

HhS



PP-R WATER PIPE AND FITTINGS (GREEN)

HengHaoSen Trading Co., Ltd.





COMPANY PROFILE

HengHaoSen is a professional industrial company of building materials and agriculture piping in China. Our business portfolio spans plastic piping, building materials and agriculture piping. It offers products such as pipes, valves and sanitary ware and so on. We provide you a premium plastic piping solution!



Quality

HengHaoSen's plastic fittings workshop is renowned worldwide for its superior quality, which complies with CNSFus, CSA and cUPC certifications, and exceeds the requirements of ASTM standards.

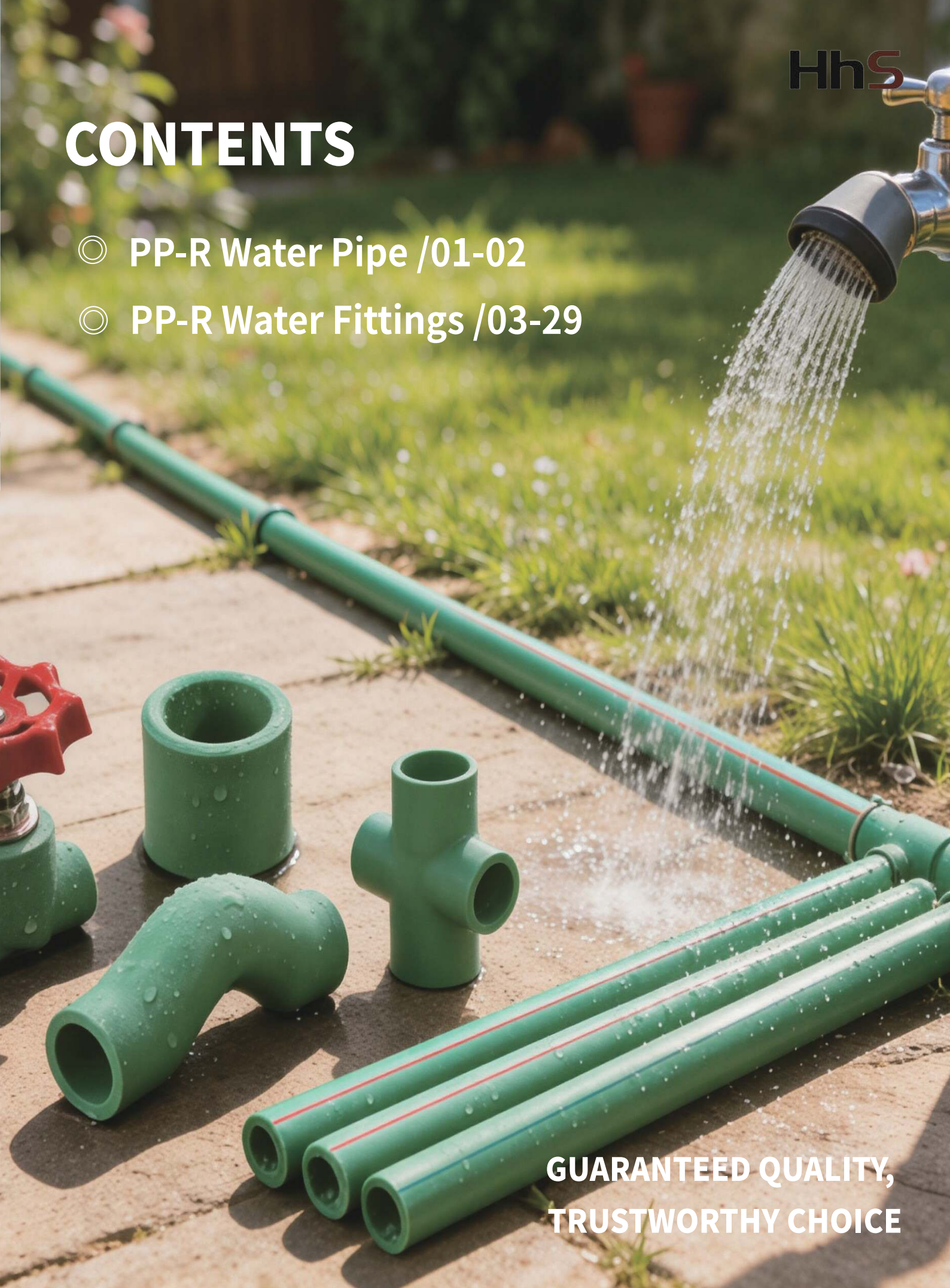


International Certifications



CONTENTS

- © PP-R Water Pipe /01-02
- © PP-R Water Fittings /03-29



**GUARANTEED QUALITY,
TRUSTWORTHY CHOICE**

Product Overview

- ◎ **Material:** Random Polypropylene
- ◎ **Size:** full 16mm through 160mm availability
- ◎ **Pressure Rating:** 1.25MPa, 1.6MPa, 2.0MPa, 2.5MPa
- ◎ **Standard:** GB/T 18742-2, EN ISO 15874-2, BS EN ISO 15874-2, DIN8077, DIN8078, NSF/ANSI/CAN 61, NSF/ANSI N372
- ◎ **Colors:**
 - Green, pipe for cold water is marked with blue stripes, pipe for hot water is marked with red stripes
 - Other colors are also available upon request
- ◎ **Form Supplied:**
 - 4 meters straight length (all size)
 - 50 or 100 meters coil length ($d_n 16 \sim d_n 32$)
 - Other forms are also available upon request



- ◎ **High Temperature Resistance:** the maximum sustained working temperature is up to 70°C, the maximum transient temperature is up to 95°C.
- ◎ **Heat Preservation:** low thermal conductivity which is only 1/1500 of brass pipe, and 1/250 of steel pipe.
- ◎ **Non-toxic:** no heavy metal additives, would not be covered with dirt or contaminated by bacterium.
- ◎ **Corrosion Resistance:** resist chemical matters and electron chemical corrosion.
- ◎ **High Flow Capacity:** smooth interior walls and low friction result in low flow resistance and high volume.
- ◎ **Excellent Flexibility:** can be supplied in coil.
- ◎ **Low Installation Costs:** light weight and ease of installation can reduce installation costs
- ◎ **Longevity:** more than 50 years under proper use
- ◎ **Recycled and Environment-friendly**

Applications

- ◎ Cold and hot water supply
- ◎ Heating system including flooring heating, w heating and radiant system
- ◎ Central air conditioning system
- ◎ Industrial liquids transportation

Physical Properties

Items	Test Parameters		Requirements	
			Pipes	Pipe Fittings
Pigment dispersion	—		≤ Grade 3	
Ash content	Test temperature	600°C	≤1.5%	
Longitudinal shrinkage rate	$e_n \leq 8\text{mm}$: 1h $8\text{mm} < e_n \leq 16\text{mm}$: 2h	(150±2) °C	≤2%	—
Simple beam impact	Test temperature	(0±2) °C	Damage rate not exceeding 10% of sample quantity	—
Melt mass flow rate	Test temperature	230°C	≤ 0.5/10min and the variation rate of polypropylene blend not exceeding 20%	
	Mass of weight	2.16kg		
Hydrostatic strength	20°C	Test duration: 1h Static hydraulic stress: 16.0MPa	No rupture, no leakage	
		Test duration: 22h Static hydraulic stress: 4.3MPa		
	95°C	Test duration: 165h Static hydraulic stress: 3.8MPa		
		Test duration: 1000h Static hydraulic stress: 3.5MPa		
Melting temperature (Tpm)	Ammonia gas flow rate 50mL/min, temperature rise rate 10°C/10min, 2 cycles of heating		≤148°C	
Oxidation induction time	Test temperature	210°C	≥20min	
Oxidation induction time after 95°C/1000h hydrostatic test	Test temperature	210°C	≥16min	
Sanitary performance	—		Complies with GB/T17219 standards	

Note: The plastic fittings should be adopted threaded metal fittings with corrosion resistance when they are intended to connect with metal pipe and water transportation device.

Straight Pipe



Coil Pipe



S 5 (PN 12.5)

* Suitable for Cold Water Supply

S 4 (PN 16)

* Suitable for Cold Water Supply

d_n (mm)	e_n (mm)	d_n (mm)	e_n (mm)
20	2.0	16	1.9
25	2.3	20	2.3
32	2.9	25	2.8
40	3.7	32	3.6
50	4.6	40	4.5
63	5.8	50	5.6
75	6.8	63	7.1
90	8.2	75	8.4
110	10.0	90	10.1
125	11.4	110	12.3
160	14.6	125	14.0
200	18.2	160	17.9
		200	22.4

S 3.2 (PN 20)

* Suitable for Cold or Hot Water Supply

S 2.5 (PN 25)

* Suitable for Cold or Hot Water Supply

d_n (mm)	e_n (mm)	d_n (mm)	e_n (mm)
16	2.2	20	3.4
20	2.8	25	4.2
25	3.5	32	5.4
32	4.4	40	6.7
40	5.5	50	8.3
50	6.9	63	10.5
63	8.6	75	12.5
75	10.3	90	15.0
90	12.3	110	18.3
110	15.1	125	20.8
125	17.1	160	26.6
160	21.9		

S 5 (PN 12.5)

* Suitable for Cold Water Supply

S 4 (PN 16)

* Suitable for Cold Water Supply

d_n (mm)	e_n (mm)	d_n (mm)	e_n (mm)
20	2.0	16	1.9
25	2.3	20	2.3
32	2.9	25	2.8
		32	3.6

S 3.2 (PN 20)

