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PVC Pipe and Fittings



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**Beijing Zhongcaiwanxin Science & Technology Co., Ltd**



## BEIJING ZHONGCAIWANXIN SCIENCE & TECHNOLOGY CO., LTD

Beijing Zhongcaiwanxin Science & Technology Co., Ltd. is a modernized enterprise integrating research development, manufacturing and sales of plastic pipes and fittings.

There are 4 manufacturing bases throughout Beijing, Hebei and northeast China possessing more than 70 international standard production lines with annual production capacity of over 100 thousand tons. Our main products includes HDPE pipes, PVC-U pipes, PP-R pipes, M-PP electric conduit, PE-RT pipes, siphon drainage, gas pipeline and double corrugated pipes.

Since its establishing, we adhere to the "exquisite quality, excellence-pursuing" approach, and unremittingly carry out the implementation of ISO9001: 2008 quality management system, ISO14001 environmental management system, ISO28001 occupational health and safety management system, Xinhua water-saving authentication and Beijing sanitation permission. Through continuous development, we have set up 30 more wholly-owned subsidiaries in Beijing, Hebei, Shandong, northeast China, Inner Mongolia and other provinces and cities, and our business spreads to most of the rural areas with a sound service system, which has been widely recognized by the industries .

"Endeavor to be the leading enterprise of Chinese pipe industry " is the common goal of everyone holding Qianxin Brand.

We are willing to hold hands with friends from the community and social circles to make commit ourselves to new friendly-environmental pipeline service of our world!

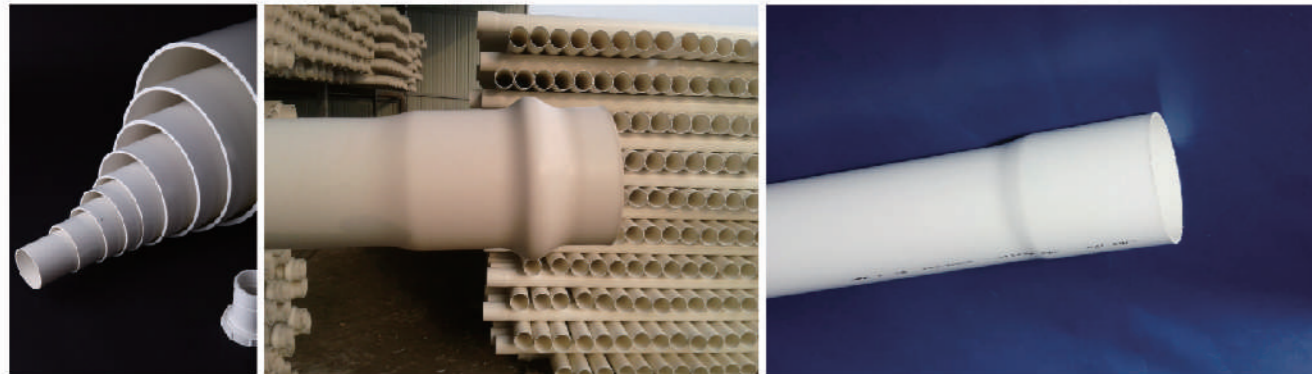
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**PVC-U Pipe for Water Supply**

- **Material:** Unplasticized Poly (Vinyl Chloride)
- **Nominal Pressure:** 0.63Mpa, 0.8Mpa, 1.0Mpa, 1.25Mpa, 1.6Mpa, 2.0Mpa, 2.5Mpa
- **Nominal Outside Diameter:** from 16mm to 630mm fully available
- **Standard:** ISO4422, BS EN1452, GB/T10002.1
- **Color:** White, Gray, Blue, Yellow, Orange, or others upon request
- **Pipe end:** 1: Plain end  
2: Pipe end for ring seal joint  
3: Pipe end for solvent cement joint



