.66	35
52221200920	75x50	14.04	32
52221200921	75x63	14.04	28
52221200922	90x50	19.61	30
52221200923	90x63	19.61	14
52221200924	90x75	22.66	11
52221200901	110x50	27.86	16
52221200903	110x75	32.54	15
52221200902	110x63	30.38	17
52221200904	110x90	39.52	12

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HDPE Water Supply Pipe Fittings(Butt Fusion)

Reducing Tee



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221202102	110x50	61.36	14
52221202110	200x110	257.14	4
52221202111	200x160	304.57	3
52221202112	★ 250x160	482.86	3
52221202113	250x200	564.57	2
52221202106	160x110	182.37	6
52221202109	160x90	148.57	5
52221202108	★ 160x75	74.29	
52221202107	160x63	115.89	8
52221202105	110x90	71.43	14
52221202104	★ 110x75	65.71	3
52221202103	110x63	61.14	12
52221202101	90x63	50.37	

45°Elbow



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221201401	160	129.18	10
52221201402	200	215.43	6
52221201403	250	369.57	3

90°Elbow



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221201501	110	85.87	15
52221201502	160	143.22	8
52221201503	200	279.69	4
52221201504	250	501.06	

Stud End(Long)



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221202001	★ 75	11.81	28
52221202002	110	39.22	7
52221202003	160	74.14	14
52221202004	200	127.77	12
52221202005	250	185.71	6
52221202006	315	349.14	4
52221202008	★ 355	549.71	2

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HDPE Water Supply Pipe Fittings(Butt Fusion)

Equal Tee



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221201901	90	59.43	16
52221201902	110	84.76	10
52221201903	160	197.60	4
52221201904	200	386.29	3
52221201905	250	641.46	2

Reducing Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221201609	250x200	188.69	10
52221201608	250x160	170.49	10
52221201605	200x110	112.91	17
52221201606	200x160	124.06	14
52221201604	160x110	69.09	21
52221201603	160x90	66.11	24
52221201602	160x75	65.71	
52221201601	160x63	69.09	21

* IronPlate



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52221200101	63	40.82	
52221200102	75	48.98	
52221200103	90	61.22	
52221200104	110	73.47	
52221200105	160	142.86	
52221200106	200	163.27	
52221200107	250	224.49	
52221200108	315	244.90	
52221200109	355	367.35	
52221200110	400	448.98	
52221200111	500	734.69	
52221200112	630	857.14	

Remark:under processing mould marked *

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PVC-O Water Supply Pipe



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- Excellent Performance: High strength, high impact resistance, high toughness, fatigue resistance. low-temperature resistance
- Unique Advantage: unsensitive of temerature ,stable size,no leakage even shrinked
- Material Grade: PVC 315 and PVC 355
- Pressure Rating: 0.63MPa, 0.8MPa, 1.0MPa, 1.25MPa, 1.6MPa,2.0Mpa
- Size: full 63mm through 630mm availability

Features

- Excellent Performance:
  - ·high strength(wall thickness is 65% of PVC-U pipe, hydrostatic stress 42-60Mpa
  - ·tensile strength (48-70Mpa)
  - ·high impact resistance(strength over 10 times than PVC-U pipe)
  - ·high toughness, fatigue resistance.
  - ·Low-temperature resistance(from -15 to -25)
- Unique Advantage: insensitive of temperature, stable size, no leakage even shrunk
- Pressure Rating: 0.63MPa, 0.8MPa, 1.0MPa, 1.25MPa, 1.6MPa,2.0Mpa
- Material Grade: PVC 315 and PVC 355
- Size: full 63mm through 630mm availability
- Joint Method: glue(solvent cement), flange gasket, and sealing ring
- Color: Atrovirens, White or customized
- Standard: CJ/T 445-2014/ISO 16422:2006
- Form supplied:
  plain end pipe, belled end pipe with 4m 、6m or other length is available upon request.

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Application

- Tap water supply (priority)
- Agricultural irrigation
- Urban and rural drainage
- Underground gallery pipes
- Electricity and telecommunication
- Using temperature scope from 0℃ to 45℃

Specification

Material Grade 315 (31.5Mpa)

Size	Nonimal Pressure Rating						
	0.63MPa	0.8Mpa	1.0MPa	1.25MPa	1.6MPa	2.0MPa	2.5MPa
	Nonimal Wall Thickness (mm)						
50				1.6	2.0	2.5	3.1
63			1.6	2.0	2.5	3.0	3.8
75		1.5	1.9	2.3	2.9	3.6	4.5
90		1.8	2.2	2.8	3.5	4.3	5.4
110	1.8	2.2	2.7	3.4	4.2	5.3	6.6
125	2.0	2.5	3.1	3.9	4.8	6.0	7.4
140	2.2	2.8	3.5	4.3	5.4	6.7	8.3
160	2.5	3.2	4.0	4.9	6.2	7.7	9.5
180	2.8	3.6	4.4	5.5	6.9	8.6	10.7
200	3.2	3.9	4.9	6.2	7.7	9.6	11.9
225	3.5	4.4	5.5	6.9	8.6	10.8	13.4
250	3.9	4.9	6.2	7.7	9.6	11.9	14.8
280	4.4	5.5	6.9	8.6	10.7	13.4	16.6
315	4.9	6.2	7.7	9.7	12.1	15.0	18.7
355	5.6	7.0	8.7	10.9	13.6	16.9	21.1
400	6.3	7.9	9.8	12.3	15.3	19.1	23.7

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Material Grade 355 (35.5Mpa)

Size	Nominal Pressure Rating					
	0.8Mpa	1.0MPa	1.25MPa	1.6MPa	2.0MPa	2.5MPa
	Nominal Wall Thickness (mm)					
50				1.6	2.0	2.5
63			1.8	2.2	2.7	3.4
75		1.7	2.1	2.6	3.2	4.0
90	1.6	2.0	2.5	3.1	3.9	4.8
110	2.0	2.4	3.1	3.8	4.7	5.9
125	2.2	2.8	3.5	4.3	5.4	6.7
140	2.5	3.1	3.9	4.8	6.0	7.5
160	2.8	3.5	4.4	5.5	6.9	8.5
180	3.2	4.0	5.0	6.2	7.7	9.6
200	3.5	4.4	5.5	6.9	8.6	10.7
225	4.0	5.0	6.2	7.7	9.6	12.0
250	4.4	5.5	6.9	8.6	10.7	13.3
280	4.9	6.2	7.7	9.6	12.0	14.9
315	5.5	6.9	8.7	10.8	13.5	16.8
355	6.2	7.8	9.8	12.2	15.2	18.9
400	7.0	8.8	11.0	13.7	17.1	21.3

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1、Nominal outside diameter size from Ø50~Ø630 mm, material class 315 and 355 .
2、Pressure Rating：0.63Mpa、0.8Mpa、1.0Mpa、1.25Mpa、1.6Mpa、2.0Mpa and 2.5Mpa
3、Fitting series： injection fitting adhesive, flexible fitting, flexible steel-plastic fitting

Performance comparsion

Item \ Pipe type	Steel/Iron Pipe	PVC-U	PE Water Supply	PVC-O
Hydrostatic Strength	Rigid Pipe	36-38MPa at 20℃	12MPa at 20℃	42-60MPa at 20℃
Vertical retraction	Rigid Pipe	150℃, <5%	110℃, <3%	150℃, <5%
Tensile strength	Rigid Pipe	⩾40	⩾22	⩾48
Drop-weight test	Rigid Pipe	Class M and H at 0℃, TIR≤5%	Low toughness,good low -temperature resistance ,available installation under -15℃ without rupture	Excellent dropweight performance, standard is 10 times than PVC-U at 0℃ TIR < 10%
Connection sealing test	Welding, 2nd pollution as oxidation rust	Sealing ring or glue, no leakage	Socket/butt fusion, no-leakage	Unique one-step shaped with sealing ring or fittings,easy installation.good sealing even larger deflected angle
Hydraulic performance (roughness)	0.01-0.012	0.009-0.01	0.009-0.01	0.009-0.01
Adaptation	Easy to be corroded and geological subsidence	Good resistance to geological subsidence, corrosion resistance by acid-base	Easy to bend, reduce charges of installation	Good resistance of geological subsidence, corrosion resistance by acid-base
Installation	High request for tools and technology of installer, weight	Lighter more 35% weight than Iron pipe,easy and shorter to install , applied in after connected 24 hours.	Lighter more 35% weight than Iron pipe,easy and shorter to install , applied in after connected 24 hours.	Lighter more 15-20% weight than Iron pipe, easy and shorter to install , applied in after connected 24 hours.
Span Life	≤30years	≥50years	≥50years	≥50years
Limitations	Hard to adapt to the complex geographical environment, high maintenance cost	Long-term temperature≤45 ℃	Low QPR, more as curied pipe as easy oxidation. Long-term temperature≤40℃	Long-term temperature≤45℃

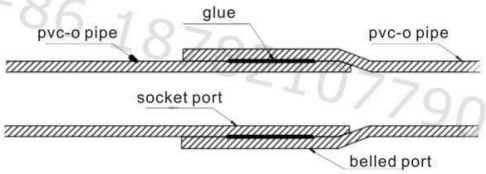
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Application

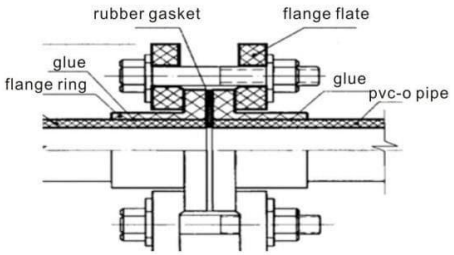
- Tap water supply priority
- Agricultural irrigation
- Urban and rural drainage
- Underground gallery pipes
- Electricity and telecommunication
- Using temperature scope from 0℃to 45℃

Connetion method

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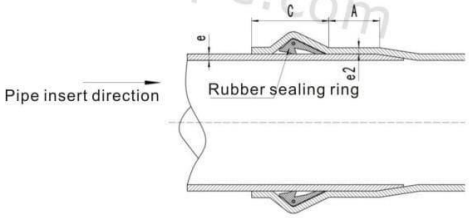


1、Glue Connection:apply in Ø50~Ø160 indoor



2、Flange Connection:apply in different pipes and accessories

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3、Flexiable Connection:apply in ⩾110 outside

How to Order

PVC-O Water Supply Pipe(Material Grade 315)

0.63Mpa		
Ordering No.	Size (mm)	Price/RMB
51361100101	110X1.8	42.90
51361100104	160X2.5	85.80
51361100106	200X3.2	136.50
51361100107	225X3.5	166.83
51361100108	250X3.9	204.97
51361100110	315X4.9	325.87
51361100111	355X5.6	419.47
51361100112	400X6.3	531.27
51361100113	450X7.0	663.43
51361100114	500X7.8	820.30
51361100115	560X8.8	1039.13
51361100116	630X9.9	1310.40

0.8Mpa		
Ordering No.	Size (mm)	Price/RMB
51361100201	75X1.5	24.70
51361100202	90X1.8	35.10
51361100203	110X2.2	52.43
51361100206	160X3.2	108.77
51361100208	200X3.9	163.37
51361100209	225X4.4	208.00
51361100210	250X4.9	257.83
51361100212	315X6.2	410.37
51361100213	355X7.0	521.30
51361100214	400X7.9	661.27
51361100215	450X8.8	831.13
51361100216	500X9.8	1025.70
51361100217	560X11.0	1290.47
51361100218	630X12.3	1623.27

1.0Mpa		
Ordering No.	Size (mm)	Price/RMB
51361100301	63X1.6	22.10
51361100302	75X1.9	30.33
51361100303	90X2.2	42.47
51361100304	110X2.7	62.83
51361100307	160X4.0	133.03
51361100309	200X4.9	204.97
51361100310	225X5.5	259.13
51361100311	250X6.2	323.70
51361100313	315X7.7	505.70
51361100314	355X8.7	645.23
51361100315	400X9.8	816.40
51361100316	450X11.0	1031.33
51361100317	500X12.3	1281.37
51361100318	560X13.7	1597.70
51361100319	630X15.4	2022.80

1.25Mpa		
Ordering No.	Size (mm)	Price/RMB
51361100406	63X2.0	26.43
51361100407	75X2.3	36.83
51361100408	90X2.8	52.87
51361100409	110X3.4	78.00
51361100412	160X4.9	162.93
51361100414	200X6.2	257.40
51361100415	225X6.9	321.97
51361100416	250X7.7	398.67
51361100418	315X9.7	632.23
51361100419	355X10.9	801.23
51361100420	400X12.3	1017.90
51361100421	450X13.8	1283.53
51361100422	500X15.3	1580.37
51361100423	560X17.2	1990.30
51361100424	630X19.3	2511.60

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Form Supplied: 4 meter straight length(dn20-dn110) , 6 meter straight length(dn>110) included belled end .