* Suitable for Cold or Hot Water Supply

S 2.5 (PN 25)

* Suitable for Cold or Hot Water Supply

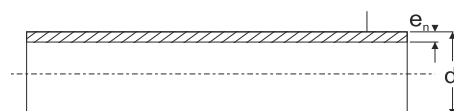
d_n (mm)	e_n (mm)	d_n (mm)	e_n (mm)
16	2.2	20	3.4
20	2.8	25	4.2
25	3.5	32	5.4
32	4.4		

S: Pipe Series

PN: Nominal Pressure (unit: MPa)

d_n : Nominal Outside Diameter

e_n : Nominal Wall Thickness





Features

- ⊗ **Material:** Random Polypropylene
- ⊗ **Size:** full 16mm through 160mm availability
- ⊗ **Pressure Rating:** 2.5MPa, or other nominal pressures available upon request
- ⊗ **Standard:** ISO 15874-3, EN ISO 15874-3, BS EN ISO 15874-3, DIN 16962, GB/T 18742-3
- ⊗ **Colors:** Green or other colors available upon request
- ⊗ **Joint:** Joining pipe and socket joint fittings by socket fusion joint

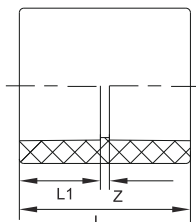
Advantages

- ⊗ **High Temperature Resistance:** the maximum sustained working temperature is up to 70°C, the maximum transient temperature is up to 95°C
- ⊗ **Heat Preservation:** low thermal conductivity result in preserving heat
- ⊗ **Non-toxic:** no heavy metal additives, would not be covered with dirt or contaminated by bacterium
- ⊗ **Low Installation Costs:** light weight and ease of installation can reduce installation costs
- ⊗ **High Flow Capacity:** smooth interior walls result in low pressure loss and high volume
- ⊗ **Longevity:** more than 50 years under proper use

Definitions of abbreviated configuration description follow

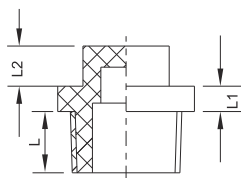
Soc: Socket	Fipt: Female Iron Pipe Thread
Spig: Spigot	Mipt: Male Iron Pipe Thread

Coupling (Soc×Soc)



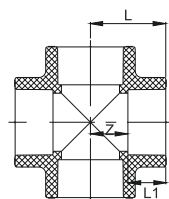
Size (mm)	Z	L1	L	PCS/CTN	Carton Size (mm×mm×mm)
16	1	15	31	1200	410x280x330
20	1.5	16	33.5	870	410x280x330
25	1.5	18	37.5	520	410x280x330
32	2	20	42	300	410x280x330
40	1.5	22.5	46.5	210	410x280x330
50	2	25.5	53	260	560x420x330
63	2	29.5	61	150	560x420x330
75	2	31.5	65	100	560x420x330
90	3.5	36.5	76.5	50	560x420x330
110	5	42	89	36	560x420x330
160	9	58.5	126	10	560x420x330

Male Thread Plug (Mipt)



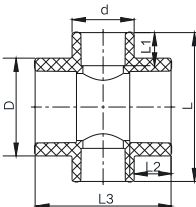
Size (mm)	L	L1	L2	PCS /CTN	Carton Size (mm×mm×mm)
1/2"	12	5	9	1200	410x280x330
3/4"	14	6	9	900	410x280x330
1"	16.5	7	11	420	410x280x330

Cross (Soc×Soc×Soc×Soc)



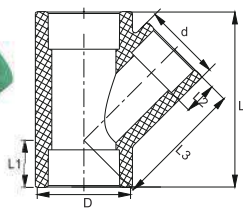
Size (mm)	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
20	11	16	27	300	410x280x330
25	14.8	18	32.8	192	410x280x330
32	17.8	20	37.8	105	410x280x330
40	22.3	22.5	44.8	63	410x280x330
50	27.5	25.5	53	60	560x420x330

Reducing Cross (Soc×Soc×Soc×Soc)



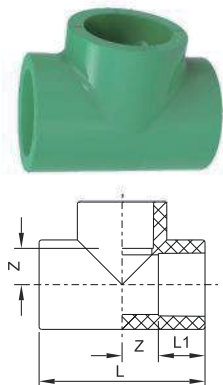
Size (mm)	L	L1	L2	L3	D	d	PCS /CTN	Carton Size (mm×mm×mm)
40×25	81	18	22.5	74	53.2	33.8		

Reducing Wye (Soc×Soc×Soc)



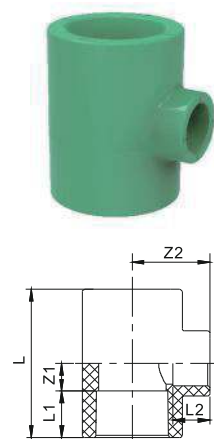
Size (mm)	L	L1	L2	L3	D	d	PCS /CTN	Carton Size (mm×mm×mm)
50×40	120	32	22.5	88	66.6	53.2		

Tee (Soc×Soc×Soc)



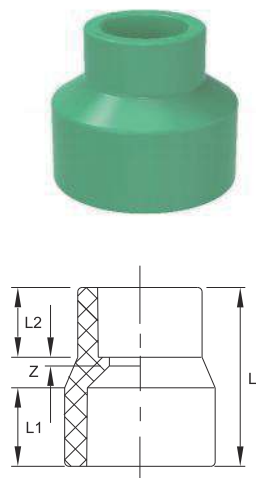
Size (mm)	L1	Z	L	PCS /CTN	Carton Size (mm×mm×mm)
16	15	8	46	640	410x280x330
20	16	10	54	360	410x280x330
25	18	14	64	240	410x280x330
32	20	17.8	75.5	140	410x280x330
40	22.5	21.5	88	90	410x280x330
50	25.5	26.5	104	100	560x420x330
63	29.5	32.5	124	60	560x420x330
75	31.5	37.8	138.5	30	560x420x330
90	37.5	45.5	166	20	560x420x330
110	42	55.5	195	12	560x420x330
160	58.5	91.5	300	4	560x420x330

Reducing Tee (Soc×Soc×Soc)



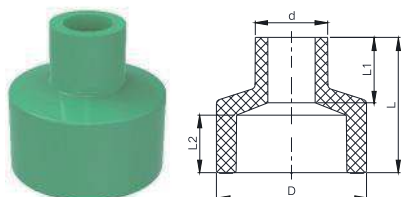
Size (mm)	Z1	Z2	L1	L2	L	PCS /CTN	Carton Size (mm×mm×mm)
20×16	8.8	25.5	16	15	49.5	360	410x280x330
20×25×20	13.5	29.5	16	18	59	250	410x280x330
25×16	8.5	27.5	18	15	53	300	410x280x330
25×20	11.5	29.5	18	16	59	280	410x280x330
25×20×20	13	28.5	18	16	59	250	410x280x330
32×16	9	30.7	20	15	58	180	410x280x330
32×20	12	33.5	20	16	64	160	410x280x330
32×25	14	35	20	18	68	150	410x280x330
40×20	12	37.5	22.5	16	69	112	410x280x330
40×25	14.5	40.5	22.5	18	74	112	410x280x330
40×32	17.5	42	22.5	20	80	88	410x280x330
50×20	11.3	42.2	25.5	16	73.5	180	560x420x330
50×25	13.5	44	25.5	18	78	168	560x420x330
50×32	17.5	47.3	25.5	20	86	120	560x420x330
50×40	21.5	49.3	25.5	22.5	94	120	560x420x330
63×20	10.75	50	29.5	16	80.5		
63×25	13.2	42.5	29.5	18	85.4	96	560x420x330
63×32	16.5	55.5	29.5	20	92	96	560x420x330
63×40	20.5	54	29.5	22.5	100	80	560x420x330
63×50	25.8	56.8	29.5	25.5	110.5	60	560x420x330
75×32	17	62	31.5	20	97	60	560x420x330
75×40	21	59.5	31.5	22.5	105	50	560x420x330
75×50	25.5	62.5	31.5	25.5	114	50	560x420x330
75×63	32	67.2	31.5	29.5	127	36	560x420x330
90×40	21.3	74	37.5	22.5	117.5	30	560x420x330
90×50	26	71.5	37.5	25.5	127	28	560x420x330
90×63	32.3	75	37.5	29.5	139.5	28	560x420x330
90×75	37.5	77.5	37.5	31.5	150	25	560x420x330
110×50	27.8	79.5	42	25.5	139.5	18	560x420x330
110×63	33.8	84	42	29.5	151.5	15	560x420x330
110×75	39	87.5	42	31.5	162	15	560x420x330
110×90	46	91.5	42	37.5	176	14	560x420x330
160×110	59	125	58.5	42	235	4	560x420x330

Reducer (Soc×Soc)