Plain end

Gasketed end

Bell end

**Technical Specifications:**

Property		Testing Result	Testing Standard
Specific Gravity, kg/m <sup>3</sup>		1350-1460	ISO 1183
Longitudinal reversion (150°C)		≤5%	ISO 2505
Vicat Softening Temperature		≥80°C	ISO 2507
Dichloromethane Resistance Test (15°C, 15min)		No attack at any part of surface	ISO 9852
Falling Weight Impact Test, TIR (0°C)		≤5%	ISO 3127
Hydro-static Pressure Resistance	Dn≤90, 20°C	4.2Mps, 1h	No Failure
		3.2Mpa, 1000h	No Failure
	Dn>90, 20°C	3.36Mps, 1h	No Failure
		2.56Mpa, 1000h	No Failure
All size, 60°C	12.5Mpa, 1000h	No Failure	
Fitness Test for Purpose of the System	Leak tightness Test		No Failure
	Negative Pressure Test for Leak tightness		No Failure
	Angular Deflection Test for Leak tightness		No Failure

PN 0.63Mpa (6.3bar)		
Nominal Outside diameter (mm)	SDR	Thickness(mm)
40	33	1.5
50	33	1.6
63	33	2.0
75	33	2.3
90	33	2.8
110	41	2.7
125	41	3.1
140	41	3.5
160	41	4.0
180	41	4.4
200	41	4.9
225	41	5.5
250	41	6.2
280	41	6.9
315	41	7.7
355	41	8.7
400	41	9.8
450	41	11.0
500	41	12.3
560	41	13.7
630	41	15.4

PN 0.8Mpa (8bar)		
Nominal Outside diameter (mm)	SDR	Thickness(mm)
32	26	1.5
40	26	1.6
50	26	2.0
63	26	2.5
75	26	2.9
90	26	3.5
110	33	3.4
125	33	3.9
140	33	4.3
160	33	4.9
180	33	5.5
200	33	6.2
225	33	6.9
250	33	7.7
280	33	8.6
315	33	9.7
355	33	10.9
400	33	12.3
450	33	13.8
500	33	15.3
560	33	17.2
630	33	19.3

PN 1.0Mpa (10bar)		
Nominal Outside diameter (mm)	SDR	Thickness(mm)
32	21	1.6
40	21	1.9
50	21	2.4
63	21	3.0
75	21	3.6
90	21	4.3
110	26	4.2
125	26	4.8
140	26	5.4
160	26	6.2
180	26	6.9

PN 1.0Mpa (10bar)		
Nominal Outside diameter (mm)	SDR	Thickness(mm)
200	26	7.7
225	26	8.6
250	26	9.6
280	26	10.7
315	26	12.1
355	26	13.6
400	26	15.3
450	26	17.2
500	26	19.1
560	26	21.4
630	26	24.1

PN 1.25Mpa (12.5bar)		
Nominal Outside diameter (mm)	SDR	Thickness(mm)
25	17	1.5
32	17	1.9
40	17	2.4
50	17	3.0
63	17	3.8
75	17	4.5
90	17	5.4
110	21	5.3
125	21	6.0
140	21	6.7
160	21	7.7
180	21	8.6
200	21	9.6
225	21	10.8
250	21	11.9
280	21	13.4
315	21	15.0
355	21	16.9
400	21	19.1
450	21	21.5
500	21	23.9
560	21	26.7
630	21	30.0

PN 1.6Mpa (16bar)		
Nominal Outside diameter (mm)	SDR	Thickness(mm)
20	13.6	1.5
25	13.6	1.9
32	13.6	2.4
40	13.6	3.0
50	13.6	3.7
63	13.6	4.7
75	13.6	5.6
90	13.6	6.7
110	17	6.6
125	17	7.4
140	17	8.3
160	17	9.5
180	17	10.7
200	17	11.9
225	17	13.4
250	17	14.8
280	17	16.6
315	17	18.7
355	17	21.1
400	17	23.7
450	17	26.7
500	17	29.7


PN 2.0Mpa (20bar)		
Nominal Outside diameter (mm)	SDR	Thickness(mm)
16	11	1.5
20	11	1.9
25	11	2.3
32	11	2.9
40	11	3.7
50	11	4.6
63	11	5.8
75	11	6.8
90	11	8.2
110	13.6	8.1
125	13.6	9.2
140	13.6	10.3
160	13.6	11.8
180	13.6	13.3
200	13.6	14.7
225	13.6	16.6
250	13.6	18.4
280	13.6	20.6
315	13.6	23.2
355	13.6	26.1
400	13.6	29.4
450	13.6	33.1
500	13.6	36.8