PVC-O Water Supply Pipe(Material Grade 315)

1.6Mpa			2.0Mpa		
Ordering No.	Size (mm)	Price/RMB	Ordering No.	Size (mm)	Price/RMB
51361100506	63X2.5	35.97	51361100606	63X3.0	38.57
51361100507	75X2.9	48.53	51361100607	75X3.6	55.03
51361100508	90X3.5	69.77	51361100608	90X4.3	78.87
51361100509	110X4.2	102.27	51361100609	110X5.3	118.30
51361100512	160X6.2	218.40	51361100612	160X7.7	250.03
51361100514	200X7.7	338.00	51361100614	200X9.6	390.00
51361100515	225X8.6	422.93	51361100615	225X10.8	493.57
51361100516	250X9.6	526.93	51361100616	250X11.9	603.20
51361100518	315X12.1	837.20	51361100618	315X15.0	958.97
51361100519	355X13.6	1058.20	51361100619	355X16.9	1217.67
51361100520	400X15.3	1336.83	51361100620	400X19.1	1549.17
51361100521	450X17.2	1692.17	51361100621	450X21.5	1963.00
51361100522	500X19.1	2089.10	51361100622	500X23.9	2421.47
51361100523	560X21.4	2626.43	51361100623	560X26.7	3034.20
51361100524	630X24.1	3325.83	51361100624	630X30.0	3829.80

PVC-O Water Supply Pipe(Material Grade 355)

0.8Mpa			1.0Mpa		
Ordering No.	Size (mm)	Price/RMB	Ordering No.	Size (mm)	Price/RMB
51361101202	90X1.6	31.33	51361101302	75X1.7	27.47
51361101203	110X2.0	46.77	51361101303	90X2.0	38.20
51361101206	160X2.8	94.00	51361101304	110X2.4	54.17
51361101208	200X3.5	146.77	51361101307	160X3.5	113.33
51361101209	225X4.0	186.70	51361101309	200X4.4	177.10
51361101210	250X4.4	229.17	51361101310	225X5.0	233.47
51361101212	315X5.5	361.80	51361101311	250X5.5	285.83
51361101213	355X6.2	459.20	51361101313	315X6.9	450.63
51361101214	400X7.0	582.80	51361101314	355X7.8	572.93
51361101215	450X7.9	738.17	51361101315	400X8.8	730.00
51361101216	500X8.8	916.70	51361101316	450X9.9	920.57
51361101217	560X9.8	1140.30	51361101317	500X11.0	1138.17
51361101218	630X11.0	1441.13	51361101318	560X12.3	1425.27
			51361101319	630X13.8	1797.37

Form Supplied: 4 meter straight length(dn20-dn110) , 6meter straight length(dn>110) included belled end .

PVC-O Water Supply Pipe(Material Grade 355)

1.25Mpa		
Ordering No.	Size (mm)	Price/RMB
51361101406	63X1.8	24.03
51361101407	75X2.1	33.47
51361101408	90X2.5	47.20
51361101409	110X3.1	71.23
51361101412	160X4.4	145.07
51361101414	200X5.5	227.03
51361101415	225X6.2	287.97
51361101416	250X6.9	355.37
51361101418	315X8.7	565.20
51361101419	355X9.8	715.00
51361101420	400X11.0	905.10
51361101421	450X12.4	1146.73
51361101422	500X13.7	1408.10
51361101423	560X15.4	1774.60
51361101424	630X17.3	2237.23

1.6Mpa		
Ordering No.	Size (mm)	Price/RMB
51361101506	63X2.2	29.20
51361101507	75X2.6	40.33
51361101508	90X3.1	57.93
51361101509	110X3.8	83.73
51361101512	160X5.5	176.77
51361101514	200X6.9	276.90
51361101515	225X7.7	354.07
51361101516	250X8.6	438.17
51361101518	315X10.8	695.27
51361101519	355X12.2	884.50
51361101520	400X13.7	1117.97
51361101521	450X15.4	1415.40
51361101522	500X17.1	1743.27
51361101523	560X19.2	2191.33
51361101524	630X21.6	2775.43

2.0Mpa		
Ordering No.	Size (mm)	Price/RMB
51361101606	63X2.7	34.77
51361101607	75X3.2	49.37
51361101608	90X3.9	70.80
51361101609	110X4.7	105.13
51361101612	160X6.9	223.60
51361101614	200X8.6	347.20
51361101615	225X9.6	436.90
51361101616	250X10.7	542.03
51361101618	315X13.5	860.07
51361101619	355X15.2	1089.23
51361101620	400X17.1	1381.50
51361101621	450X19.2	1744.57
51361101622	500X21.4	2163.00
51361101623	560X23.9	2701.60
51361101624	630X26.9	3423.47

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Form Supplied: 4 meter straight length(dn20-dn110) , 6meter straight length(dn>110) included belled end .

PVC-O Water Supply Pipe Fittings

Doube Belled Hoop



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	34.77	
	75	91.50	
	90	100.65	
	110	109.80	
	160	237.90	
	200	448.35	
	225	484.95	
	250	563.64	
	315	1024.80	
	355	1584.78	

Doube Belled Redcuing Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	75X63	78.69	
	90X63	86.01	
	90X75	91.50	
	110X63	98.82	
	110X75	102.48	
	110X90	106.14	
	160X110	219.60	
	200X110	274.50	
	200X160	289.14	
	225X110	329.40	
	225X160	347.70	
	225X200	366.00	
	250X110	420.90	
	250X160	439.20	
	250X200	457.50	
	250X225	475.80	
	315X110	878.40	
	315X160	905.85	
	315X200	995.52	
	315X225	1032.12	
	315X250	1087.02	
	355X200	1324.92	
	355X315	1500.60	

Belled Flange



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	54.54	
	75	87.11	
	90	107.60	
	110	114.06	
	160	207.09	
	200	303.06	
	225	635.38	
	250	635.38	
	315	702.72	
	355	944.28	
	400	1086.29	

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PVC-O Water Supply Pipe Fittings

25° Double Belled Elbow



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	45.75	
	75	113.46	
	90	118.95	
	110	126.27	
	160	270.84	
	200	420.90	
	225	602.07	
	250	667.95	
	315	1335.90	

45° Double Belled Elbow



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	40.26	
	75	109.80	
	90	118.95	
	110	129.93	
	160	274.50	
	200	457.50	
	225	675.27	
	250	713.70	
	315	1462.17	
	355	2305.80	

90° Double Elbow



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	47.58	
	75	124.44	
	90	131.76	
	110	142.74	
	160	320.25	
	200	505.08	
	225	768.60	
	250	380.64	
	315	1665.30	
	355	2777.94	

Equal Belled Tee



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	64.05	
	75	129.93	
	90	212.28	
	110	247.05	
	160	490.44	
	200	816.18	
	225	1121.79	
	250	1244.40	
	315	2371.68	
	355	3769.80	

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PVC-O Water Supply Pipe Fittings

Redcuing Belled Tee



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	75X63	128.10	
	90X63	197.64	
	90X75	204.96	
	110X63	225.09	
	110X75	228.75	
	110X90	232.41	
	160X63	402.60	
	160X75	413.58	
	160X90	426.39	
	160X110	448.35	
	200X63	539.85	
	200X75	567.30	
	200X90	603.90	
	200X110	613.05	
	200X160	724.68	
	225X110	830.82	
	225X160	874.74	
	225X200	1253.55	
	250X110	878.40	
	250X160	1052.25	
	250X200	1149.24	
	250X225	1281.00	
	315X110	1775.10	
	315X160	1956.27	
	315X200	2137.44	
	315X225	2250.90	
	315X250	2287.50	
	355X160	2433.90	
	355X200	2499.78	
	355X225	2704.74	
	355X250	2827.35	
	355X315	4004.04	

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Flange Gasket



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	8.28	
	75	8.92	
	90	9.66	
	110	11.71	
	160	17.88	
	200	25.01	
	225	26.16	
	250	31.69	
	315	38.43	
	355	56.36	
	400	81.98	
	450	33.62	
	500	57.97	

PVC-O Water Supply Pipe Fittings

Additive Interface



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	110X3/8	51.83	
	110X63	66.56	
	110X75	66.28	
	160X3/8	91.16	
	160X63	104.32	
	160X75	106.50	
	200X63	197.68	
	200X75	180.57	
	225X63	216.41	
	225X75	198.30	
	250X63	251.33	
	250X75	251.00	
	250X90	251.33	
	315X63	419.32	
	315X75	423.73	
	315X90	413.10	
	315X110	425.19	
	315X160	591.82	
	400X200	800.38	

Blind Plate



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	52.87	
	75	74.01	
	90	84.59	
	110	111.15	
	160	234.49	
	200	363.85	
	225	396.50	
	250	925.17	
	315	1252.53	
	355	1850.33	
	400	1992.67	

Skeleton Rubber Sealing Ring



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	4.23	
	75	5.53	
	90	8.46	
	110	11.71	
	160	17.89	
	200	27.65	
	225	37.41	
	250	40.21	
	315	66.04	
	355	130.46	
	400	172.43	

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PVC-O Water Supply Pipe Fittings

Female Threaded Inserted Copper Tee



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63X3/4	29.65	
	63X1	33.39	

Y Type Filter



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	573.81	
	75	1255.62	
	90	1572.91	
	110	3375.33	

Female Threaded Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63X2	7.30	
	75X5/2	12.84	
	90X3	19.91	
	110X4	28.75	

Male Threaded Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63X2	6.58	
	75X5/2	12.04	
	90X3	20.42	
	110X4	36.20	

Double Male Threaded Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	6.05	

Clamp



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	2.92	
	75	3.79	

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PVC-O Water Supply Pipe Fittings

Ball Valve with threaded



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	1/2"	4.89	
	3/4"	7.19	
	1"	11.41	
	5/4"	16.47	
	3/2"	21.94	
	2"	35.85	
	5/2"	75.95	
	3"	118.14	
	4"	210.96	

Stop Ball Valve



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	81.01	
	75	202.52	
	90	276.78	
	110	516.43	

Manual Butterfly Valve (DPDM)



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	121.59	
	75	137.45	
	90	174.46	
	110	214.11	
	160	433.51	
	200	637.04	

Manual Butterfly Valve



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63X2	150.47	
	75X5/2	163.97	
	90X3	206.84	
	110X4	257.54	
	160X6	502.92	
	200/225X8	725.70	

Electric Butterfly Valve



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	2497.95	
	75	2616.90	
	90	3211.65	
	110	3528.85	
	160	5194.15	
	200	1004.47	

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PVC-O Water Supply Pipe Fittings

Vortex Butterfly Valve (EPDM)



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	348.92	
	75	383.28	
	90	409.72	
	110	436.15	
	160	819.43	
	200	1,110.20	
	250	1,850.33	
	315	1,252.53	
	400	106.15	