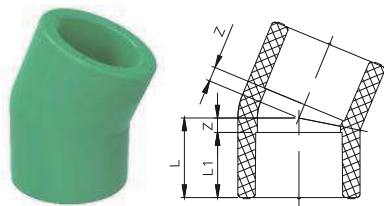
Size (mm)	Z	L1	L2	L	PCS/CTN	Carton Size (mm×mm×mm)
20×16	2	16	15	34.5	960	410x280x330
25×16	2	18	15	38.5	600	410x280x330
25×20	2	18	16	39.5	480	410x280x330
32×16	2	20	15	44	300	410x280x330
32×20	2	20	16	42.5	420	410x280x330
32×25	2	20	18	45	300	410x280x330
40×20	2.5	22.5	16	46	252	410x280x330
40×25	2	22.5	18	48.5	252	410x280x330
40×32	3	22.5	20	50.5	210	410x280x330
50×20	1.5	25.5	16	51.5	120	410x280x330
50×25	2	25.5	18	52.5	120	410x280x330
50×32	2.5	25.5	20	57	120	410x280x330
50×40	1.6	25.5	22.5	57.5	120	410x280x330
63×25	3	29.5	18	53	120	410x280x330
63×32	2	29.5	20	56	100	410x280x330
63×40	2	29.5	22.5	57.5	100	410x280x330
63×50	2	29.5	25.5	60	150	560x420x330
75×32	3	31.5	20	60.5	140	560x420x330
75×40	3	31.5	22.5	63	140	560x420x330
75×50	3	31.5	25.5	66	140	560x420x330
75×63	3	31.5	29.5	68	90	560x420x330
90×40	3	37.5	22.5	73	80	560x420x330
90×50	2	37.5	25.5	73	80	560x420x330
90×63	2.5	37.5	29.5	78	80	560x420x330
90×75	2.5	37.5	31.5	80.5	50	560x420x330
110×50	3	42	25.5	82.5	50	560x420x330
110×63	4	42	29.5	85	45	560x420x330
110×75	4	42	31.5	88	50	560x420x380
110×90	5.5	42	37.5	94.5	36	560x420x380
160×110	3	58.5	42	127	10	560x420x380

Reducer (Soc×Spig)



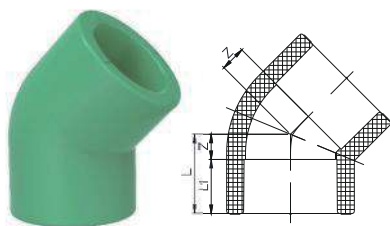
Size (mm)	L	L1	L2	D	d	PCS /CTN	Carton Size (mm×mm×mm)
25×20	42	22	18	33.8	20.1		
32×20	46	23.5	20	42.7	20.1		
32×25	47	20	25	42.7	25.1		
40×20	50	25	22.5	53.2	20.1		
40×25	52	27	22.5	53.2	25.1		
40×32	58	26	22.5	53.2	32.1		
50×32	60	29	25.5	66.6	32.1		
50×40	62	30	25.5	66.6	40.1		
63×32	70	29.5	31	83	32.1		

22.5° Elbow (Soc×Soc)



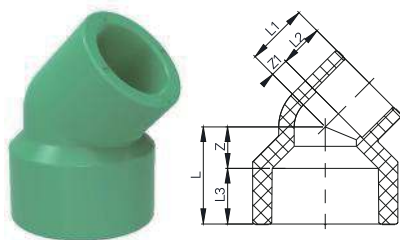
Size (mm)	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
20	4	16	20	660	410x280x330
25	4	18	22	350	410x280x330
32	5.5	20	25.5	210	410x280x330
40	6	22.5	28.5	150	410x280x330
50	7.5	25.5	33	75	410x280x330
63	8.5	29.5	38	40	410x280x330
75	9.5	31.5	41	25	410x280x330
90	11.5	37.5	49	32	560x420x330
110	14.5	42	56.5	12	410x280x330
160	19.5	58.5	78	8	560x420x330

45° Elbow (Soc×Soc)



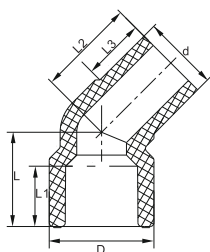
Size (mm)	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
16	4	15	19	1000	410x280x330
20	6.3	16	22.3	600	410x280x330
25	7	18	25	360	410x280x330
32	10	20	30	180	410x280x330
40	10.5	22.5	33	112	410x280x330
50	12	25.5	37.5	140	560x420x330
63	14	29.5	43.5	80	560x420x330
75	16.5	31.5	48	50	560x420x330
90	21.5	37.5	59	30	560x420x330
110	25.5	42	67.5	20	560x420x330
160	49.5	58.5	108	5	560x420x330

45° Reducing Elbow (Soc×Soc)



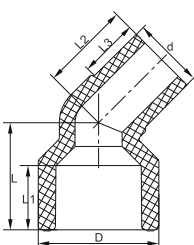
Size (mm)	L	L1	L2	L3	Z	Z1	PCS /CTN	Carton Size (mm×mm×mm)
25×20	28	22	16	18	10	6	400	410x280x330
32×20	33	22	16	20	13	6	280	410x280x330
32×25	32	25	18	20	12	7	280	410x280x330
40×20	40	22	16	22.5	17.5	6	180	410x280x330
40×25	38	25	18	22.5	15.5	7	168	410x280x330
40×32	37	28.5	20	22.5	14.5	8.5	150	410x280x330
50×20	48.5	22	16	25.5	23	6	120	410x280x330
50×25	46	25	18	25.5	20.5	7	110	410x280x330
50×32	44.5	28.5	20	25.5	19	8.5	100	410x280x330
50×40	42.5	33	22.5	25.5	17	10.5	80	410x280x330
63×25	60	25	18	29.5	30.5	7	64	410x280x330
63×32	55	28.5	20	29.5	25.5	8.5	60	410x280x330
63×40	53	33	22.5	29.5	23.5	10.5		
63×50	50	38	25.5	29.5	20.5	12.5	100	560x420x330

45° Elbow (Soc×Spig)



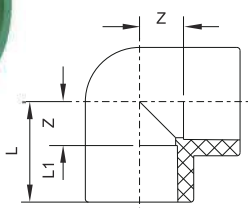
Size (mm)	L	L1	L2	L3	D	d	PCS /CTN	Carton Size (mm×mm×mm)
20	25	16	26	16.5	27.8	20.1		
25	30	18	28	18.5	33.8	25.1		
32	35	20	33	20.5	42.7	32.1		

45° Reducing Elbow (Soc×Spig)



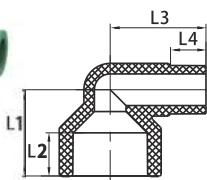
Size (mm)	L	L1	L2	L3	D	d	PCS /CTN	Carton Size (mm×mm×mm)
25×20	30	18	25	16.5	33.8	20.1		
32×20	35	20	27	16.5	42.7	20.1		
32×25	35	20	29	18.5	42.7	25.1		
40×20	45	22.5	26	16.5	53.2	20.1		
40×25	42	22.5	30	18.5	53.2	25.1		
50×20	55	25.5	27	16.5	66.6	20.1		
50×32	50	25.5	35	20.5	66.6	32.1		
75×63	67	31.5	50	30	98	63.1		

90° Elbow (Soc×Soc)



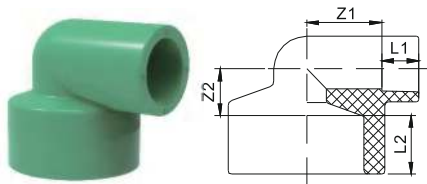
Size (mm)	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
16	8	15	23	1000	410x280x330
20	11	16	27	480	410x280x330
25	13.5	18	31.5	360	410x280x330
32	17.5	20	37.5	192	410x280x330
40	21	22.5	43.5	96	410x280x330
50	26.5	25.5	52	120	560x420x330
63	32.5	29.5	62	70	560x420x330
75	37.5	31.5	69	40	560x420x330
90	44.5	37.5	82	25	560x420x330
110	55	42	97	15	560x420x330
160	92.5	58.5	151	4	560x420x330

90° Reducing Elbow (Soc×Spig)



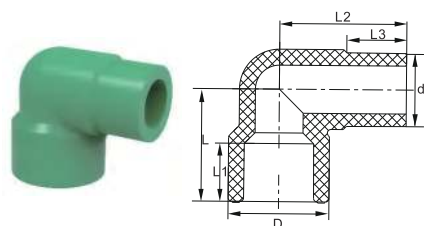
Size (mm)	L1	L2	L3	L4	PCS /CTN	Carton Size (mm×mm×mm)
32×20						
32×25						
40×20	45	22.5	45	16.5		
40×25	45	22.5	50	18.5		
50×20	55	25.5	50	16.5		
50×32						
50×40						

90°Reducing Elbow (Soc×Soc)



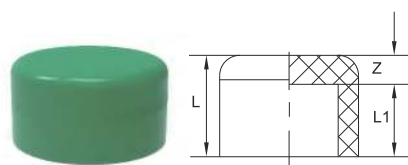
Size (mm)	L1	L2	Z1	Z2	PCS /CTN	Carton Size (mm×mm×mm)
25×20	16	18	14	14	360	410x280x330
32×20	16	20	19	15	210	410x280x330
32×25	18	20	19	17	200	410x280x330
40×20	16	22.5	24	17.5	175	410x280x330
40×25	18	22.5	25	19.5	120	410x280x330
40×32	20	22.5	25	21.5	100	410x280x330
50×20	16	25	32	20	96	410x280x330
50×25	18	25.5	32	21.5	96	410x280x330
50×32	20	25.5	32	26.5	80	410x280x330
50×40	22.5	25.5	31.5	26.5	120	410x280x330
63×25	18	29.5	27	35.5	130	410x280x330
63×32	20	29.5	25	35.5	130	410x280x330
63×40	22.5	29.5	27.5	35.5	100	410x280x330
63×50	25.5	29.5	29.5	35.5	80	410x280x330

Reducing Coupling (Soc×Spig)



Size (mm)	L	L1	L2	L3	D	d	PCS /CTN	Carton Size (mm×mm×mm)
32	40	20	47	20.5	42.7	32.1		
50	55	25.5	65	26	66.6	50.1		

Cap (Soc)