PN 2.5Mpa (25bar)		
Nominal Outside diameter (mm)	SDR	Thickness(mm)
16	9	1.8
20	9	2.3
25	9	2.8
32	9	3.6
40	9	4.5
50	9	5.6
63	9	7.1
75	9	8.4
90	9	10.1
110	11	10.0
125	11	11.4
140	11	12.7
160	11	14.6
180	11	16.4
200	11	18.2





PVC-U Solvent Weld Fittings for water supply (ISO Standard Series)





Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Coupling (Soc X Soc )	20	1000	56*48*37
	25	660	
	32	460	
	40	240	
	50	260	
	63	160	
	75	100	
	90	50	
	110	48	
	125	48	
	140	36	
	160	10	
	200	4	54*32*32
	250	2	
	315	1	


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Equal Tee (Soc X Soc X Soc)	20	500	72*47*55
	25	330	
	32	150	
	40	140	
	50	120	
	63	50	
	75	36	
	90	24	
	110	10	
	125	8	
	140	6	
	160	3	
	200	2	
	250	1	
315	1		


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Elbow 90° (Soc X Soc )	20	500	72*47*55
	25	330	
	32	200	
	40	120	
	50	120	
	63	72	
	75	48	
	90	48	
	110	36	
	125	36	
	140	24	
	160	10	
	200	4	
	250	1	
	315	1	


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Elbow 45° (Soc X Soc )	20	510	72*47*55
	25	340	
	32	220	
	40	140	
	50	120	
	63	72	
	75	48	
	90	48	
	110	36	
	125	36	
	140	24	
	160	10	
	200	4	
	250	1	
315	1		


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	25*20	650	54*28*32
	32*20	640	
	32*25	640	
	40*20	336	
	40*25	336	
	40*32	288	
	50*20	210	
	50*25	210	
	50*32	175	
	50*40	175	
	63*20	240	
	63*25	240	
	63*32	240	
	63*40	240	
	63*50	200	
Reducer (Soc X Soc)	75*50	150	72*47*55
	75*63	150	
	90*50	96	
	90*63	96	
	90*75	96	
	110*50	50	
	110*63	50	
	110*75	50	
	110*90	50	
	125*110	24	
	140*125	15	
	160*110	15	
	200*110	6	
	200*160	6	
	250*160	3	
250*200	3		
315*160	2		
315*200	2		
315*250	2		


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	25*20	320	54*28*32
	32*20	180	
	32*25	180	
	40*20	140	
	40*25	140	
	40*32	140	
	50*20	120	
	50*25	120	
	50*32	120	
	50*40	120	
	63*20	90	
	63*25	90	
	63*32	90	
	63*40	90	
	63*50	90	
Reducing Tee (Soc X Soc X Soc)	75*50	50	72*47*55
	75*63	50	
	90*50	36	
	90*63	36	
	90*75	36	
	110*50	20	
	110*63	20	
	110*75	20	
	110*90	20	
	125*110	12	
	140*125	9	
	160*110	5	
	200*110	3	
	200*160	2	
	250*160	2	
250*200	2		
315*160	2		
315*200	2		
315*250	2		


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	25*20	330	54*28*32
	32*20	200	
	32*25	200	
	40*20	120	
	40*25	120	
	40*32	120	
	50*20	120	
	50*25	120	
	50*32	120	
	50*40	120	
	63*20	90	
	63*25	90	

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	20*1/2"	840	54*28*32
	25*3/4"	760	
	32*1"	400	
	40*1 1/4"	210	
	50*1/2"	180	
	63*2"	210	
	75*2 1/2"	120	
	90*3"	80	
	110*4"	48	
	125*5"	24	
	140*6"	15	
	160*8"	10	


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	20*1/2"	840	54*28*32
	25*3/4"	760	
	32*1"	400	
	40*1 1/4"	210	
	50*1/2"	180	
	63*2"	210	
	75*2 1/2"	120	
	90*3"	80	
	110*4"	48	
	125*5"	24	
	140*6"	15	
	160*8"	10	

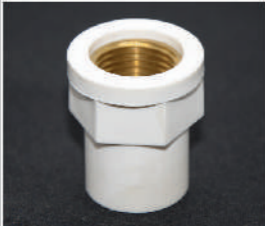
Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)	
	20	240	54*28*32	
	25	160		
	32	120		
	40	240		
	Union (Soc X Soc)	50	200	72*47*55
		63	120	
		75	80	
		90	96	