Vortex Butterfly Valve



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63X2	378.04	
	75X5/2	411.79	
	90X3	442.17	
	110X4	479.30	
	160X6	931.59	
	200/225X8	1211.74	
	250/280X10	1707.92	
	315X12	2160.21	
	355X14	6210.61	
	400X16	8438.33	

Multifunction Reparing Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	97.36	
	75	128.10	
	90	174.22	
	110	194.71	
	160	458.60	
	200	558.52	
	225	858.27	
	250	891.58	
	315	1191.33	
	355	1985.55	
	400	1998.36	

Reparing Tee



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	110	666.12	
	160	922.32	

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PVC-O Water Supply Pipe Fittings

Foot Ball Valve



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	84.05	
	75	212.65	
	90	286.90	
	110	540.05	

90° Repairing Elbow



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	110	640.50	
	160	814.72	

Flexible Repairing Coupling (Normal)



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	31.85	
	75	43.37	
	90	89.16	
	110	116.31	
	160	207.52	

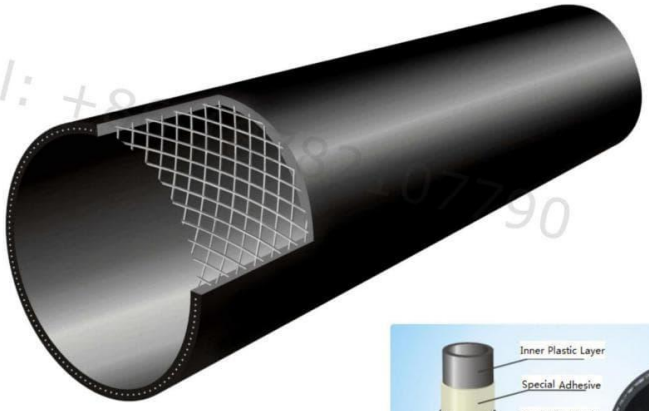
Repairing Union (Adjustable)



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	110	251.12	
	160	496.95	
	200	793.00	
	225	1054.69	
	250	1461.76	
	315	1608.37	

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PE Steel Wire Mesh Reinforced Composite Pipe





Tel: +8
sales@kangtaipipe.com

- Twice Twined steel wire as the frame, HDPE as the main raw materials.
- Pressure Rating:1.0Mpa,1.6Mpa,2.0Mpa,2.5Mpa,3.5Mpa
- High Strength with low cost than pure HDPE pipe.
- Good impact resistance, corrosion resistance, etc
- Size：full 50mm through 800mm availability

Features

- **High Strength Pressure-bearing:**
  More excellent strength pressure-bearing and anti creep deformation than others composite pipe. Firmly bonding between steel wire and PE without water leakage.
- **Impact Resistance:**
  More excellent impact resistance than others composite pipe. exceed strength, rigidity, Impact resistance, etc. Lower expansion coefficient than steel pipe.
- **Low Thermal Conductivity :**
  Low thermal conductivity, Good thermal insulation, Smoothly inside wall, Lower 30% loss of pipe end than steel pipe.
- **Corrosion Resistance:**
  Good corrosion resistance and wearproof.
- **Good Comprehensive:**
  Light-weight, composited by 2 materials. Easy for convey,installation,without rupture.
- **Easy Installation:**
  High reliable pipe, the ideal pipe instead of stell pipe,pure plastic pipe and ductile iron pipe. Span Life over 50 years.
- Standard:GB/T 32439-2015
- Form Supplied:
  6 meters straight length (dn50-dn160)
  9 meters straight length (⩾dn200)

Tel: +86 15821077790

Performance

- Widely used in oil fields, power plants, chemical enterprises, water companies, municipal gas, seawater utilization pipeline and other fields.
- Span life over 50 years.
- Good hygiene, apply for portable water meet standard GB/T 177219-1998.
- Smoothly inside wall, Low flow resistance.
- Good flexible, ideal for buried lay out.
- Easy to installation, fusion connection and low comprehensive cost.
- Color: black for water supply; yellow for gas.
- HDPE electricofusion fitting connection for pipe under nominal pressure 1.6Mpa.

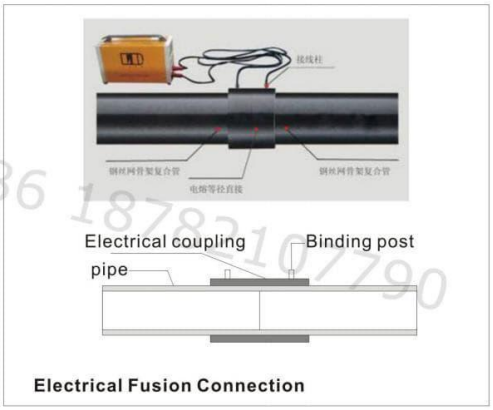
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Application

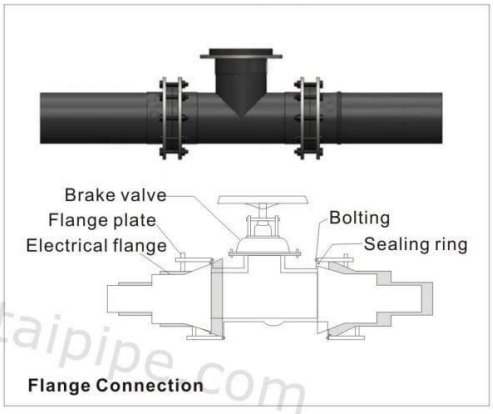
- Applying for urban water supply
- Construction water supply
- Urban gas
- Special fluid transport

Connection Method

Electrical Fusion or Flange Connection.



Electrical Fusion Connection



Flange Connection

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Features of connection

1、Easy installation and rapidly.
2、Reliable fusion connection,more strength and sealing performance than others pipe.
3、Applying for different brand or materials fittings connection.

How to Order

PE Steel Wire Mesh Reinforced Composite Pipe

Form Supplied: 6 meters straight length (dn50-dn160)
9 meters straight length(>dn200)

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1.0Mpa

Size (mm)	Ordering No.	Thickness Wall	Price/RMB
110	52231100201	6.0	92.07
125	52231100202	6.0	115.87
160	52231100204	6.5	142.03
200	52231100206	7.0	210.43
225	52231100207	8.0	296.13
250	52231100208	10.5	368.23
315	52231100210	12.0	544.73
400	52231100212	13.0	804.70
500	52231100214	16.0	1289.67
630	52231100215	22.0	2143.87
710	52231100216	26.0	2773.67
800	52231100217	30.0	3765.03

1.6Mpa

Size (mm)	Ordering No.	Thickness Wall	Price/RMB
50	52231100301	5.0	39.60
63	52231100302	5.5	53.10
75	52231100304	6.0	59.50
90	52231100306	6.5	77.13
110	52231100307	7.0	105.50
125	52231100308	7.5	148.77
140	52231100309	8.0	161.50
160	52231100310	9.0	192.70
200	52231100311	9.5	270.83
250	52231100313	12.0	421.87
315	52231100314	13.0	626.87
400	52231100316	15.0	952.00

2.0Mpa

Size (mm)	Ordering No.	Thickness Wall	Price/RMB
63	52231100402	6.0	61.30
110	52231100413	7.5	120.37
140	52231100407	8.5	188.83
160	52231100408	9.5	215.67
200	52231100409	10.5	326.13
315	52231100412	13.0	680.23

2.5Mpa

Size (mm)	Ordering No.	Thickness Wall	Price/RMB
75	52231100503	7.0	75.53
110	52231100505	8.0	126.67
160	52231100508	10.5	267.10
200	52231100509	12.5	405.17

PE Steel Wire Mesh Reinforced Composite Pipe

Form Supplied: 6 meters straight length (dn50-dn160)
9 meters straight length(≥dn200)

	Size (mm)	Ordering No.	Thickness Wall	Price/RMB
3.5Mpa	75	52231100603	7.5	82.67

Electrical Fusion Fittings

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90°Elbow



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	50	35.20	
	63	48.00	
	75	84.00	
	90	110.40	
	110	164.00	
	125	244.00	
	140	340.00	
	160	340.00	
	200	564.00	
	225	1080.00	
	250	1148.00	
	315	1880.00	
	355	3191.49	
	400	3489.36	
	450	7234.04	
	500	5106.38	
	630	24170.21	

45°Elbow

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Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52231200507	50	35.20	
52231200508	63	44.00	
	75	71.20	
52231200510	90	120.00	
52231200511	110	168.00	
	125	260.00	
	140	380.00	
52231200504	160	320.00	
52231200503	200	524.00	
	225	1424.00	
52231200501	250	1080.00	
52231200502	315	1660.00	
	355	4000.00	
52231200505	400	4127.66	
	450	5178.72	
52231200506	500	5531.92	
	630	17702.13	

❖ Electrical Fusion Fittings

Reducing Tee



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63*50	68.00	
	75*50	100.00	
	75*63	104.00	
	90*50	120.00	
	90*63	124.00	
	90*75	124.00	
	110*50	176.00	
	110*63	176.00	
	110*75	180.00	
	110*90	180.00	
	125*75	260.00	
	125*90	260.00	
	125*110	268.00	
	140*90	360.00	
	146*110	360.00	
	160*50	352.00	
	160*63	352.00	
	160*75	364.00	
	160*90	364.00	
	160*110	368.00	
	160*125	368.00	
	200*50	680.00	
	200*63	680.00	
	200*75	688.00	
	200*90	720.00	
	200*110	720.00	
	200*125	728.00	
	200*160	728.00	
	225*110	1080.00	
	225*160	1120.00	
	250*90	1352.00	
	250*110	1352.00	
	250*125	1360.00	
	250*160	1364.00	
	250*200	1364.00	
	315*110	2600.00	
	315*125	2604.00	
	315*160	2612.00	
	315*200	2632.00	
	315*250	2640.00	
	355*110	2916.67	
	355*200	3125.00	
	355*315	4375.00	
	400*110	2800.00	
	400*160	2800.00	
	400*200	2800.00	
	400*250	3957.45	
	400*315	3957.45	
	450*400	8170.21	
	500*110	6808.51	
	500*160	6808.51	
	500*200	6808.51	
	500*315	6808.51	
	500*400	6808.51	
	630*400	22000.00	
	630*500	26170.21	

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Electrical Fusion Fittings

Equal Tee



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	50	53.20	
	63	68.00	
	75	96.00	
	90	127.20	
	110	183.20	
	125	280.00	
	140	360.00	
	160	380.00	
	200	700.00	
	225	1240.00	
	250	1380.00	
	315	2672.00	
	355	5021.28	
	400	4255.32	
	450	7963.40	
	500	6808.51	
	630	25574.47	

Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	50	28.40	
	63	34.00	
	75	51.20	
	90	71.20	
	110	100.00	
	125	138.00	
	140	160.00	
	160	176.80	
	200	272.00	
	225	352.00	
	250	408.00	
	315	708.00	
	355	1000.00	
	400	1272.00	
	450	2085.11	
	500	1957.45	
	560	2680.85	
	630	3744.68	

Cap



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	50	28.00	
	75	72.00	
	110	96.00	

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Electrical Fusion Fittings

Reducing Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63*50	36.00	
	75*50	58.00	
	75*63	60.00	
	90*50	76.00	
	90*63	84.00	
	90*75	104.00	
	110*50	120.00	
	110*63	120.00	
	110*75	128.00	
	110*90	132.00	
	125*75	156.00	
	125*90	160.00	
	125*110	202.00	
	140*110	262.00	
	160*50	272.00	
	160*63	272.00	
	160*75	248.00	
	160*90	248.00	
	160*110	252.00	
	160*125	320.00	
	160*140	335.00	
	200*50	380.00	
	200*63	380.00	
	200*110	368.00	
	200*125	388.00	
	200*160	400.00	
	225*160	560.00	
	250*125	560.00	
	250*160	600.00	
	250*200	640.00	
	315*200	880.00	
	315*250	936.00	
	355*200	1875.00	
	355*315	2340.43	
	400*250	1787.23	
	400*315	1787.23	
	450*400	8032.00	
	500*315	2553.19	
	500*400	2638.30	
	630*400	11489.36	
	630*500	15063.83	