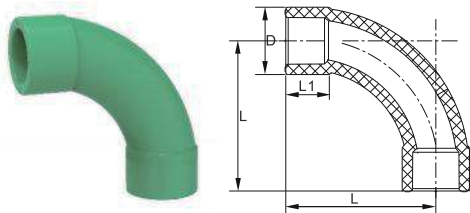
Size (mm)	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
16	3	15	18	1800	410x280x330
20	4.5	16	20.5	1290	410x280x330
25	4.5	18	22.5	900	410x280x330
32	6.5	20	26.5	420	410x280x330
40	8	22.5	30.5	306	410x280x330
50	9.5	25.5	35	180	410x280x330
63	12	29.5	41.5	180	560x420x330
75	13	31	44	140	560x420x330
90	15.5	35.5	51	80	560x420x330
110	18	42	60	40	560x420x330
160	48.5	58.5	107	14	560x420x330

Rubber Gasket



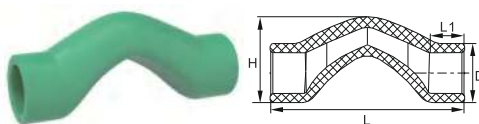
Size (mm)	PCS /CTN	Carton Size (mm×mm×mm)
40	600	410x280x330
50	480	410x280x330
63	240	410x280x330
75	240	410x280x330
90	120	410x280x330
110	120	410x280x330
160	100	410x280x330

90° Long Sweep bend (Soc×Soc)



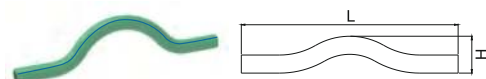
Size (mm)	L	L1	D	PCS /CTN	Carton Size (mm×mm×mm)
20	62	18	27	240	410x280x330
25	68	21	33.8	180	410x280x330
32	75	24.5	42.7	100	410x280x330

Bending pipe II (Soc×Soc)



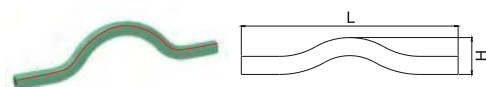
Size (mm)	L	L1	D	H	PCS /CTN	Carton Size (mm×mm×mm)
20	91	15.9	27.8	40.4	250	410x280x330
25	115	17.5	33.8	49.9	120	410x280x330
32	135	20.5	42.7	63.3	80	410x280x330

Bending Pipe (for Cold Water) (Spig×Spig)



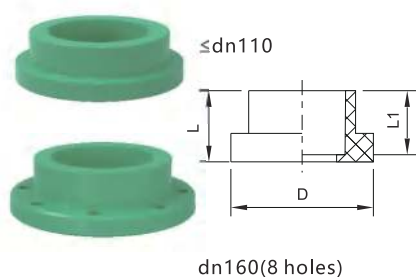
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20	300	47	320	560x420x330
25	300	51	250	560x420x330
32	300	67	150	560x420x330

Bending Pipe (for Hot Water) (Spig×Spig)



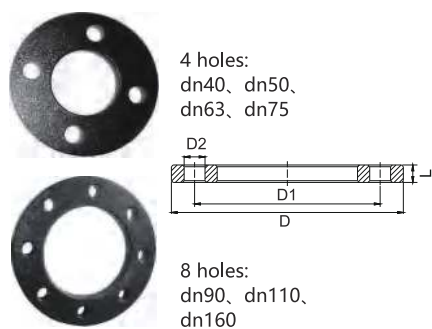
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20	300	47	320	560x420x330
25	300	51	250	560x420x330
32	300	67	150	560x420x330

Stub Flange (Soc×Flange)



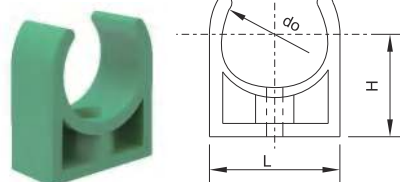
Size (mm)	D	L	L1	PCS /CTN	Carton Size (mm×mm×mm)
40	72	26	22.5	160	410x280x330
50	85	29	25.5	90	410x280x330
63	106	34.5	29.5	60	410x280x330
75	129	37	31.5	50	410x280x330
90	144	40	34.5	30	410x280x330
110	164	50	42	20	410x280x330
160	285	85	57.5	10	560x420x330

Flange (Steel Tray)



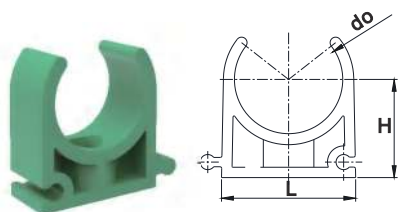
Size (mm)	D	D1	D2	L	PCS /CTN	Carton Size (mm×mm×mm)
40	140	100	18	10		
50	150	110	18	10		
63	160	125	18	12		
75	185	145	18	15		
90	200	160	18	15		
110	220	180	18	15		
160	285	240	22	18		

Pipe Clamp



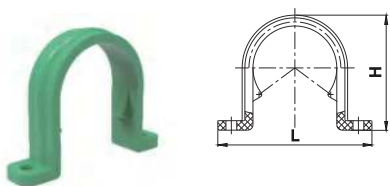
Size (mm)	L	do	H	PCS /CTN	Carton Size (mm×mm×mm)
20	27.5	19	22	1080	410x280x330
25	32	24.6	24.5	1050	410x280x330
32	39	31.5	28.5	840	410x280x330
40	47.5	38.5	32	480	410x280x330
50	57.5	48.5	37	360	410x280x330

Assembling Clamp



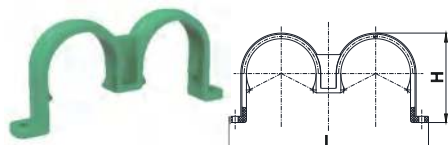
Size (mm)	do	L	H	PCS /CTN	Carton Size (mm×mm×mm)
16	15	21.5	15		
20	19	27.4	22	1200	410x280x330
25	24.6	32	24.5	960	410x280x330
32	31.5	39	28.5	750	410x280x330

U Clamp



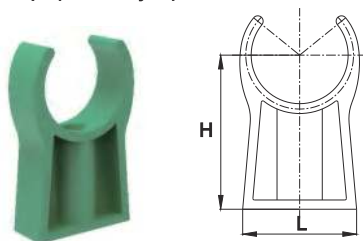
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20	44	28.5	2400	410x280x330
25	50.5	34.8	1260	410x280x330
32	57	42.5	1350	410x280x330
40	68	52.5	720	410x280x330
50	78	64	720	410x280x330

Double U Clamp



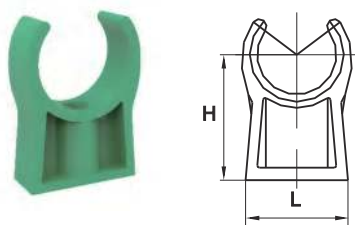
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20	72.5	28.5		
25	85	34.8		
32	100.5	42.5		
40	122	52.5		
50	147.5	64		
63	178	79.5		

Clamp (Tall-style)



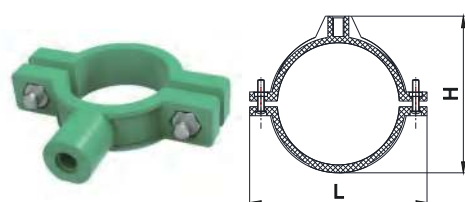
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20	24.5	40	900	410x280x330
25	30.5	45	540	410x280x330
32	37	50	480	410x280x330
40	46	60	280	410x280x330
50	60	70	220	410x280x330

Clamp (Moderate-style)



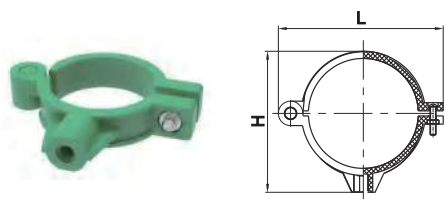
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20	24.5	30	1080	410x280x330
25	30.5	35	840	410x280x330
32	37	40	600	410x280x330
40	46	45	480	410x280x330
50	60	55	300	410x280x330

Pipe Clamp I (without Screw)



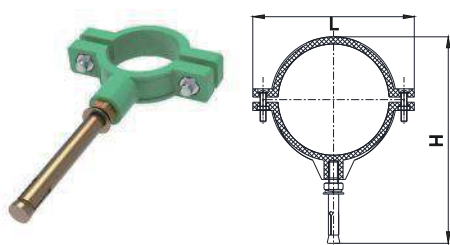
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20	49	42	720	410x280x330
25	54	47	720	410x280x330
32	64	54	480	410x280x330
40	72	62.5	360	410x280x330
50	87	73	240	410x280x330
63	106	87.5	144	410x280x330
75	118.5	101	120	410x280x330
90	132	115	120	410x280x330
110	157	138.5	70	410x280x330

Pipe Clamp IV (Without Screw)



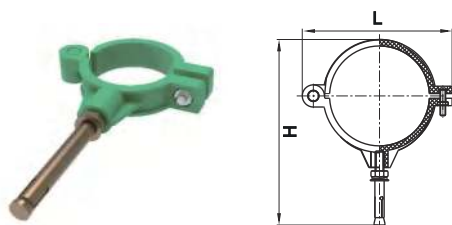
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
40	72.5	62.5	300	410x280x330
50	88.5	73	216	410x280x330
63	105	87.5	120	410x280x330
75	117.5	101.5	96	410x280x330
110	162	138.5	60	410x280x330

Pipe Clamp I (Screw)