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	20	180	72*47*55
	25	150	
	32	120	
	40	100	
	50	80	
	63	60	
	75	40	
	90	30	
	110	18	
	160	6	
	200	4	
	250	2	
315	2		

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	20	1450	54*28*32
	25	1000	
	32	560	
	40	420	
	50	240	
	63	120	
	75	160	
	90	120	
	110	72	
	160	36	
	200	12	





Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Ball valve (Soc X Soc )	20	288	54*28*32
	25	210	
	32	180	
	40	432	72*47*55
	50	240	
	63	168	
	75	60	
	90	60	
	110	36	

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Brass Insert Female Adapter (Soc X fmpt )	20*1/2"	840	54*28*32
	25*1/2"	760	
	25*3/4"	760	
	32*1/2"	400	
	32*3/4"	400	
	32*1"	400	

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Ball valve (fmpt X fmpt )	20	288	54*28*32
	25	210	
	32	180	
	40	432	72*47*55
	50	240	
	63	168	
	75	60	
	90	60	
	110	36	

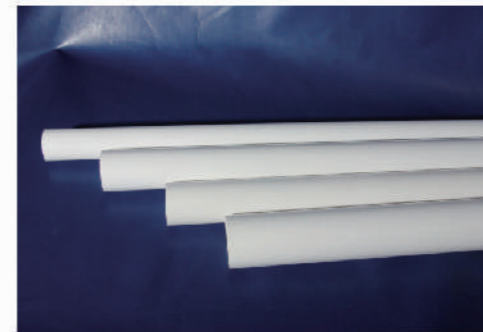
Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Brass Insert Female Elbow (Soc X fmpt )	20*1/2"	840	54*28*32
	25*1/2"	760	
	25*3/4"	760	
	32*1/2"	400	
	32*3/4"	400	
	32*1"	400	

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Flexible connector (Soc X Soc )	20	288	54*28*32
	25	210	
	32	180	
	40	432	72*47*55
	50	240	
	63	168	
	75	60	
	90	60	
	110	36	
	160	18	

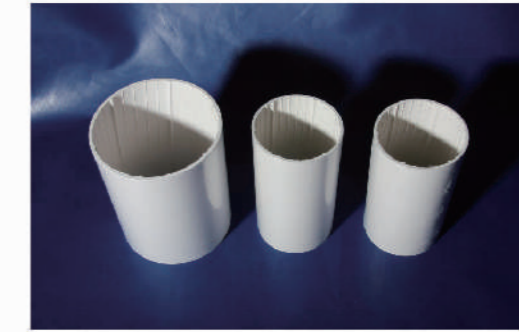
Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Brass Insert Female Tee (Soc X fmpt )	20*1/2"	840	54*28*32
	25*1/2"	760	
	25*3/4"	760	
	32*1/2"	400	
	32*3/4"	400	
	32*1"	400	

### PVC-U Pipe for Non-Pressure Underground Drainage and Sewerage

**Material:** Unplasticized Poly (Vinyl Chloride)  
**Internal Wall:** Smooth type or Spiral type  
**External Wall:** Smooth type  
**Nominal Outside Diameter:** from 32mm to 630mm fully available  
**Standard:** ISO3633, BS EN1401, GB/T5836  
**Color:** White, Gray, Blue, Yellow, Orange, or others upon request  
**Pipe end:** 1: Plain end  
 2: Pipe end for ring seal joint  
 3: Pipe end for solvent cement joint



Smooth type



Spiral type

#### Technical Specifications:

Property	Testing Result	Testing Standard
Specific Gravity, kg/m <sup>3</sup>	1350-1550	ISO 1183
Longitudinal reversion (150°C)	≤5%	ISO 2505
Vicat Softening Temperature	≥79°C	ISO 2507
Dichloromethane Resistance Test (15°C, 15min)	No attack at any part of surface	ISO 9852
Falling Weight Impact Test, TIR (0°C)	≤10%	ISO 3127