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PE Steel Wire Frame Composite Pipe Fittings

Flange End



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	50	31.20	
	63	38.80	
	75	66.80	
	90	100.00	
	110	142.00	
	125	178.00	
	140	280.00	
	160	280.00	
	200	344.00	
	225	480.00	
	250	520.00	
	315	800.00	
	355	1157.45	
	400	1520.00	
	450	1987.23	
	500	1914.89	
	560	2468.09	
	630	3319.15	

Steel Flange Plate



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	50	44.88	
	63	50.16	
	75	63.36	
	90	79.20	
	110	95.04	
	125	128.16	
	140	147.84	
	160	147.84	
	200	205.92	
	225	282.00	
	250	338.80	
	315	388.00	
	355	529.41	
	400	764.71	
	450	988.24	
	500	1029.41	
	630	1176.47	

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HDPE Double Wall Corrugated Pipe

Tel: +86 18



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- Excellent of compressive resistance, corrosion resistance, impact resistance, and earth-quake-resistance
- Working Temperature: from -40℃ to -160℃, adapting to multi-climate changed
- Material: High-density Polyethylene (HDPE)
- Ring Stiffness: SN4(4KN/m²), SN8(8KN/m²)
- Size: full ID200mm through ID800mm availability

Features

- Excellent resistant to acid-base chemical mediator and corrosion resistance.
- Excellent of compressive resistance to corrosion , impact , and earth-quake-resistance.
- High roughness K<0.01mm.
- Working Temperature: from -40℃ to 60℃, Adapt to multi-climate changed. advising under 45℃ for long-term used.
- Material: High-density Polyethylene (HDPE)
- Lightweight: easy to transport and install. effectively prevent the liquids penetration
- Smooth internal wall and low friction factor
- Ring Stiffness: SN4(4KN/㎡), SN8(8KN/㎡)
- Size: full ID200mm through ID800mm availability
- Suitable for soft soil or quicksand foundation
- Joint Method: rubber sealing ring
- Color: Black or customized
- Standard: GB/T 19472.1-2017,GB/T 19472.2-2017
- Form supplied: plain end pipe, belled end pipe with 6m or upon request

Tel: +86 18782107790

Application

- Urban drainage and sewage discharg
- Farmland irrigation and municipal drainage
- The buried conduit of the power cable
- Reconstruction project for sewage discharge

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Performance

Item		Requirements
Ring Stiffness（KN/m²）	SN4	>4
	SN6.3	>6.3
	SN8	>8
	SN12.5	>12.5
	SN16	>16
Impact Performance（TIR）／%		≤10
Ring Flexibility		The test sample shall be smooth and there shall be no reverse bending, rupture, or tripping out of the two walls.
Oven Test		No bubble, delamination or cracking
Creep Ratio		⩽4

Specification

Unit:mm

Specification / Project	200	225	250	300	400	500	600	800	1000	1200
Minimum mean internal diameteremin	195	220	245	294	392	490	588	785	985	1185
Minimum laminated wall thickness	1.5	1.7	1.8	2.0	2.5	3.0	3.5	4.5	5.0	5.0
Internal layer wall thickness	1.1	1.4	15.	1.47	2.3	3.0	3.5	4.5	5.0	5.0
Joint length	0.9	55	59	64	74	85	96	118	140	162

How to Order

HDPE Double Wall Corrugated Pipe

Form supplied: plain end pipe, belled end pipe with 6m or upon request

Ring stiffness	Ordering No.	Inner diameter specification (mm)	Price/RMB
SN4	52131100309	ID200	76.03
	52131100301	ID225	90.57
	52131100302	ID300	130.57
	52131100303	ID400	227.71
	52131100304	ID500	396.29
	52131100305	ID600	533.43
	52131100306	ID800	988.46

Ring stiffness	Ordering No.	Inner diameter specification (mm)	Price/RMB
SN8	52131100407	ID200	88.20
	52131100401	ID225	114.06
	52131100402	ID300	164.86
	52131100403	ID400	304.86
	52131100404	ID500	496.29
	52131100405	ID600	710.57
	52131100406	ID800	1356.29

HDPE Double-wall Corrugated Pipe and Accessories

Rubber Sealing Ring



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52131200110	ID200	5.06	
52131200101	ID225	5.06	
52131200102	ID300	12.77	
52131200103	ID400	27.89	
52131200104	ID500	53.43	
52131200105	ID600	70.34	
52131200106	ID800	239.14	

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PE Steel Strip Spiral Reinforced Corrugated Pipe



Tel: +86
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- Property for Municipal drainage and sewage discharge, as with both excellent performances
- Excellent impact resistance, corrosion resistance, friction resistance, and durability
- Efficiently discharge fast, large flow, as low resistance of inner wall thickness
- Ring Stiffness: SN8(8KN/m²), SN10(10KN/m²), SN12.5(12.5KN/m²), SN16(16KN/m²)
- Size: full ID800mm through ID2000mm availability

Features

- Adopting unique technology to synthesize the steel strip and PE material. Shaped of spiral winding together at once time. both flexibility of plastic pipe and the rigidity of metal pipe
- Excellent impact resistance, corrosion resistance, friction resistance and durability
- Efficiently discharge fast, large flow, as low resistance of inner wall thickness
- Reliable connection, reach 0 leakages, prevent pollution
- Material: Polyethylene (PE)
- Ring Stiffness: SN8(8KN/m²), SN10(10KN/m²), SN12.5(12.5KN/m²), SN16(16KN/m²)
- Span life: over 50 years
- Size: full ID800mm through ID2000mm availability
- Standard: CJ/T 225-2011
- Joint Method: sealing ring by socket
- Color: Black or customized
- Form supplied: plain end pipe, belled end pipe with 9m or upon request

Tel: +86 18782107790

Application

- Municipal or industrial drainage and sewage discharge
- Farmland irrigation, ventilation for mine and building
- Transport seawater and rainwater
- Sewage discharge for chemical industries
- The buried conduit of power cable and telecommunication pipe
- Water seepage and drainage of the railway, highway and waste treatment plant

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Performance

Item		Indexo
Ring stiffness KN/m²	SN8	⩾8
	SN10	⩾10
	SN12.5	⩾12.5
	SN16	⩾16
Impact Resistance		TIR⩽10%
Peel Strength (20℃5+℃) N/cm		⩾70
Ring Felixbility		no rupture, no separated layers
Oven Test		no rupture, no separated layers
Tenslle strength of seam/N		⩾1460
Creep Ratlo		⩽2

Specification

Specification	Ring Stiffness (KN/m²)	Ring Stiffness (KN/m²)	Ring Stiffness (KN/m²)	Ring Stiffness (KN/m²)
800	8	10	12.5	16
1000	8	10	12.5	16
1200	8	10	12.5	16
1500	8	10	12.5	16
1600	8	10	12.5	16
1800	8	10	12.5	16
2000	8	10	12.5	16
2200	8	10	12.5	16
Remark:9 meter straight length or upon request				

How to Order

PE Steel Strip Spiral Reinforced Corrugated Pipe

Form supplied: plain end pipe, belled end pipe with 9m or upon request

Ring stiffness	Ordering No.	Inner diameter specification (mm)	Price/RMB
SN8	52121100201	300	253.64
	52121100202	400	368.88
	52121100203	500	599.09
	52121100204	600	777.88
	52121100205	800	1281.64
	52121100206	1000	1786.97
	52121100207	1200	2344.55
	52121100208	1500	3644.55

Ring stiffness	Ordering No.	Inner diameter specification (mm)	Price/RMB
SN10	52121100701	300	259.70
	52121100702	400	378.09
	52121100703	500	599.09
	52121100704	600	808.18
	52121100706	800	1374.85
	52121100708	1000	1896.88
	52121100709	1200	2628.82
	52121100712	1500	3965.76

Ring stiffness	Ordering No.	Inner diameter specification (mm)	Price/RMB
SN12.5	52121100901	300	265.76
	52121100902	400	387.79
	52121100903	500	614.24
	52121100904	600	859.30
	52121100906	800	1517.27
	52121100908	1000	2026.03
	52121100909	1200	2860.06
	52121100910	1500	4162.73



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PE Steel Strip Spiral Reinforced Corrugated Pipe

Form supplied: plain end pipe, belled end pipe with 9m or upon request

Ring stiffness	Ordering No.	Inner diameter specification (mm)	Price/RMB
SN8 (Belled End)	52121100601	300	283.94
	52121100602	400	417.27
	52121100603	500	680.91
	52121100604	600	880.85
	52121100606	800	1456.67
	52121100613	1000	1960.00
	52121100614	1200	2635.42

Ring stiffness	Ordering No.	Inner diameter specification (mm)	Price/RMB
Sn10 (Belled End)	52121100721	300	283.94
	52121100722	400	417.27
	52121100723	500	662.73
	52121100724	600	893.06
	52121100726	800	1517.09
	52121100728	1000	2096.06
	52121100729	1200	2877.88

Ring stiffness	Ordering No.	Inner diameter specification (mm)	Price/RMB
SN12.5 (Belled End)	52121100801	300	289.94
	52121100802	400	426.52
	52121100803	500	680.91
	52121100804	600	948.33
	52121100806	800	1665.33
	52121100825	1000	2171.82
	52121100826	1200	3098.88

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PE Steel Strip Spiral Reinforced Corrugated Pipe and Accessories

Heating Shrink Sleeve



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52121200101	300X200	62.73	
52121200106	300X250	74.85	
52121200102	400X300	108.21	
52121200107	400X350	123.33	
52121200114	500X250	123.33	
52121200103	500X300	129.88	
52121200108	500X350	138.52	
52121200115	600X250	123.33	
52121200116	600X300	141.42	
52121200104	600X350	162.73	
52121200109	600X400	183.94	
52121200105	800X400	250.52	
52121200111	800X450	283.94	
52121200112	800X500	317.27	
52121200118	1000X400	308.18	
52121200113	1000X500	426.36	
52121200120	1200X450	456.67	
52121200121	1200X500	477.88	
52121200124	1500X450	541.12	
52121200125	1500X500	608.18	

Rubber-ring for Belled End



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52121200401	300	15.36	
52121200402	400	32.42	
52121200403	500	35.61	
52121200404	600	65.76	
52121200405	800	117.27	
52121200406	1000	177.79	
52121200407	1200	305.15	

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MPVE Double Wall Corrugated Pipe



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- R&D newest product in 2018 with own patents has certified by German and China , widely applied in projects in 2019 with good feedback
- Material: Polyvinyl Chloride(PVC) mixed with Polyethylene (PE)
- Working Temperature: from -15℃ to 45℃
- Excellent toughness ,rigidity, oxidation resistance,antiflaming,impact resistance,corrosionresistance,friction resistance and durablity
- Ring Stiffness:SN8(8KN/㎡) , SN10(10KN/㎡) , SN12.5(12.5KN/㎡) , SN16(16KN/㎡) , SN25(25KN/㎡)
- Size: full OD110mm through OD1400mm availability
- Standard:T/CECS 10011-2019, compiled by ourself,fill in the gap of the word.