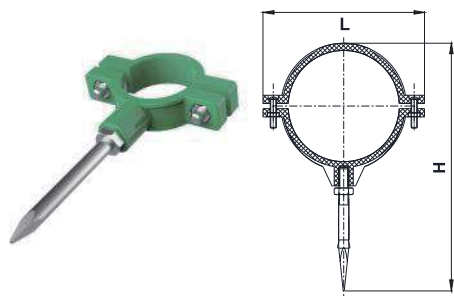
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20	49	96	480	410x280x330
25	54	101	450	410x280x330
32	64	108	360	410x280x330
40	72	116.5	300	410x280x330
50	87	127	144	410x280x330
63	106	140.5	90	410x280x330
75	118.5	154	60	410x280x330
90	132	178	90	410x280x330
110	157	200.5	60	410x280x330

Pipe Clamp IV (Screw)



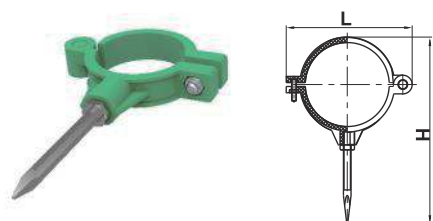
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
40	72.5	116.5	240	410x280x330
50	88.5	127	126	410x280x330
63	105	140.5	84	410x280x330
75	117.5	154	72	410x280x330
110	162	200.5	60	410x280x330

Pipe Clamp I (Tusk Screw)



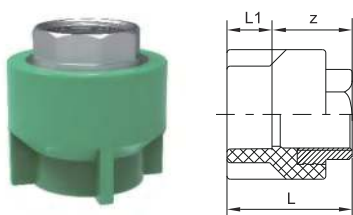
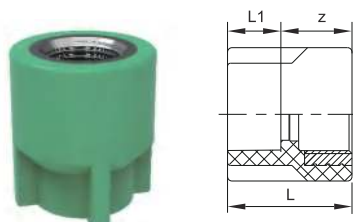
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20	49	96	480	410x280x330
25	54	101	450	410x280x330
32	64	108	360	410x280x330
40	72	116.5	300	410x280x330
50	87	137	144	410x280x330
63	106	150.5	90	410x280x330
75	118.5	164	60	410x280x330
90	132	218	85	410x280x330
110	157	240.5	50	410x280x330

Pipe Clamp IV (Tusk Screw)



Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
40	72.5	116.5		
50	88.5	137	144	410x280x330
63	105	150.5	108	410x280x330
75	117.5	164	84	410x280x330
110	162	240.5	60	410x280x330

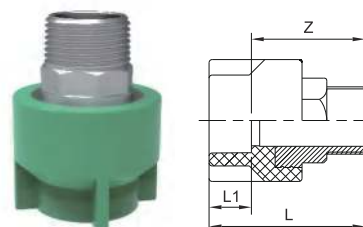
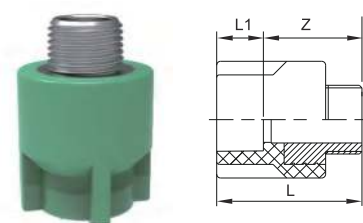
Female Thread Adapter (Soc×Fipt with Metal Insert)



Size (mm)	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
16×1/2"	24	15	39	360	410x280x330
20×1/2"	26.5	16	42.5	288	410x280x330
20×3/4"	26	16	42	240	410x280x330
25×1/2"	26.5	18	44.5	300	410x280x330
25×3/4"	27	18	45	180	410x280x330
32×1/2"	31	20	51	180	410x280x330
32×3/4"	27.5	20	47.5	210	410x280x330

20×1/2"	34	16	50	240	410x280x330
20×3/4"	38.5	16	54.5	192	410x280x330
25×3/4"	39.5	18	57.5	180	410x280x330
32×1"	38	20	58	96	410x280x330
40×1"	37	22	59	84	410x280x330
40×1 1/4"	43	22.5	65.5	48	410x280x330
50×1 1/4"	41.5	25.5	67	48	410x280x330
50×1 1/2"	42.5	25.5	68	36	410x280x330
63×2"	46.5	29.5	76	36	410x280x330
75×2"	47	31.5	78.5	36	410x280x330
75×2 1/2"	53	31.5	84.5	18	410x280x330

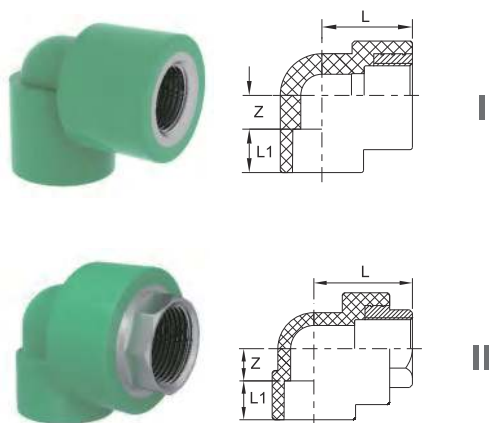
Male Thread Adapter (Soc×Mipt with Metal Insert)



Size (mm)	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
16×1/2"	38	15	53	240	410x280x330
20×1/2"	38	16	54	240	410x280x330
20×3/4"	38	16	54	180	410x280x330
25×1/2"	38	18	56	210	410x280x330
25×3/4"	38.5	18	56.5	180	410x280x330
32×1/2"	45	20	65	180	410x280x330
32×3/4"	51.5	20	71.5	180	410x280x330

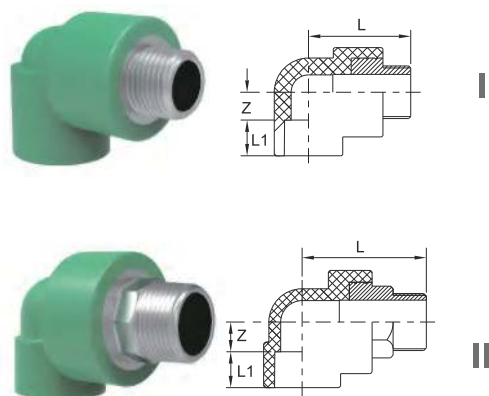
32×1"	57	20	77	72	410x280x330
40×1"	56	22	78	72	410x280x330
40×1 1/4"	64	22.5	86.5	48	410x280x330
50×1 1/4"	62.5	25.5	88	48	410x280x330
50×1 1/2"	63.5	25.5	89	36	410x280x330
63×2"	71.5	29.5	101	36	410x280x330
75×2"	75.5	31.5	107	24	410x280x330

Female Thread Elbow (Soc×Fipt with Metal Insert)



Size (mm)	Z	L	L1	PCS /CTN	Carton Size (mm×mm×mm)
16×1/2"	11	35.5	15	300	410x280x330
20×1/2"	11.5	37.5	16	240	410x280x330
20×3/4"	13.1	38.5	16	210	410x280x330
25×1/2"	12	40.5	18	210	410x280x330
25×3/4"	13	41	18	180	410x280x330
32×1/2"	15	42	20	180	410x280x330
32×3/4"	18	42	20	150	410x280x330
20×1/2"	13	44	16	240	410x280x330
32×1"	16.5	54.5	20	72	410x280x330
40×1 1/4"	28.5	65	22.5	36	410x280x330
50×1 1/2"	32	70	25.5	24	410x280x330
63×2"	38	82	29.5	18	410x280x330
75×2-1/2"	41	77.5	33.5	15	410x280x330

Male Thread Elbow (Soc×Mipt with Metal Insert)



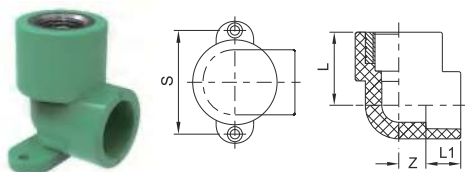
Size (mm)	Z	L	L1	PCS /CTN	Carton Size (mm×mm×mm)
16×1/2"	11	49.5	15	240	410x280x330
20×1/2"	11.5	49	16	240	410x280x330
20×3/4"	13.1	50	16	150	410x280x330
25×1/2"	12	52	18	210	410x280x330
25×3/4"	17	52.5	18	150	410x280x330
32×1/2"	15	56	20	150	410x280x330
32×3/4"	18	56	20	120	410x280x330
32×1"	21	73.5	20	72	410x280x330
40×1 1/4"	28.5	86	22.5	36	410x280x330
50×1 1/2"	32	91	25.5	24	410x280x330
63×2"	33.5	107	29.5	18	410x280x330
75×2 1/2"	41	124.5	31.5	6	410x280x330

Pipe Cover



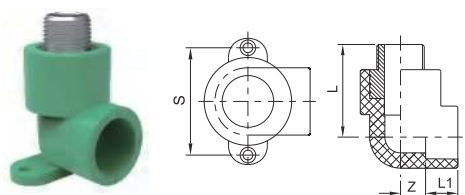
Size (mm)	PCS /CTN	Carton Size (mm×mm×mm)
16		
20	2700	410x280x330
25	2100	410x280x330
32	1350	410x280x330
40	960	410x280x330
50	600	410x280x330
63	400	410x280x330
75	280	410x280x330
90	220	410x280x330
110	120	410x280x330
160	80	560x420x330

Female Thread Elbow with Seat (Soc×Fipt with Metal Insert)