Outside diameter OD(mm)	Thickness (mm)	Standard
32	3	ISO 3633
40	3	
50	3	
63	3	
75	3	
90	3	
110	3.2	
125	3.2	
140	3.2	
160	3.2	
180	3.6	
200	3.9	
250	4.9	
315	6.2	


Outside diameter OD(mm)	Thickness (mm)	Standard
32	2	GB/T5836
40	2	
50	2	
75	2.3	
90	3	
110	3.2	
125	3.2	
160	4	
200	4.9	
250	6.2	
315	7.8	


Outside diameter OD(mm)	Thickness(mm)			Standard
	SN2 SDR51	SN2 SDR51	SN2 SDR51	
110	--	2.9	2.9	BS EN 1401
125	--	2.9	3.4	
160	2.9	3.6	4.3	
200	3.6	4.4	5.4	
250	4.5	5.5	6.6	
315	5.6	6.9	8.3	
355	6.3	7.8	9.4	
400	7.1	8.8	10.6	
450	8	9.9	11.9	
500	8.9	11.1	13.2	
630	11.1	13.9	16.6	


PVC-U Solvent Weld Fittings for Non-Pressure Underground Drainage and Sewerage








Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	1080	72*47*55
	75	378	
	110	120	
	160	36	
	200	12	
Coupling (Soc X Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	1080	72*47*55
	75	378	
	110	120	
	160	36	
	200	12	
Coupling with checking hole (Soc X Soc)			


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	75*50	378	72*47*55
	110*50	120	
	110*75	120	
	160*110	36	
Reducing Coupling (Soc X Soc)			


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	120	72*47*55
	75	105	
	110	30	
	160	4	
Plain cross (Soc X Soc)			


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	540	72*47*55
	75	189	
	110	60	
	160	18	
	200	6	
Elbow 90° (Soc X Soc)			


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	540	72*47*55
	75	189	
	110	60	
	160	18	
Elbow 90° with checking hole (Soc X Soc)			


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	75*50	189	72*47*55
	110*50	60	
	110*75	60	
	160*110	18	
	200*110	6	
	200*160	6	
Reducing Tee (Soc X Soc)			


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	75*50	105	72*47*55
	110*50	30	
	110*75	30	
	160*110	4	
Reducing cross (Soc X Soc)			


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	540	72*47*55
	75	189	
	110	60	
	160	18	
	200	6	
Elbow 45° (Soc X Soc)			


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	540	72*47*55
	75	189	
	110	60	
	160	18	
Elbow 45° with checking hole (Soc X Soc)			


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	110*50	60	72*47*55
	110*75	60	
Bottle Neck Tee (Soc X Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	120	72*47*55
	75	105	
	110	30	
45° Y cross (Soc X Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	540	72*47*55
	75	189	
	110	60	
	160	18	
	200	6	
Equal Tee (Soc X Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	540	72*47*55
	75	189	
	110	60	
	160	18	
	200	6	
45°Y Tee (Soc X Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	75*50	189	72*47*55
	110*50	60	
	110*75	60	
	160*110	18	
	200*110	6	
	200*160	6	
45° Reducing Y Tee (Soc X Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	75*50	105	72*47*55
	110*50	30	
	110*75	30	
	160*110	4	
45° Reducing Y cross (Soc X Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	120	72*47*55
	75	105	
	110	30	
Cubic cross (Soc X Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	75*50	105	72*47*55
	110*50	30	
	110*75	30	
	160*110	4	
Reducing cubic cross (Soc X Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	660	72*47*55
	75	200	
	110	80	
	160	18	
Clean Out (Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	540	72*47*55
	110	72	
	160	12	
Square floor drain (Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	1080	72*47*55
	75	378	
	110	120	
	160	36	
Vent Cap (Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	420	72*47*55
	75	270	
	110	72	
	160	24	
	200	12	
Extension joint (Soc X Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	660	72*47*55
	75	200	
	110	80	
	160	18	
Terrace Clean Out (Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	75	99	72*47*55
	110	28	
	160	20	
Square rain water hopper (Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	48	72*47*55
	75	36	
	110	24	
	160	6	
S Trap (Soc X Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	75*75	24	72*47*55
	110*75	8	
	110*110	8	
	160*75	3	
	160*110	3	
H-Pipe (Soc X Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	660	72*47*55
	75	200	
Round floor drain (Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	1600	54*28*32
	75	1120	
	110	320	
	160	240	
Pipe clamp (Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	48	72*47*55
	75	36	
	110	24	
	160	6	
P Trap (Soc X Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	110	75	72*47*55
WC connector (Soc X Soc)			