Features

- Adopting unique technology to synthesize the PVC and PE materials. Shaped of spiral winding together at once time. both make up opposite's defects with both advantages
- Excellent toughness, rigidity, oxidation resistance, anti-flaming, impact resistance, corrosion resistance, friction resistance and durability.
- Efficiently discharge fast, large flow , as low resistance of inner wall thickness
- Working Temperature: from -15℃ to 45℃
- Ring Stiffness:SN8(8KN/㎡) , SN10(10KN/㎡) , SN12.5(12.5KN/㎡) , SN16(16KN/㎡) , SN25(25KN/㎡)
- Material: Polyvinyl Chloride(PVC) mixed with Polyethylene (PE)
- Span life: over 50 years
- Size: full OD150mm through OD1200mm availability,fully OD 1100mm through OD 1400mm availability
- Standard: T/CECS 10011,compiled by ourself
- Joint Method: sealing ring
- Color: Atrovirens or customized
- Form supplied: plain end pipe, belled end pipe with 6m or upon request

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Application

- Urban drainage and sewage discharge
- The buried conduit of power cable pipe
- Farmland irrigation, municipal drainage or reconstruction sewage project

Specification For Nominal Inside Diameter

Unit: mm

Nominal Insidr Diameter (DN/ID)	Minimum mean Inside diameter (dim,min)	Minimum mean Outside diameter (dem,min)	Minimum joint length by socket (min)
100	95	110	32
125	120	135	38
150	145	173	60
200	195	228	78
250	245	283	81
300	294	345	99
400	392	460	118
500	490	570	150
600	588	693	165
800	785	896	219
1000	985	1150	250
1200	1185	1380	280

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Specification For Nominal Outside Diameter

Unit: mm

Norminal Outside Diameter (DN/ID)	Minimum mean Outside diameter (DN,min)	Maximum mean Outside diameter (DN,max)	Minimum mean inner diameter (Dim,min)	Minimum joint length By socket (min)	Mean inner Diameter at middle of end
110	109.4	110.4	90	32	109.4-112.4
160	159.1	160.5	134	60	159.1-162.5
200	198.8	200.6	167	75	198.8-202.6
250	248.5	250.8	209	78	248.5-252.8
315	313.2	316.0	263	81	313.2-318.0
400	397.6	401.2	335	129	397.6-402.2
500	497.0	501.5	418	132	497.0-503.5
630	626.3	631.9	527	165	626.3-633.9
800	795.2	802.4	669	219	795.2-804.4
900	895.2	902.4	785	223	905.0-906.0
1000	994.0	1003.0	837	235	994.0-1005.0
1200	1192.8	1203.6	1005	280	1192.8-1205.6
1400	1382.8	1403.6	1185	300	1382.8-1405.6

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Performance

Item		Index
Density/(kg/m)		≥1200
Ring-stiffness (KN/m²)	SN4	≥4
	SN8	≥8
	SN10	≥10
	SN12.5	≥12.5
	SN16	≥16
	SN20	≥20
	SN25	≥25
Vertical retraction/℃		≥72
Tensile-strength of Inner Layer (DN/IN > 300 , DN/OD≥315)		⩾24
Safe Burn		Extinguished away from the fire immediatelly
Drop-hammer Impact Test/%		TIR≤10
Oxygen Index		⩾32%
Ring-Flexiblity		no leakage,no pell out of 2 walls, no bend of back oriented
Oven Test		no leakage,no pell out
Creep Ratio/%		⩽4

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MPVE Double wall Corrugated Pipe and Accessories

Rubber Sealing Ring



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52141200101	ID200		
52141200102	ID300	102.73	
52141200103	ID400	127.27	
52141200104	ID500	283.64	
52141200106	ID600	575.45	
52141200107	ID800	1413.64	
52141200108	ID1000		
52141200109	ID1200		

How to Order

MPVE Double Wall Corrugated Pipe

Form supplied: plain end pipe, belled end pipe with 6m or upon request

Ring stiffness	Ordering No.	Size (mm)	Price/RMB
SN8	52141100214	ID200	181.82
	52141100208	ID300	327.27
	52141100209	ID400	463.64
	52141100211	ID500	798.82
	52141100212	ID600	1184.45
	52141100218	ID800	2078.73
	52141100215	ID1000	3005.73
	52141100216	ID1200	3671.18

Ring stiffness	Ordering No.	Size (mm)	Price/RMB
SN10	52141100508	ID200	215.55
	52141100505	ID300	337.09
	52141100501	ID400	525.32
	52141100502	ID500	898.00
	52141100509	ID600	1287.73
	52141100503	ID800	2197.09
	52141100510	ID1000	3220.45
	52141100511	ID1200	4418.18

Ring stiffness	Ordering No.	Size (mm)	Price/RMB
SN12.5	52141100312	ID200	250.36
	52141100304	ID300	341.55
	52141100313	ID400	595.00
	52141100314	ID500	1112.73
	52141100315	ID600	1429.32
	52141100311	ID800	2269.09
	52141100316	ID1000	3517.09
	52141100317	ID1200	5729.77

Ring stiffness	Ordering No.	Size (mm)	Price/RMB
SN16	52141100408	ID200	283.64
	52141100403	ID300	365.18
	52141100409	ID400	1046.68
	52141100410	ID500	1630.91
	52141100411	ID600	2152.82
	52141100407	ID800	3324.55
	52141100412	ID1000	5319.27
	52141100413	ID1200	7045.55

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Comparing With Advantage Performance of High Strength

1.High Toughness Test Verfication





2.High Toughness Test



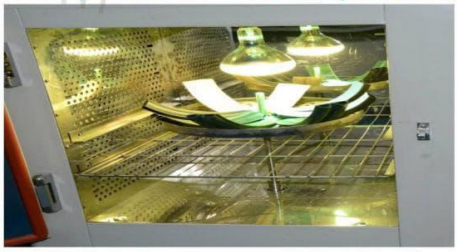
3.High Rigidity Test



4.Destructive Test
(one point impact)



5.Aging Test:
MPVE strength fall 13.5%.
PE strength fall 31.3%. PVC strength fall 28.6%



Installation



Cleaning surface / internal of pipe



Installing the rubber sealing ring on the 2nd peak of the wave,and remark the socket length. (2 rubber sealing rings can be installed if need.)

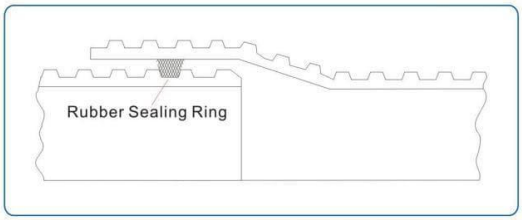
Installation procedure



Applying lubricant at the ends

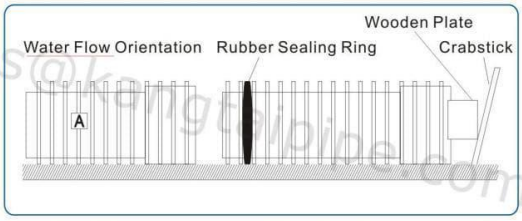


Socketing (notice not socket too depth in case of leakage as break inside wall of belled pipe end)



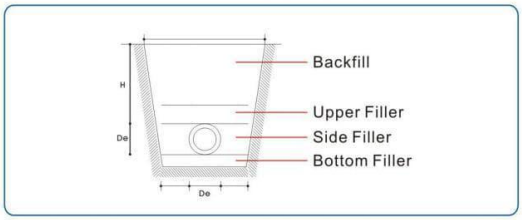
Rubber sealing ring by socket

Putting the rubber sealing ring inside of the 1st or 2nd groove, Requiring at least 4 grooves inside of the belled pipe end.



Pipe Connection

Socketing direction must same with water flow orientation, smaller size pipe can be socketed by crab stick and wooden plate together support. bigger size pipe uses cable rope to tense for each other pipe.



Combined pipe and soil

Covered soil depth over 0.7m, Adopoting thickness HO 0.1m of the coarse sand base.
Tight combining both sides and base, and the density over 95%.

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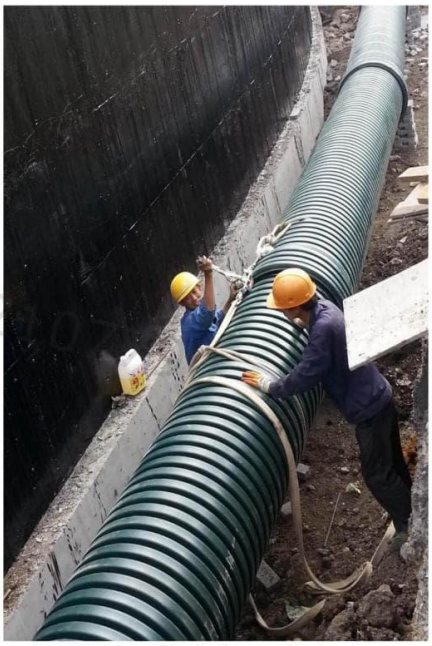
Projects Display



Yibin Piaoshuiyan Reservoir



Pujiang Village Smelly River
Comprehensive Engineering



Zunyi Huichuan District Sewage Discharge



Chongqing Yunyang County Sewage
Discharge Reconstruction



Chengdu City Haichang Polar
Region Ocean World



Chengdu Reconstruction in city



Guiyang New District



Guiyang Guanshan Lake



Pujiang Smelly River Reconstruction



Guiyang Front Plaza of North-station



Chengdu Bochuan Logistics Base

Production Equipment





sale

Production Equipment





PE Gas Pipe



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- Material:PE80 and PE100.non-toxic, imported from Borealis , SABIC , domestic or upon request
- Size: full 16mm through 630mm availability
- Pressure Rating: SDR11(1.6Mpa),SDR17(1.2Mpa),SDR21(0.8Mpa),SDR26(0.6Mpa)
- Not required of anti-corrosion treatment ,Light weight ,rarely maintenance
- Spanlife:Over 50 years

Features

- Non-toxic PE raw materials imported from Borealis,SABIC,Sinopec and domestic or upon request
- Good toughness, Effectively resistance to earthquake and foundation settlement
- Inner wall smoothly, with high gas flow speed: 20 m/s.
- Not required of anti-corrosion treatment, saving cost.
- Lightweight for easy to transport and installation, rarely maintenance
- The Most Working Pressure:0.7Mpa
- Working Temperature: from -20℃ to 40℃
- Joint Method: Electrical Socket/Butt Fusion, Ball Valves Connection
- Span life: Over 50 years
- Standard:GB 15558.1-2005；GB 15558.2-2005
- Material: PE80 and PE100
- Colors: PE80 Pipe: black with yellow stripes, PE100 Pipe: orange, black with orange stripes, other colors upon request
- Size: full 16mm through 630mm availability
- PE100 Pressure Rating: SDR11(1.6Mpa),SDR17(1.2Mpa),SDR21(0.8Mpa),SDR26(0.6Mpa)
- Form Supplied:
  - 9 meters straight length (dn＞63),
  - 100 meters coil length (dn40~dn63),
  - 200 meters coil length (dn20~dn32) ,
  - Other forms are also available upon request. Specially customized for SDR21 and SDR26 of non-buried gas pipe

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Application

- Urban transport gas pipeline buried
- Gas Type:

1. Natural Gas, included mine gas, pure gas and oil field gas, etc
2. LP-gas (liquefied petroleum gas)
3. The Artificial Coal Gas, included coke oven gas, water gas, oil gas and blast furnace gas, etc
4. Marsh Gas

Performance

Item	Requirements	Test Parameters	Test Method
Hydrostatic Strength	Breakdown time≥100h	20℃，Ring stress PE80:9.0Mpa PE100:12.4Mpa	GB/T 6111
	Breakdown time≥165h	80℃，Ring stress PE80:4.5Mpa PE100:5.4Mpa	
	Breakdown time≥1000h	80℃，Ring stress PE80:4.0Mpa PE100:5.0Mpa	
Breaking Elongation	≥350	—	GB/T 8804.3
Longitudinal Reversion	≤3%	110℃	GB/T 6671
Thermal Stability (oxydation induced time)	≥20min	200℃	GB/T 17391
Melt Mass Flow Rate (MFR)	Changes of MFR before and after processing	190℃ 5kg	GB/T 3682

Specification

DN(mm)	Minimum Wall Thickness			
	1.6Mpa(SDR 11)	1.0Mpa(SDR 17)	0.8Mpa(SDR 21)	0.6Mpa(SDR 26)
32	3.0	—	—	—
40	3.7	3.0	—	—
50	4.6	3.0	3.0	—
63	5.8	3.8	3.0	—
75	6.3	4.5	3.6	3.0
90	8.2	5.4	4.3	3.5
110	10.0	6.6	5.3	4.2
125	11.4	7.4	6.0	4.8
140	12.7	8.3	6.7	5.4
160	14.6	9.5	7.7	6.2
180	16.4	10.7	8.6	6.9
200	18.2	11.9	9.6	7.7
225	20.5	13.4	10.8	8.6
250	22.7	14.8	11.9	9.6
280	25.4	16.6	13.4	10.7
315	28.6	18.7	15.0	12.1
355	32.2	21.1	16.9	13.6
400	36.4	23.7	19.1	15.3
450	40.9	26.7	21.5	17.2
500	45.5	29.7	23.9	19.1
560	50.9	33.2	26.7	21.4
630	57.3	37.4	30.0	24.1

Priority of buried gas pipe of SDR11 and SDR17.
Customized for SDR21 and SDR26 upon request, applied in non-buried gas pipe.