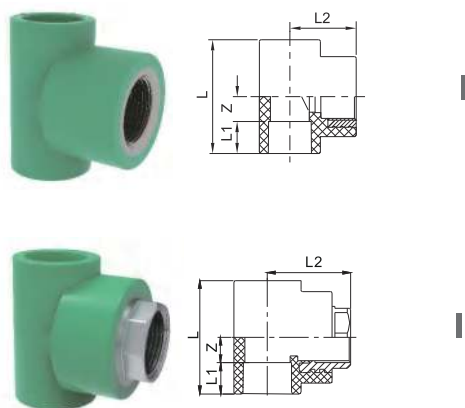
Size (mm)	L	S	L1	Z	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	38	49.5	16	11.5	168	410x280x330
20×3/4"	38.5	53.5	16	13.5	180	410x280x330
25×1/2"	39.5	49.5	18	12	180	410x280x330
25×3/4"	37.5	53.5	18	13	120	410x280x330

Male Thread Elbow with Seat (Soc×Mipt with Metal Insert)



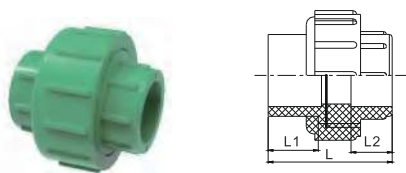
Size (mm)	L	S	L1	Z	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	47.5	49.5	16	11.5	180	410x280x330
20×3/4"	48	49.5	16	13.1	150	410x280x330
25×1/2"	50	49.5	18	12	180	410x280x330
25×3/4"	50.5	53.5	18	13	120	410x280x330

Female Thread Tee (Soc×Soc×Fipt with Metal Insert)



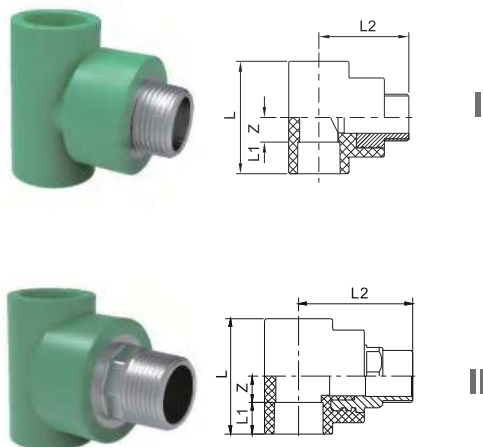
Size (mm)	Z	L2	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	11.5	38	16	55	192	410x280x330
20×3/4"	13.5	38.5	16	59	168	410x280x330
25×1/2"	12	41	18	60	150	410x280x330
25×3/4"	13.5	40.5	18	63	120	410x280x330
32×1/2"	11.8	41.5	20	63.5	120	410x280x330
32×3/4"	14.5	42	20	69	108	410x280x330
20×1/2"	13	44	16	58	180	410x280x330
32×1"	16.5	53.5	20	73	60	410x280x330
40×1 1/4"	28.5	65	22.5	102	36	410x280x330
50×1 1/2"	32	70	25.5	115	24	410x280x330
63×2"	38	82	29.5	135	12	410x280x330
75×2 1/2"	46	96	31.5	155	12	410x280x330

Union II (Soc×Soc)



Size (mm)	L1	L2	L	PCS /CTN	Carton Size (mm×mm×mm)
20	16	16	45	240	410x280x330
25	18	17	48	200	410x280x330
32	20.5	18	58	108	410x280x330
40	19.3	22.5	71.5	48	410x280x330

Male Thread Tee (Soc×Soc×Mipt with Metal Insert)



Size (mm)	Z	L2	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	11.5	49.5	16	55	180	410x280x330
20×3/4"	13.5	50	16	59	150	410x280x330
25×1/2"	12	52.5	18	60	150	410x280x330
25×3/4"	13.5	52.5	18	63	120	410x280x330
32×1/2"	11.8	56	20	63.5	120	410x280x330
32×3/4"	14.5	56	20	69	90	410x280x330
40×3/4"	15	60	22.5	75		
25×1"	22	71.5	18	80	72	410x280x330
32×1"	16.5	72.5	20	73	60	410x280x330
40×1"	21.5	79	22.5	88	48	410x280x330
40×1 1/4"	28.5	86	22.5	102	24	410x280x330
50×1"	19.5	86	25.5	90	24	410x280x330
50×1 1/4"	27	90	25.5	105		
50×1 1/2"	32	91	25.5	115	18	410x280x330
63×2"	33.5	107	29.5	126	12	410x280x330
75×2 1/2"	41	124.5	31.5	145	12	410x280x330

Female Thread Union (Soc×Fipt with Metal)



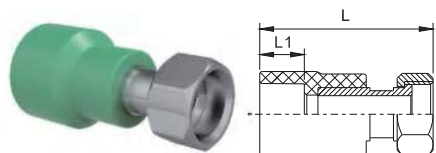
Size (mm)	L1	L2	L	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	16	16	42	300	410x280x330
20×3/4"	16	15	39.5		
25×1/2"	18	15	43		
25×3/4"	18	17	47	180	410x280x330
25×1"	18	18	56.5	180	410x280x330
32×3/4"	20.5	15	56	120	410x280x330
32×1"	20.5	18	52	120	410x280x330
40×1 1/4"	22.5	25	51.5	36	410x280x330
50×1-1/2"	21.5	26	65.5	48	410x280x330
63×2"	24	28	74	24	410x280x330

Male Thread Union (Soc×Mipt with Metal)



Size (mm)	L1	L2	L	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	16	14	55	300	410x280x330
20×3/4"	16	15	51.5		
25×1/2"	18	14	54		
25×3/4"	18	13.5	60	180	410x280x330
25×1"	18	19	45.5	180	410x280x330
32×3/4"	20.5	15	42	120	410x280x330
32×1"	20.5	19	71	108	410x280x330
40×1 1/4"	22.5	19.5	66.5	36	410x280x330
50×1-1/2"	21.5	21	71.5	36	410x280x330
63×2"	24	24	99	24	410x280x330

Flexible Joint I (Soc×Fipt with Metal)



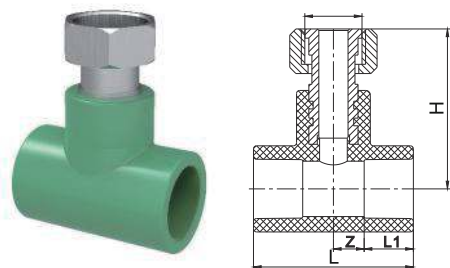
Size (mm)	L	L1	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	59	16	300	410x280x330
20×3/4"	59.5	16	240	410x280x330
25×1/2"	61	18	240	410x280x330
25×3/4"	62	18	240	410x280x330
32×1/2"	63	20	210	410x280x330
32×3/4"	64	20	180	410x280x330
32×1"	68.5	20	150	410x280x330
40×3/4"	66.5	22.5	120	410x280x330
40×1"	71	22.5	120	410x280x330
40×1 1/4"	76	22.5	72	410x280x330
50×1"	76.5	25.5	72	410x280x330
50×1 1/4"	81.5	25.5	60	410x280x330
50×1 1/2"	89.5	22.5	60	410x280x330

Flexible Joint Elbow (Soc×Fipt with Metal)



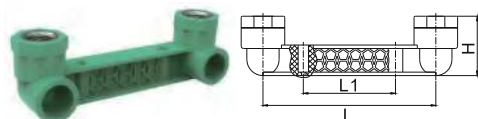
Size (mm)	L	L1	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	50	16	300	410x280x330
20×3/4"	58.5	16	240	410x280x330
25×1/2"	50.5	18	240	410x280x330
25×3/4"	54.5	18	210	410x280x330
32×1/2"	50.5	18	180	410x280x330
32×3/4"	54	20	150	410x280x330
32×1"	61.5	20	90	410x280x330
40×3/4"	53.5	22.5	90	410x280x330
40×1"	61.5	22.5	90	410x280x330
40×1 1/4"	71.5	22.5	60	410x280x330
50×1"	60.5	25.5	60	410x280x330
50×1 1/4"	71.5	25.5		
50×1 1/2"	86.5	25.5	36	410x280x330

Flexible Tee (Soc×Soc)



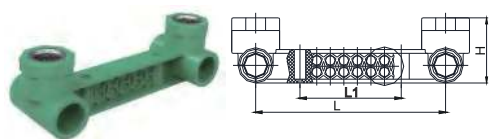
Size (mm)	L1	L	Z	H	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	16	52	10	52	180	410x280x330
20×3/4"	16	57	12.5	52.5	180	410x280x330
25×1/2"	18	56	10	54	150	410x280x330
25×3/4"	18	61	12.5	54.5	120	410x280x330
32×1/2"	20	60	10	57.1	120	410x280x330
32×3/4"	20	66	13	58.6	96	410x280x330
32×1"	20.5	72	15.5	63	90	410x280x330
40×3/4"	22.5	72	13.5	63		
40×1"	22.5	77	16	67.5	60	410x280x330
40×1 1/4"	22.5	83	22.5	74.5	48	410x280x330
50×1"	25.5	84	16.5	73		

Double Female Thread Elbow with Seat (Soc×Fipt with Metal Insert)



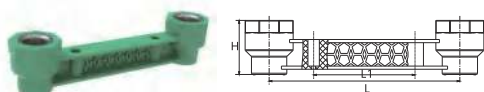
Size (mm)	L1	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	80	150	51.5	48	410x280x330
25×1/2"	80	150	56.9	48	410x280x330
25×3/4"	80	150	57.9	36	410x280x330
32×1/2"	80	150	63.4	36	410x280x330
32×3/4"	75	150	63.4	24	410x280x330

Double Female Tee With Seat (Soc×Soc×Fipt with Metal Insert)