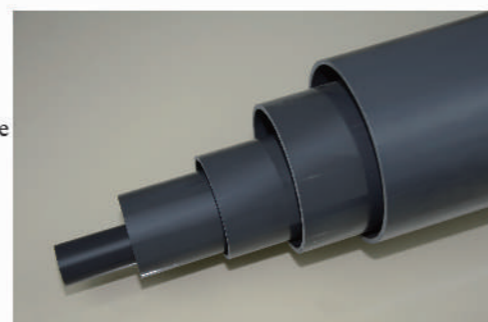
Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	50	330	72*47*55
High-deep Round floor drain (Soc)			

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
	110	80	72*47*55
Roof drain (Soc)			



### PVC-U Pipe for industrial applications

**Material:** Unplasticized Poly (Vinyl Chloride)  
**Internal and External Wall:** Smooth type  
**Nominal Outside Diameter:** from 20mm to 315mm fully available  
**Standard:** BS EN ISO15493, GB/T 4219  
**Color:** Gray or others upon request  
**Pipe end:** 1: Plain end  
 2: Pipe socket end for solvent cement joint



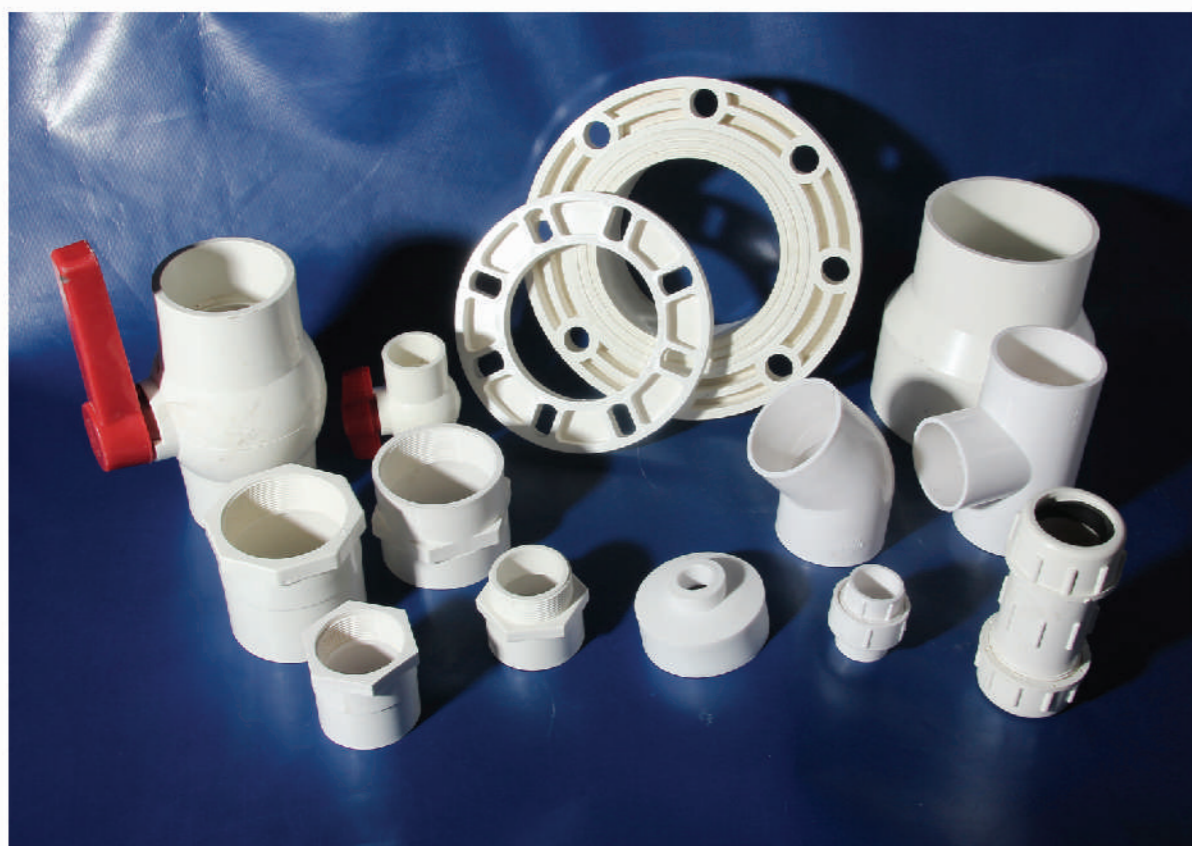
#### Technical Specifications:

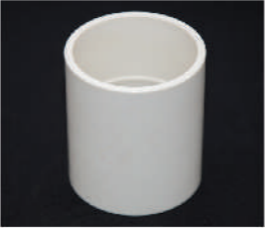
Property	Testing Result	Testing Standard
Specific Gravity, kg/m <sup>3</sup>	1330-1460	ISO 1183
Longitudinal reversion (150°C)	≤5%	ISO 2505
Vicat Softening Temperature	≥80°C	ISO 2507
Dichloromethane Resistance Test (15°C, 30min)	No attack at any part of surface	ISO 9852
Falling Weight Impact Test, TIR (0°C)	≤10%	ISO 3127
Resistance to internal pressure at 20°C Hydrostatic stress : 42 mpa	Time: ≥1000 h No failure during test period	ISO1167 ISO12092
Resistance to internal pressure at 20°C Hydrostatic stress : 35 mpa		
Resistance to internal pressure at 20°C Hydrostatic stress : 32 mpa		
Resistance to internal pressure at 60°C Hydrostatic stress : 10 mpa		


Outside diameter (mm)	Thickness (mm)	Tolerance (mm)
20	2.3	0.3
25	2.8	0.3
32	3.6	0.3
40	3.2	0.3
50	3.7	0.3
63	4.7	0.3
75	5.6	0.3
90	6.7	0.3
110	8.1	0.4
140	10.3	0.5
160	11.8	0.5
225	16.6	0.7
250	18.4	0.9
315	23.2	1.0





**PVC-U Solvent Weld Fittings for industrial application (ISO Standard Series)**




Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Coupling (Soc X Soc )	20	1000	72*47*55
	25	660	
	32	460	
	40	240	
	50	260	
	63	160	
	75	100	
	90	50	
	110	48	
	125	48	
	140	36	
	160	10	
	200	4	
	250	2	
	315	1	
			72*47*55


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Equal Tee (Soc X Soc X Soc)	20	500	72*47*55
	25	330	
	32	150	
	40	140	
	50	120	
	63	50	
	75	36	
	90	24	
	110	10	
	125	8	
	140	6	
	160	3	
	200	2	
	250	1	
	315	1	


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Elbow 90° (Soc X Soc )	20	500	72*47*55
	25	330	
	32	200	
	40	120	
	50	120	
	63	72	
	75	48	
	90	48	
	110	36	
	125	36	
	140	24	
	160	10	
	200	4	
	250	1	
	315	1	


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Elbow 45° (Soc X Soc )	20	510	72*47*55
	25	340	
	32	220	
	40	140	
	50	120	
	63	72	
	75	48	
	90	48	
	110	36	
	125	36	
	140	24	
	160	10	
	200	4	
	250	1	
	315	1	





Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Male Adapter (Soc X mpt )	20*1/2"	840	54*28*32
	25*3/4"	760	
	32*1"	400	
	40*1 1/4"	210	
	50*1/2"	180	72*47*55
	63*2"	210	


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Female Adapter (Soc X fpt )	20*1/2"	840	54*28*32
	25*3/4"	760	
	32*1"	400	
	40*1 1/4"	210	
	50*1/2"	180	72*47*55
	63*2"	210	


Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 End Cap (Soc X Soc )	20	1450	54*28*32
	25	1000	
	32	560	
	40	420	
	50	240	
	63	120	
	75	160	72*47*55
	90	120	
	110	72	
	160	36	
	200	12	
	225	4	
	250	4	
315	2		

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Flange (Soc X Flange )	20	180	54*28*32
	25	150	
	32	120	
	40	100	72*47*55
	50	80	
	63	60	
	75	40	
	90	30	
	110	18	
	160	6	
	200	4	
	250	4	
	315	2	