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How to Order

PE Gas Pipe

Form Supplied:

- 9 meters straight length (dn>63),
- 100 meters coil length (dn40~dn63),
- 200 meters coil length (dn20~dn32) ,
- Other forms are also available upon request.
  Specially customized for SDR21 and SDR26 of non-buried gas pipe.

Ordering No.	Size (mm)	Price/RMB
52511100101	20x3.0	7.93
52511100102	25x3.0	10.07
52511100103	32x3.0	13.27
52511100104	40x3.7	20.47
52511100105	50x4.6	31.80
52511100106	63x5.8	50.07
52511100107	75x6.8	68.60
52511100108	90x8.2	99.23
52511100109	110x10.0	146.47
52511100110	125x11.4	191.60
52511100111	140x12.7	239.17
52511100112	160x14.6	310.93
52511100113	180x16.4	396.93
52511100114	200x18.2	484.67
52511100115	225x20.5	620.20
52511100116	250x22.7	763.33
52511100117	280x25.4	956.70
52511100118	315x28.6	1211.80
52511100119	355x32.2	1537.73
52511100120	400x36.4	1958.00
52511100121	450x40.9	2475.37
52511100122	500x45.5	3059.37
52511100123	560x50.9	3833.60
52511100124	630x57.3	4854.77

Ordering No.	Size (mm)	Price/RMB
52511100201	32x3.0	13.27
52511100202	40x3.0	16.90
52511100203	50x3.0	21.47
52511100204	63x3.8	33.93
52511100205	75x4.5	46.93
52511100206	90x5.4	67.60
52511100207	110x6.6	99.97
52511100208	125x7.4	128.73
52511100209	140x8.3	161.70
52511100210	160x9.5	209.43
52511100211	180x10.7	268.00
52511100212	200x11.9	327.87
52511100213	225x13.4	419.47
52511100214	250x14.8	514.97
52511100215	280x16.6	646.87
52511100216	315x18.7	819.70
52511100217	355x21.1	1042.30
52511100218	400x23.7	1319.37
52511100219	450x26.7	1672.03
52511100220	500x29.7	2066.43
52511100221	560x33.2	2587.43
52511100222	630x37.4	3278.83

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PE Gas Pipe fittings(Butt Fusion)

45°Elbow



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	75	39.55	
	90	39.55	
	110	55.85	
	160	165.45	
	200	291.08	
	250	599.08	
	315	933.93	

PE Gas Pipe Fittings(Butt Fusion)

Cap



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	75	11.85	
	90	26.03	
	110	39.60	
	125	40.73	
	160	97.70	
	200	184.33	
	250	263.80	
	315	430.30	

Equal Tee



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	90	104.80	
	110	143.08	
	160	329.75	
	200	594.83	

Equal Cross



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	75	37.83	
	90	60.13	
	110	91.90	
	125	180.05	
	160	246.33	
	200	457.60	
	225	694.13	
	250	900.00	
	315	1701.00	

Flange



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	75	22.80	
	90	26.30	
	110	41.88	
	125	52.33	
	160	97.70	
	200	184.33	
	250	263.80	
	315	430.30	
	355	1335.00	
	400	1372.50	
	450	1725.00	
	500	2025.00	

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PE Gas Pipe fittings(Butt Fusion)

Reducing Tee



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	75*40	33.50	
	75*50	34.20	
	75*63	37.13	
	90*32	47.25	
	90*40	49.53	
	90*50	50.50	
	90*63	51.88	
	90*75	52.33	
	110*32	79.90	
	110*40	81.20	
	110*50	81.20	
	110*63	82.35	
	110*75	85.85	
	110*90	90.73	
	125*75	168.65	
	125*90	171.90	
	125*110	173.05	
	140*110	277.50	
	160*63	183.43	
	160*75	184.25	
	160*90	189.83	
	160*110	193.13	
	200*63	357.95	
	200*90	362.20	
	200*110	364.70	
	200*160	436.80	
	250*90	520.35	
	250*110	560.05	
	250*160	649.75	
	250*200	724.63	
	315*90	846.10	
	315*110	929.75	
	315*160	1029.60	
	315*200	1299.48	

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90° Elbow



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	75	31.48	
	90	48.35	
	110	79.55	
	125	100.33	
	160	206.55	
	200	390.00	
	250	696.15	
	315	1296.50	

PE Gas Pipe fittings(Butt Fusion)

Reducing Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	75*50	19.28	
	75*63	19.48	
	90*32	20.50	
	90*40	20.50	
	90*50	20.90	
	90*63	22.68	
	90*75	26.90	
	110*40	32.68	
	110*50	33.10	
	110*63	34.28	
	110*75	36.88	
	110*90	37.48	
	125*90	53.43	
	125*110	58.90	
	160*63	80.35	
	160*75	80.35	
	160*90	86.58	
	160*110	92.05	
	160*125	92.05	
	200*90	135.33	
	200*110	141.95	
	200*160	170.83	
	225*110	285.00	
	225*160	190.53	
	250*110	219.83	
	250*160	261.70	
	250*200	271.05	
	250*225	375.00	
	280*225	510.00	
	315*90	345.15	
	315*110	342.35	
	315*160	392.35	
	315*200	394.68	
	315*225	816.00	
	315*250	441.00	
	400*200	1741.05	
	400*250	1470.00	
	400*315	1494.00	

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PE Gas Pipe Fittings(Electrical Fusion)

Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	20	15.60	
	25	17.83	
	32	18.65	
	40	19.80	
	50	28.48	
	63	33.55	
	75	57.78	
	90	64.95	
	110	85.80	
	125	123.00	
	160	169.63	
	200	364.30	
	225	587.78	
	250	672.43	
	315	843.60	
	355	1274.63	
	400	1755.88	
	500	3240.00	

90°Elbow



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	25	34.23	
	32	35.53	
	40	45.28	
	50	56.20	
	63	72.20	
	75	99.00	
	90	101.48	
	110	140.60	
	125	238.40	
	160	303.18	
	200	621.08	
	250	1470.00	
	315	1552.50	
	400	3897.00	

45°Elbow



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	50	67.63	
	63	70.90	
	90	119.80	
	110	158.95	
	160	400.20	
	200	621.08	
	250	1037.50	
	315	1369.60	
	400	2495.53	

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PE Gas Pipe Fittings(Electrical Fusion)

Reducing Tee



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Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	25*20	42.80	
	32*20	42.80	
	32*25	42.80	
	40*25	43.98	
	40*32	43.98	
	50*25	61.13	
	50*32	61.13	
	50*40	61.13	
	63*25	66.08	
	63*32	66.08	
	63*40	66.08	
	63*50	67.45	
	75*32	97.83	
	75*40	99.00	
	75*50	100.30	
	75*63	100.30	
	90*32	102.78	
	90*40	102.78	
	90*50	102.78	
	90*63	102.78	
	90*75	102.78	
	110*32	152.85	
	110*40	154.00	
	110*50	154.00	
	110*63	154.00	
	110*75	156.48	
	110*90	156.48	
	125*90	232.30	
	125*110	244.53	
	160*63	427.93	
	160*90	427.93	
	160*110	427.93	
	160*125	446.28	
	200*90	895.85	
	200*110	899.88	
	200*160	907.65	
	250*110	1317.48	
	250*160	1324.95	
	250*200	1388.10	
	315*110	2421.33	
	315*160	2421.33	
	315*200	2540.05	
	315*250	2542.50	
	400*110	4302.00	
	400*160	4309.20	
	400*200	4463.25	
	400*250	4318.50	
	400*315	4332.00	

PE Gas Pipe Fittings(Electrical Fusion)

Reducing Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	25*20	25.63	
	32*20	28.10	
	32*25	28.10	
	40*25	36.68	
	40*32	36.68	
	50*32	40.30	
	50*40	42.78	
	63*25	50.08	
	63*32	50.08	
	63*40	51.38	
	63*50	58.65	
	75*50	70.90	
	75*63	70.90	
	90*63	74.53	
	90*75	119.80	
	110*63	125.90	
	110*75	132.03	
	110*90	132.03	
	125*63	227.68	
	125*90	227.68	
	125*110	232.30	
	160*90	242.05	
	160*110	242.05	
	160*125	281.23	
	200*110	403.65	
	200*160	418.60	
	250*160	867.10	
	250*200	887.75	
	315*200	905.58	
	315*250	905.83	
	400*250	1605.50	
	400*315	1619.45	

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Equal Tee



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	20	34.23	
	25	34.23	
	32	34.23	
	40	46.45	
	50	56.20	
	63	67.25	
	75	100.30	
	90	102.78	
	110	158.95	
	125	256.75	
	160	446.28	
	200	934.38	
	250	1603.58	
	315	2443.75	
	400	5002.50	

PE Gas Pipe and Fittings(Ball Valves)

Standard Ball Valve



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	32	745.00	
	40	837.50	
	50	855.00	
	63	1162.50	
	90	1925.00	
	110	2687.50	
	160	5587.50	
	200	9925.00	
	250	13130.00	
	315	21070.00	

Single Release Ball Valve



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	1662.50	
	90	2687.50	
	110	3450.00	
	160	6890.00	
	200	11085.00	
	250	10937.50	
	315	22595.00	

Double Release Ball Valve



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63	1755.00	
	90	3450.00	
	110	4212.50	
	160	7115.00	
	200	11300.00	
	250	14045.00	
	315	23200.00	

Ball Valve Key (Common)

Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	63-315	250.00	

Warning Tape (with metal wire)

Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	15cm	1.98	
	20cm	2.38	

Warning Tape (without metal wire)

Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
	15cm	1.38	
	20cm	1.75	

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CPVC High Voltage Underground Power Cable Pipe



Tel:
sales@kangtaipipe.com

- Non-conductive: excellent electricity insulation, which resists 30KV voltage
- Size: full 110mm through 219mm availability
- High anti-stress: ring stiffness meet 10KN/m²
- Excellent heat-resistance, no change even over temperature up to 93℃
- Fire-resistance: Flame-retardant PVC resin,highly combustion-retardant,quickly self-extinguishing

Features

- Excellent resistance to aging and corrosion.Low friction.
- High anti-stress: ring stiffness meet 10KN/m²
- Excellent heat-resistance, no change even over temperature 93℃
- Fire-resistance: Flame-retardant PVC resin, highly combustion-retardant, quickly self-extinguishing
- Non-conductive: excellent electricity insulation, which resists 30kv voltage, assuring a safe system
- Lightweight for easy installation and transportation
- Joint Method: Glue(Solvent Cement)
- Size: full 110mm through 219mm availability
- Standard: QB/T 2479-2005
- Material: CPVC (Chlorinated polyvinyl chloride)
- Colors: Orange or customized upon request
- Form Supplied:
  6 meters straight length (included belled end),Other forms are also available upon request.