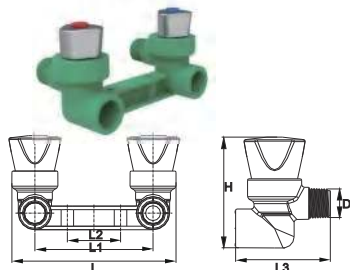
Size (mm)	L1	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	80	150	51.4	48	410x280x330
25×1/2"	80	150	56.9	36	410x280x330
32×1/2"	80	150	62.7	24	410x280x330
32×3/4"	75	150	63.4	24	410x280x330

Double Female Thread Coupling With Seat (Soc x Fipt with Metal Insert)



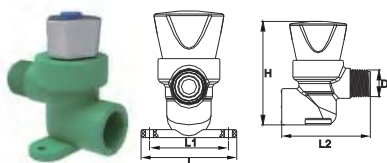
Size (mm)	L1	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	80	150	42.5		

Double Angle valve with Seat



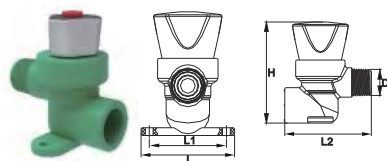
Size (mm)	L	L1	L2	L3	H	D	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	138.8	100	45	68	81.5	R1/2"		

Angle valve with seat (Single Cooling)



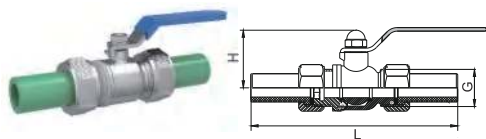
Size (mm)	L	L1	L2	H	D	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	60	49.5	68	81.5	R1/2"		

Angle valve with seat (Single Heat)



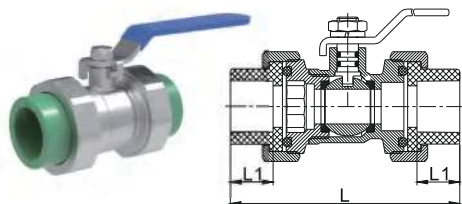
Size (mm)	L	L1	L2	H	D	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	60	49.5	68	81.5	R1/2"		

Ball Valve (Spig×Spig)



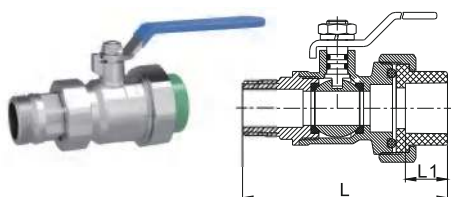
Size (mm)	L	G	H	PCS /CTN	Carton Size (mm×mm×mm)
20	142	3/4"	35	96	410x280x330
25	153	1"	37	72	410x280x330
32	172	1 1/4"	47.5	36	410x280x330

Ture Union Ball Valve (Soc×Soc)



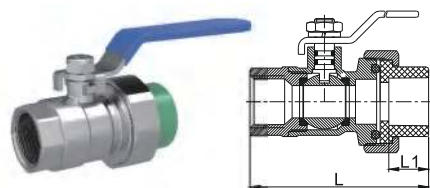
Size (mm)	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
20	16	85.8	96	410x280x330
25	18	93.8	72	410x280x330
32	20	103.2	36	410x280x330
40	22.5	120	24	410x280x330
50	25.5	133.5	12	410x280x330
63	29.5	152.5	6	410x280x330

Male Thread Union Ball Valve (Soc×Mipt with Metal)



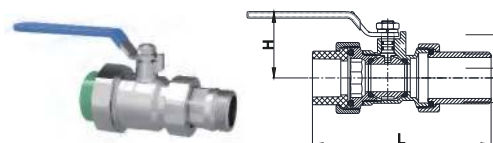
Size (mm)	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	16	77.9	120	410x280x330
25×3/4"	18	83.9	96	410x280x330
32×1"	20	95.7	48	410x280x330
40×1 1/4"	22.5	111.5	30	410x280x330
50×1 1/2"	25.5	121	24	410x280x330
63×2"	29.5	138.3	12	410x280x330

Female Thread Union Ball Valve (Soc×Fipt with Metal)



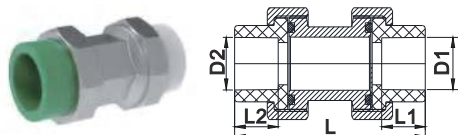
Size (mm)	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
20×1/2"	16	71.9	120	410x280x330
25×3/4"	18	75.4	72	410x280x330
32×1"	20	85.7	48	410x280x330
40×1 1/4"	22.5	103.5	24	410x280x330
50×1 1/2"	25.5	114	18	410x280x330
63×2"	29.5	128.3	12	410x280x330

Long Male Thread Ball Valve (Soc×Mipt with Metal)



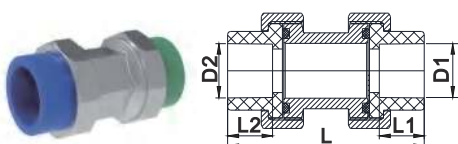
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
25×1"	113.4	42	60	410x280x330
32×1"	122	54.8		
40×1 1/4"	202.9	64.3		

PP-R/PE-RT Change Union (Soc×Soc)



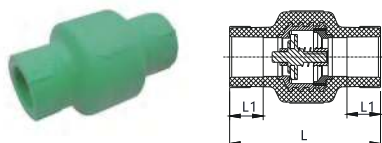
Size (mm)	L	L1	L2	D1	D2	PCS /CTN	Carton Size (mm×mm×mm)
20	68.2	16	16	20	20	120	410x280x330
25	74	18	18	25	25		
32	82	20	20	32	32		

PP-R/PE Change Union (Soc×Soc)



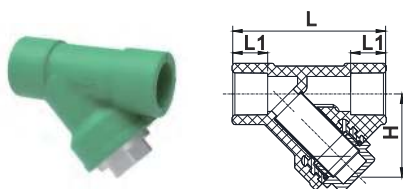
Size (mm)	L	L1	L2	D1	D2	PCS /CTN	Carton Size (mm×mm×mm)
20	68.2	16	16	20	20	120	410x280x330
25	74	18	18	25	25		
32	82	20	20	32	32		

Check Valve



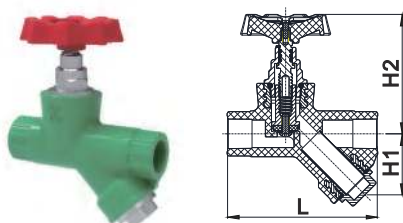
Size (mm)	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
20	16	72		
25	18	81		
32	29	91		

Filter (Soc×Soc×Fipt)



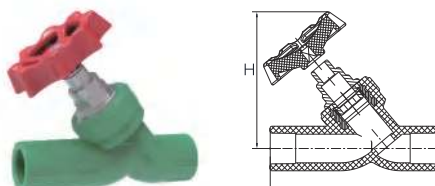
Size (mm)	L1	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20(2.0MPa)	16	70	38.1	144	410x280x330

Y-style Stop Valve (Soc×Soc×Fipt)



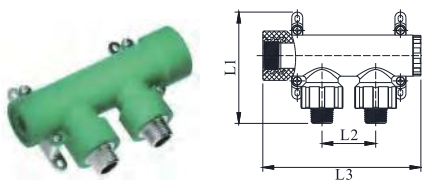
Size (mm)	L	H1	H2	PCS /CTN	Carton Size (mm×mm×mm)
20(1.6MPa)	98	39.9	78.1	48	410x280x330

Fullbore stop valve



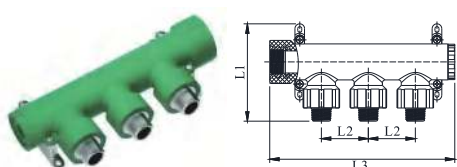
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20	104	86		
25	114	95		
32	130	107		

PP-R Water Distributor 2-Way



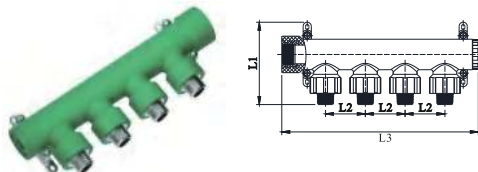
Size (mm)	L1	L2	L3	PCS /CTN	Carton Size (mm×mm×mm)
3/4"F×1/2"M-2	103.5	50	147		

PP-R Water Distributor 3-Way



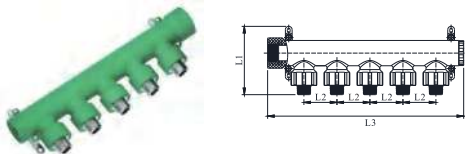
Size (mm)	L1	L2	L3	PCS /CTN	Carton Size (mm×mm×mm)
3/4"F×1/2"M-3	103.5	50	197		

PP-R Water Distributor 4-Way



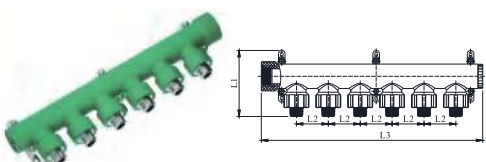
Size (mm)	L1	L2	L3	PCS /CTN	Carton Size (mm×mm×mm)
3/4"F×1/2"M-4	103.5	50	247		

PP-R Water Distributor 5-Way



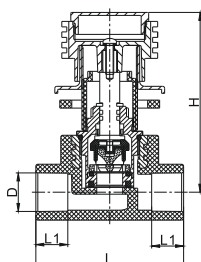
Size (mm)	L1	L2	L3	PCS /CTN	Carton Size (mm×mm×mm)
3/4"F×1/2"M-5	103.5	50	297		