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Blind Flange (Flange X Flange )	20	180	54*28*32
	25	150	
	32	120	
	40	100	72*47*55
	50	80	
	63	60	
	75	40	
	90	30	
	110	18	
	160	6	
	200	4	
	250	4	
	315	2	

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Pipe clamp (Soc X Flange )	20	1000	54*28*32
	25	1000	
	32	750	
	40	750	
	50	500	
	63	400	
	75	400	
	90	300	
	110	300	

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Reducer (Soc X Soc )	25*20	650	54*28*32
	32*25	640	
	40*32	288	
	50*40	175	
	63*50	200	
	75*63	150	
	90*75	96	
	110*90	50	
	140*110	24	
	160*90	15	
	160*110	6	
	160*140	6	
	225*160	3	
	250*225	3	

Product name	Size (mm)	Qty/Ctn (pcs)	Carton size(mm)
 Reducing Tee (Soc X Soc X Soc )	25*20	320	54*28*32
	32*20	180	
	32*25	180	
	40*20	140	
	40*25	140	
	40*32	140	
	50*40	120	
	63*20	90	
	63*25	90	
	63*32	90	
	63*40	90	
	63*50	90	
	75*25	50	
	75*32	50	
	75*40	50	
	75*50	50	
	75*63	50	
	90*50	36	
	90*63	36	
	90*75	36	
110*50	20		
110*63	20		
110*75	20		
110*90	20		

### PVC-U Pipe for low-pressure conveyance in irrigation

**Material:** Unplasticized Poly (Vinyl Chloride)  
**Internal and External Wall:** Smooth type  
**Nominal Outside Diameter:** from 75mm to 315mm fully available  
**Standard:** GB/T 13664  
**Color:** Gray or others upon request  
**Pipe end:** 1: Plain end  
 2: Pipe socket end for solvent cement joint



#### Technical Specifications:

Property	Testing Result	Testing Standard
Specific Gravity, kg/m <sup>3</sup>	1350-1460	ISO 1183
Longitudinal reversion (150°C)	≤5%	ISO 2505
Tensile property	≥40 MPa	ISO6259
Hydro-static Pressure Resistance (20°C, 4 times pressure, 1h)	No crack No leak	ISO 1167
Falling Weight Impact Test, TIR (0°C, 1kg, 1m)	≤10% failure	ISO 3127
Ring stiffness for 0.2MPa pipe	≥0.5 KN/m <sup>2</sup>	ISO 9969
Ring stiffness for 0.25MPa pipe	≥1.0 KN/m <sup>2</sup>	
Ring stiffness for 0.32MPa pipe	≥2.0 KN/m <sup>2</sup>	
Ring stiffness for 0.4MPa pipe	≥4.0 KN/m <sup>2</sup>	
Ring stiffness test under external pressing till 50% diameter	No crack	

Outside diameter (mm)	Tolerance (mm)	Wall thickness (mm)							
		0.2 MPa		0.25 MPa		0.32 MPa		0.4 MPa	
		thickness	tolerance	thickness	tolerance	thickness	tolerance	thickness	tolerance
75	+0.3	-	-	-	-	1.6	+0.4	1.9	+0.4
90	+0.3	-	-	-	-	1.8	+0.4	2.2	+0.5
110	+0.4	-	-	1.8	+0.4	2.2	+0.4	2.7	+0.5
125	+0.4	-	-	2.0	+0.4	2.5	+0.4	3.1	+0.6
140	+0.5	2.0	+0.4	2.2	+0.4	2.8	+0.5	3.5	+0.6
160	+0.5	2.0	+0.4	2.5	+0.4	3.2	+0.5	4.0	+0.6
180	+0.6	2.3	+0.5	2.8	+0.5	3.6	+0.5	4.4	+0.7
200	+0.6	2.5	+0.5	3.2	+0.6	3.9	+0.5	4.9	+0.8
225	+0.7	2.8	+0.5	3.5	+0.6	4.4	+0.7	5.5	+0.9
250	+0.8	3.1	+0.6	3.9	+0.6	4.9	+0.8	6.2	+1.0
280	+0.9	3.5	+0.6	4.4	+0.7	5.5	+0.9	6.9	+1.1
315	+1.0	4.0	+0.6	4.9	+0.8	6.2	+1.0	7.7	+1.2