Tel: +86 18782107790

Application

- Layout power cable for traffic, road, bridge and urban road-lighting
- Urban power grid construction and reconstruction
- Urban municipal reconstruction project
- Industry zone、housing estate
- Civil airport project

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Performance

Item			Unit	Indicator
Vicat softening temperature			℃	≥93
Heat compression force in ring segment	Nominal wall thickness	5.0-8.0mm	KN	≥0.45
		≥8.0mm		≥1.26
Volume resistivity			Ω.m	≥1.0h 10"
Falling weight impact test			—	9/10
Longitudinal reversion			%	≤5

Specification

Unit: mm

Nominal Outside Diameter	Wall Thickness	Nominal Outside Diameter	Wall Thickness	Specification
110	5.0	192	6.5	110
139	6.0	192	8.5	139
160	6.0	200	6.5	160
167	6.0	219	7.0	167
167	8.0	219	9.5	192
Note: Other specifications and models must be customized if needed.				

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How to Order

CPVC High Voltage Underground Power Cable Pipe



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Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52411100101	75X2.2	35.20	
52411100102	75X2.3	36.77	
52411100103	75X3.0	47.50	
52411100104	90X2.8	53.67	
52411100105	110X2.8	66.00	
52411100106	110X3.0	70.57	
52411100107	110X3.2	75.13	
52411100108	110X4.0	93.23	
52411100109	110X5.0	115.43	
52411100110	139X6.0	175.43	
52411100111	160X4.0	137.20	
52411100112	160X4.4	150.53	
52411100113	160X5.0	170.40	
52411100114	160X6.0	203.13	
52411100115	160X8.0	267.33	
52411100116	167X6.0	212.37	
52411100117	167X8.0	279.67	
52411100125	192X6.0	245.37	
52411100118	192X6.5	265.10	
52411100119	192X7.0	284.70	
52411100120	192X7.5	304.23	
52411100121	192X8.5	342.93	
52411100122	200X6.0	255.90	
52411100123	200X6.5	276.53	
52411100124	200X8.0	337.70	

Form Supplied: 6 meters straight length (included belled end),
Other forms are also available upon request.

MPP Solid Wall Power Cable Pipe



Tel:
sales@kangtaipipe.com

- Excellent electricity insulation, which can resists over 10KV voltage. assuring a safe system
- Size:full 100mm through 250mm availability
- Excellent heart-resistance, low-temperature resistance, high anti-press outside
- Working temperature: from -5℃ to 70℃
- Lightweight for easy installation

Features

- Excellent resistance to corrosion. smooth, low friction
- Excellent electricity insulation, which resists 10kv voltage. assuring a safe system
- Non-conductive: excellent electricity insulation, which resists 10kv voltage, assuring a safe system
- Working temperature: from -5℃ to 70℃
- Lightweight for easy installation
- Colors: Orange
- Material: MPP(Modified Polypropylene)
- Standard: DL/T 802.7-2010
- Joint Method: Butt fusion
- Size: full 100mm through 250mm availability
- Form Supplied: 6 and 9 meters straight length. Other forms are also available upon request

Tel: +86 18782107790

Application

- Urban power grid construction and reconstruction
- Urban municipal reconstruction project
- Civil airport project
- Industry zone、housing estate
- Layout power cable for traffice, road, bridge and urban road-lighting

Specification

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DN(mm)	Wall Thickness(mm)			Length(mm)
	Ring-stiffness Class 3%(Normal Temperature)			
	SN24	SN32	SN40	
100	6	8	10	6000 or 9000
125	8	10	12	
150	10	12	14	
175	12	14	16	
200	14	16	18	
225	16	18	20	
250	18	20	22	

Performance

Item	Unit	Index
Density	g/cm³	0.90-0.94
Ring-stiffness Class 3% (Normal Temperature)	Kpa	SN24 Class≥24 SN32 Class≥32 SN40 Class≥40
Flattening Test	—	No leakage and rupture while flatted over 50% inner diameter
Drop-hammer Impact	—	No leakage and rupture
Vertical Retraction	℃	≥150
Tensil-strength	Mpa	Pipe≥25 Fusion Fitting≥22.5
Elongation	%	≥400
Bend-strength	Mpa	≥36

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Drop-hammer Impact Test

DN/ID(mm)	Drop-hammer Weight(±1%) (kg)	Height(±20) (mm)
100	6.0	1200
125	7.5	
150	10.0	
175	10.0	
200	12.5	
225	12.5	
250	15.0	
Remark:1.Test sample at least 8 hours keep temperature from -5+1℃ 2.Raduis of dorp-hammer is 50mm,diameter is 90mm		

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The Relative Loading Compared with 3% Ring-Stiffness (normal temperature)

DN(mm)	SN24		SN32		SN40	
	Ring-stiffness (Kpa)	Loading (Kn)	Ring-stiffness (Kpa)	Loading (Kn)	Ring-stiffness (Kpa)	Loading (Kn)
100	24	1.12	32	1.49	40	1.86
125	24	1.40	32	1.86	40	2.33
150	24	1.67	32	2.23	40	2.79
175	24	1.95	32	2.60	40	3.26
200	24	2.23	32	2.98	40	3.72
225	24	2.51	32	3.35	40	4.19
250	24	2.79	32	3.72	40	4.65

How to Order

MPP Solid Wall Power Cable Pipe



Ordering No.	Ring-stiffness (Kpa)	Size (mm)	Price/RMB	Package (pcs/carton)
52431100326	SN24	100X6.0	93.67	
52431100331	SN32	100X8.0	127.23	
52431100332	SN40	100X10.0	161.97	
52431100333	SN24	125X8.0	156.70	
52431100334	SN32	125X10.0	198.80	
52431100335	SN40	125X12.0	242.13	
52431100327	SN24	150X10.0	235.63	
52431100336	SN32	150X12.0	286.30	
52431100337	SN40	150X14.0	338.13	
52431100338	SN24	175X12.0	330.43	
52431100339	SN32	175X14.0	389.67	
52431100340	SN40	175X16.0	450.07	
52431100341	SN24	200X14.0	441.17	
52431100329	SN32	200X16.0	508.93	
52431100342	SN40	200X18.0	577.87	
52431100343	SN24	225X16.0	567.83	
52431100344	SN32	225X18.0	644.13	
52431100345	SN40	225X20.0	721.57	
52431100346	SN24	250X18.0	710.40	
52431100347	SN32	250X20.0	795.23	
52431100348	SN40	250X22.0	881.20	
52431100328		300X22.0	1078.87	

Form Supplied: 6 and 9 meters straight length. Other forms are also available upon request

Tel: +86-378-10290
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PVC-U Multihole Telecommunication Pipe



Tel: +86 18762107750
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- Varieties of holes specifications available
- Excellent resistance to corrosion and electricity insulation
- High intensity, effectively protecting the optical cable
- Excellent toughness, no fracture while flexible bending freely
- Size: inner diameter 28mm through 33mm availability

Features

- Varieties of holes specifications available to meet requirements in installation
- High intensity, effectively protecting the optical cable
- Excellent resistance to corrosion and electricity insulation
- Excellent toughness, no fracture while flexible bending freely
- Lightweight for easy installation
- Joint Method: Glue(Solvent Cement)
- Material: PVC-U (unplasticized polyvinyl chloride)
- Standard: YD/T 1324-2004
- Size: inner diameter 28mm through 33mm availability
- Colors: White
- Product Type: Honeycomb pipe, Grid pipe, Plum Pipe
- Form Supplied:6 meters straight length.Other forms are also available upon request

tel: +86 18782107790

Application

- Urban power grid construction and reconstruction
- Urban municipal reconstruction project
- Civil airport project
- Industry zone housing estate
- Layout power cable for traffice, road, bridge and urban road-lighting

Performance

Category	Serial NO.	Item name		Technical requirements
Mechanical and physical performance	1	Tensile yield strength		≥30Mpa
	2	Compressive performance	Compressive strength (used for grid-type pipe)	P=F/S；P≥600kPa
			Pipe stiffness (used for honeycomb pipes)	P_s=F/（△Y.L)；P_s≥2000kPa
			Flat test (for two kinds of pipes)	When the vertical pressure is pressurized to 75% of the height of the section ,unload and there is no rupture.
	3	Drop hammer impact		Take 10 specimens. After tested according to 533, there shall be at least 9 pieces without damage or cracks.
	4	Drop test		There shall be no damage or cracks after tested according to 534.
	5	Static friction coefficient		≤0.35
Environmental performance	6	Vicat softening temperature		≥79℃
	7	Longitudinal reversion		≤5%
Sealing performance	8	Connection sealing		After pressurizing the room temperature to 50kPa for 24 hours and testing, there is no leakage.

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Specification

Nominal value of honeycomb pipe specification Unit: mm

Model	Inner hole size	Inner wall thickness	Outer wall thickness	Width	Height
SVFY28*3	28	≥1.8	≥2.4	≤110	≤110
SVFY32*3	32				
SVFY28*5	28				
SVFY32*5	32				
SVFY28*7	27.5				
SVFY32*7	32				
Note: The inner hole size of the honeycomb pipe is the incircle diameter of the regular hexagon.					

Nominal value of grid pipe specification Unit: mm

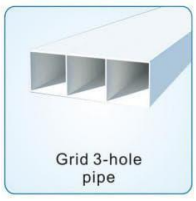
Model	Inner hole size	Inner wall thickness	Outer wall thickness	Width	Height
SVSY28*3	28	≥1.6	≥2.2	≤110	≤110
SVSY42*4	42	≥2.2	≥2.8		
SVSY48*4	48	≥2.6	≥3.2		
SVSY28*6	28	≥1.6	≥2.2		
SVSY33*6	33	≥1.8	≥2.2		
SVSY28*9	28	≥1.6	≥2.2		
SVSY33*9	33	≥1.8	≥2.2		
Note: The inner hole size of the grid pipe is the incircle diameter of the square					


Honeycomb 3-hole pipe

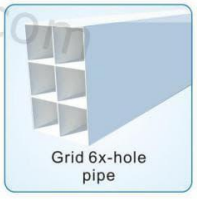

Honeycomb 5-hole pipe

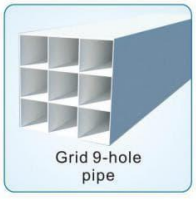

Honeycomb 7-hole pipe


Plum Blossom 7-hole Pipe


Grid 3-hole pipe


Grid 4r-hole pipe


Grid 6x-hole pipe

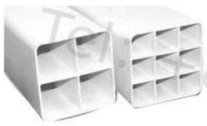

Grid 9-hole pipe

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How to Order

PVC-U Multihole Telecommunication Pipe

Grid Pipe



Ordering No.	Size (mm)	Price/RMB	Remark
52311100216	42X4	59.97	4-hole
52311100217	48X4	69.67	4-hole
52311100222	50X4(109)	78.53	4-hole
52311100218	28X9	51.83	9-hole
52311100219	33X9	69.67	9-hole

Coupling



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52311200701	33X9	10.70	
52311200501	33X9	19.33	
52311200502	42X4(28X9)	16.50	
52311200702	48X4	10.10	
52311200703	42X4(28X9)	8.60	
52311200704	109X109	16.50	

PVC-U Plum Blossom Pipe

Grid Pipe



Ordering No.	Size (mm)	Price/RMB	Remark
52311100308	32X7	47.87	7-hole

Coupling



Ordering No.	Size (mm)	Price/RMB	Remark
52311200603	32X7	13.93	7-hole

Tel: +86 13782107790
sales@kangtaipipe.com

PVC-U Solid Wall Telecommunication Pipe



Tel: +86 18782107790
sales@kangtaipipe.com

- Excellent resistance to corrosion and acid-base, no pollution for soil.
- Non-conductive: excellent electricity insulation, assuring a safe system.
- Excellent rigidity and impact resistance.
- Lightweight for easy installation and transport.
- Size: full 40mm through 160mm availability.

Features

- Excellent resistance to corrosion and acid-base, no pollution for soil.
- Non-conductive: excellent electricity insulation, assuring a safe system.
- Excellent rigidity and impact resistance.
- Lightweight for easy installation and transport.
- Joint Method: Glue(Solvent Cement) of the belled end pipe.
- Material: PVC-U (unplasticized polyvinyl chloride) .
- Size: full 40mm through 160mm availability.
- Standard: YDT841.2-2016.
- Colors: White or customized.
- Form Supplied: 6 meter straight length. Other forms are also available upon request.

Tel: +86 18782107790

Application

- Outdoor telecommunication cable.
- Public network.
- Public transmission system.
- Cable TV network.
- Highway telecommunication cable.
- The optical cable pipeline system.

Performance

Item	Technical Index
Drop hammer impact test(0℃)	No rupture in 9/10
Ring stiffness(KN/m²)	SN6.3 grade:≥0.63 SN8 grade:≥8
Flattening test	When the vertical external diameter variable is 25%, unload immediately. There shall be no rupture in the pattern.
Static friction coefficient	≤0.35
Connecting and sealing performance	No leakage

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Specification

Unit: mm

Nominal outside diameter(mm)	Grade(mm)	Wall Thickness(mm)
40	SN8	1.6
50	SN6.3	1.6
	SN8	1.8
63	SN6.3	1.8
	SN8	2.0
75	SN6.3	2.0
	SN8	2.2
90	SN6.3	2.2
	SN8	2.5
110	SN6.3	2.8
	SN8	3.2
125	SN6.3	3.3
	SN8	3.6
160	SN6.3	3.8
	SN8	4.4

Tel: +86 18762107790

How to Order

PVC-U Solid Wall Telecommunication Pipe

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Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52311100111	40X1.6	7.23	
52311100112	50X1.6	9.13	
52311100113	63X1.8	13.00	
52311100114	75X2.0	17.20	
52311100115	90X2.2	22.77	
52311100116	100X2.6	29.87	
52311100117	110X2.8	35.40	
52311100119	125X3.3	47.37	
52311100120	140X3.5	56.33	
52311100121	160X3.8	69.97	

Form Supplied: 6 meter straight length. Other forms are also available upon request.

PE Solid Wall Telecommunication Pipe

Tel: +86 18782107790



sales@kangtaipipe.com

- Non-toxic PE raw material, no pollution for soil
- Excellent resistance to corrosion and acid-base, longer span life
- Excellent rigidity and roughness, good resistance to impact, earthquake, and aging
- Lightweight for easy installation and transport
- Size: full 25mm through 160mm availability

Features

- Non-toxic PE raw material, no pollution for soil
- Excellent rigidity and roughness, good resistance to impact, earthquake, and aging
- Excellent resistance to corrosion and acid-base, longer span life
- Lightweight for easy installation and transport
- Material: PE100 (Polyethylene)
- Size: full 25mm through 160mm availability
- Joint Method: Butt fusion and socket with casing
- Standard: YDT841.2-2016
- Colors: White
- Form Supplied:
  6 meter straight length. 200m,300m and 500m Coil length.
  Other forms are also available upon request

tel: +86 18782107790

Application

- Outdoor telecommunication cable
- Public network
- Public transmission system
- Cable TV network
- Highway telecommunication cable
- The optical cable pipeline system

sales@kangtaipipe.com

Performance

Item	Technical indicators
Drop hammer impact test(0℃)	No rupture in 9/10
Ring stiffness(KN/m²)	≥6.3
Flattening test	No rupture
Friction coefficient	Dry place＜0. 363, with bentonite≤0.155

Specification

Unit: mm

Nominal external diameter(mm)	Grade(mm)	Wall thickness(mm)
50	SN6.3	2.1
	SN8	2.3
63	SN6.3	2.3
	SN8	2.5
75	SN6.3	2.5
	SN8	2.9
90	SN6.3	2.8
	SN8	3.5
110	SN6.3	4.2
	SN8	4.8
125	SN6.3	4.4
	SN8	5.0
160	SN6.3	4.8
	SN8	6.2

Tel:+86 18781107790

How to Order

PE Solid Wall Telecommunication Pipe



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52321100135	50X2.1	11.10	
52321100101	50X2.3	12.13	
52321100102	50X4.0	20.37	
52321100103	60X5.0	30.43	
52321100104	63X2.3	15.47	
52321100105	63X2.5	16.73	
52321100126	63X4.7	30.33	
52321100106	75X2.5	20.07	
52321100107	90X3.5	33.53	
52321100108	105X4.5	50.07	
52321100109	105X4.8	53.23	
52321100111	110X4.2	49.20	
52321100112	110X4.8	55.90	
52321100113	110X5.0	58.13	
52321100114	110X6.0	69.07	
52321100115	110X8.0	90.20	
52321100110	110X10.0	110.57	
52321100117	160X4.8	82.47	
52321100118	160X6.0	102.30	
52321100119	160X6.2	105.57	
52321100142	160X8.0	134.63	
52321100116	160X10.0	166.07	

sales@kangtaipipe.com

Form Supplied:
6 meter straight length. 200m,300m and 500m Coil length. Other forms are also available upon request

HDPE Silicone Core Telecommunication Pipe



Tel: +86 [illegible]
sales@kangtaipipe.com

- Excellent resistance to corrosion, water, humidity and pest
- Flexible, permanent smooth, low friction, silicone materials adhered to inside wall stabile
- Non-conductive: excellent electricity insulation, assuring a safe system
- Working temperature: from -40℃ to 80℃
- Lightweight for easy installation

Features

- Excellent resistance to corrosion, water, humidity and pest
- Flexible, permanent smooth, low friction, silicone materials adhered to inside wall stabile
- Non-conductive: excellent electricity insulation, assuring a safe system
- Working temperature: from -40℃ to 80℃
- Material: HDPE(High-Density Polyethylene)
- Size: full 32mm through 63mm availability
- Lightweight for easy installation
- Joint Method: threaded fittings
- Standard: YDT841.4-2016
- Colors: Black with stripes, or customized
- Span life: over 50 years
- Form Supplied:1m,2m,3m straight length. Other forms are also available upon request

Tel: +86 18782107790

Application

- Outdoor telecommunication cable
- Public network
- Public transmission system
- Cable TV network
- Highway telecommunication cable
- The optical cable pipeline system

sales@kangtaipipe.com

Performance

Inspection item	Unit	Technical indicators
Tensile strength	Mpa	≥18
Breaking elongation	%	≥350
Drop hammer impact	—	9/10 No rupture
Longitudinal reversion	%	≤3
Flattening test	—	When the vertical external diameter variable is 40%, unload immediately. There shall be no delamination or rupture in the pattern.
Ring stiffness	KN/m^2	≥16
Static friction coefficient of inner wall		≤0.25
Low temperature drop test	—	No rupture or delamination
Connecting and sealing performance	—	No leakage
Recovery rate	—	≥80%，There shall be no delamination or rupture in the pattern.

Specification

Unit: mm

Specification OD/ID	Mean external diameter(mm)	Allowable deviation for mean external diameter (mm)	Minimum internal diameter	Wall thickness of inner layer	Non-circularity	
					Before winding the plate	After winding the plate
32/26	25	+0.3	20	≥0.2	≤1.5	≤20
34/28	32	+0.3	26	≥0.2	≤2	≤3
40/33	40	+0.3	33	≥0.2	≤2.5	≤3.5
46/38	46	+0.4	38	≥0.2	≤3	≤5
50/41	50	+0.4	41	≥0.2	≤3	≤5
63/54	63	+0.4	54	≥0.2	≤3	≤5

Tel: +86 18782107790

How to Order

HDPE Solicone Core Telecommunication Pipe



Ordering No.	Size (mm)	Price/RMB	Package (PCS/CTN)
52321101801	34/28(1X4 white)	10.80	
52321101802	34/28(1X4 red)	10.80	
52321101803	34/28(1X4 blue)	10.80	
52321101804	34/28(1X4 green)	10.80	
52321101805	40/33	14.83	

Form Supplied:1m,2m,3m straight length. Other forms are also available upon request

sales@kangtaipipe.com

KANGTAI PIPE
Solution Provider For Plumbing Systems

Why KANGTAI

Production Base

Chengdu Headquarters





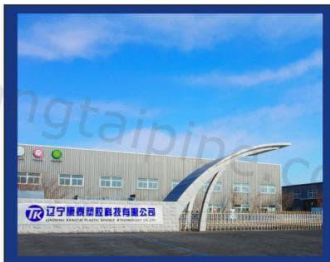
Zhejiang



Henan



HeBei



Liaoning



Guangdong

Production Base	Equipments	Specifications	Annual Capacity	Registered Capital	Assets Capital
6	1000+ sets	10000+	80+ Thousands Tons	284 Millions rmb	2+ Billions rmb

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KANGTAI PIPE
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Why KANGTAI

Workshops



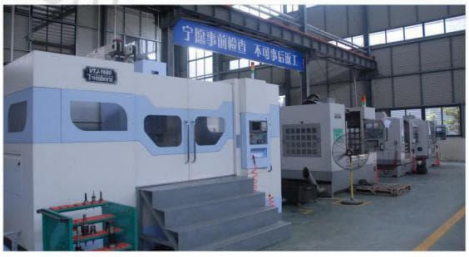












KANGTAI PIPE
Solution Provider For Plumbing Systems

Why KANGTAI

Raw-materials & Product Storages

















Kangtai R & D Center National High-tech Enterprise

◎Kangtai focus on technology innovation as the development foundation.
◎The R&D department is founded in 2001.
◎Recognized as a national laboratory CNAS.
◎More tahn 60 scientific researchers.
◎Including 9 external experters,3 senior technical leaders and 3 Doctors.
◎Researched and Developed to mang kinds of new products to meet customers' request.
◎Kangtai owns more than 130 patents .

Strictly Quality Inspection

By thoroughly introducing advanced mode rn inspection equipment at home and abroad.

Strictly Quality Inspection

By thoroughly introducing advanced mode rn inspection equipment at home and abroad.

DOUBLE ZERO DEFECTS RULES:zero enter the factory,zero out of the factory.



KANGTAI PIPE
Solution Provider For Plumbing Systems

Pioneer Projects

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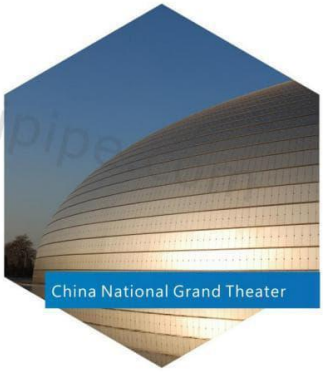

Beijing Olympic Games


National Swim Center


Capital Airport

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Shanghai World Exposition


China National Grand Theater


National Trade Mark Building

China KANGTAI has maintained a long-term strategic cooperative relationship with the famous domestic real estate group.

Strategic Coorperate With Top 20 Real-Estate Enterprises

万科 让建筑赞美生命

保利地产

SUNAC 融创 至臻，致远

恒大地产集团 EVERGRANDE REAL ESTATE GROUP

碧桂园 COUNTRY GARDEN

万达集团 WANDA GROUP

seazen 新城控股

绿地集团 中国驰名商标丨中国百强企业

雅居乐集团 雅居樂

蓝光地产 用心建筑生活

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中国建筑

中国铁建

中国电建 POWERCHINA

中国核建 China Nuclear E&C Group

中国石油

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Web