PP-R Water Distributor 6-Way



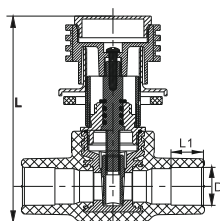
Size (mm)	L1	L2	L3	PCS /CTN	Carton Size (mm×mm×mm)
3/4"F×1/2"M-6	103.5	50	347		

Concealed Valve (Soc×Soc)



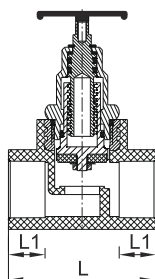
Size (mm)	D	L1	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20	20	16	74	90	72	410x280x330
25	24.2	18	80	91.5	60	410x280x330
32						

Luxury stype concealed valve (Soc × Soc)



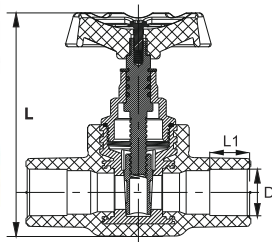
Size (mm)	L	L1	D	PCS /CTN	Carton Size (mm×mm×mm)
20	104.7	16.5	19.3		
25	112	18.5	24.2		

Stop Valve (Soc×Soc)



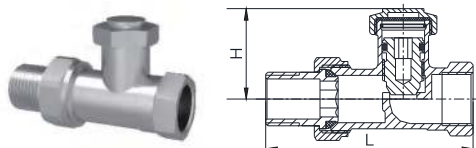
Size (mm)	L	L1	PCS /CTN	Carton Size (mm×mm×mm)
20	64	16	72	410x280x330
25	74	18	60	410x280x330
32	82	20.5	36	410x280x330
40	85	22	36	410x280x330
50	115	25	30	410x280x330
63	121	29	20	410x280x330
75	129	31.5	12	410x280x330
90	184.5	37.5	6	410x280x330
110	194	42	5	410x280x330

Concealed valve (Soc×Soc)



Size (mm)	L	L1	D	PCS /CTN	Carton Size (mm×mm×mm)
20	92.4	16.5	19.3	72	410x280x330
25	92.4	18.5	24.2	60	410x280x330

Straight Type Water Return Valve (Fipt with Metal×Mipt with Metal)



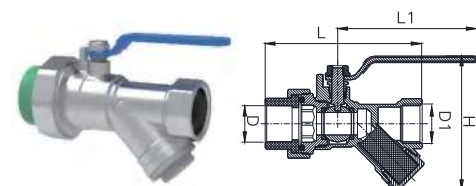
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
1/2"	80.5	25		
3/4"	83.7	35.5		

Long Male Thread Ball Valve With Strainer (Soc×Mipt with Metal)



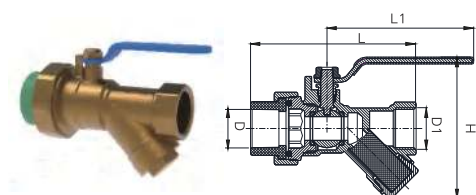
Size (mm)	L	PCS /CTN	Carton Size (mm×mm×mm)
25×1"	169.5		
32×1"	171	30	410x280x330
40×1-1/4"	205		

Nickel Plated Brass Ball Valve With Strainer 271 (Soc×Fipt with Metal)



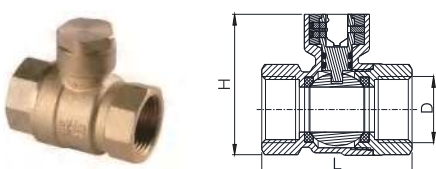
Size (mm)	D	D1	L1	L	H	PCS /CTN	Carton Size (mm×mm×mm)
25×3/4"	25	3/4"	93	105	89.7	60	410x280x330
32×1"	32	1"	93	128	99.2	36	410x280x330

Brass Ball Valve With Strainer 261 (Soc×Fipt with Metal)



Size (mm)	D	D1	L1	L	H	PCS /CTN	Carton Size (mm×mm×mm)
25×3/4"	25	3/4"	93	105	89.7		
32×1"	32	1"	93	128	99.2		

Lock Ball Valve (Fipt with Metal×Fipt with Metal)



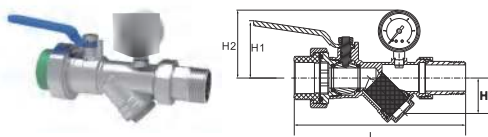
Size (mm)	D	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20	3/4"	60	67.3		
25	1"	60	67.3		

Lock Ball Valve Key



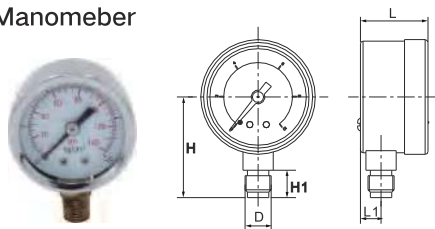
Model	PCS /CTN	Carton Size (mm×mm×mm)
F		

Long Male Thread Ball Valve with Strainer (Soc×Mipt with Meter)



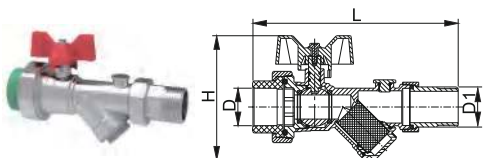
Size (mm)	L	H	H1	H2	PCS /CTN	Carton Size (mm×mm×mm)
25×1"	169.5	45	46	56.8	36	410x280x330
32×1"	170.5	45	59	56.8		

Manomeber



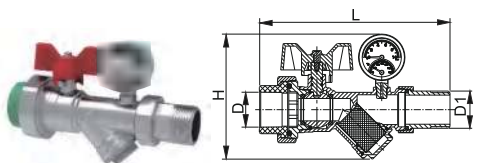
Size (mm)	Dn (mm)	L	L1	H	H1	D	PCS /CTN	Carton Size (mm×mm×mm)
G1/8"	40	24.5	7.5	36.5	10	G1/8"	282	410x280x330

Long male thread ball valve with strainer (butterfly handle)



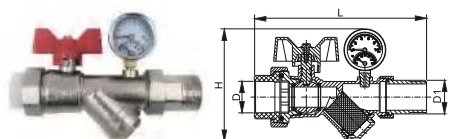
Size (mm)	L	H	D	D1	PCS /CTN	Carton Size (mm×mm×mm)
25×1"	169	103.2	25	1"		
32×1"	170	103.2	32	1"		

Long male thread ball valve with strainer meter (butterfly handle)



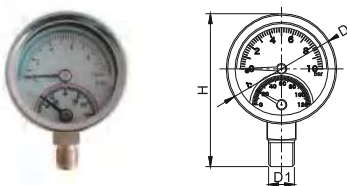
Size (mm)	L	H	D	D1	PCS /CTN	Carton Size (mm×mm×mm)
25×1"	169	111.7	25	1"		
32×1"	170	111.7	32	1"	36	410x280x330

Long Male Thread Ball Valve with Strainer Temperature and Pressure Integral Meter (Butterfly Handle) (Soc×Mipt with Metal)



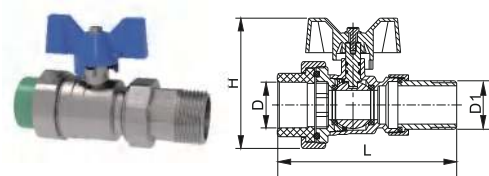
Size (mm)	L	H	D	D1	PCS /CTN	Carton Size (mm×mm×mm)
25×1"	169	111.7	25	1"		
32×1"	170	111.7	32	1"	36	410x280x330

Temperature gauge manometer



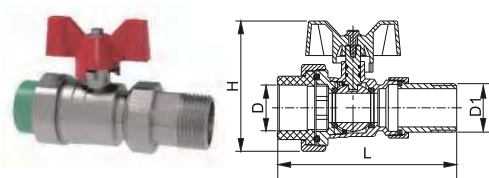
Size (mm)	H	D	D1	PCS /CTN	Carton Size (mm×mm×mm)
G1/8"	52	42	G1/8"		

Long male thread ball valve (blue butterfly handle)



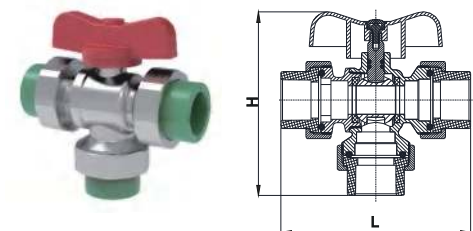
Size (mm)	L	H	D	D1	PCS /CTN	Carton Size (mm×mm×mm)
25×1"	120.5	82	25	1"	60	410x280x330
32×1"	121.5	88.5	32	1"	48	410x280x330

Long male thread ball valve (Red butterfly handle)



Size (mm)	L	H	D	D1	PCS /CTN	Carton Size (mm×mm×mm)
25×1"	120.5	82	25	1"	60	410x280x330
32×1"	121.5	88.5	32	1"	48	410x280x330

Tee Ball Valve (Soc×Soc×Soc)

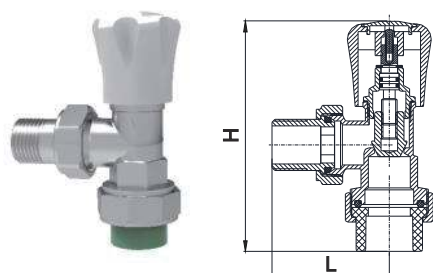


Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
25	113.3	109.5	36	410x280x330

Definitions of abbreviated configuration description follow

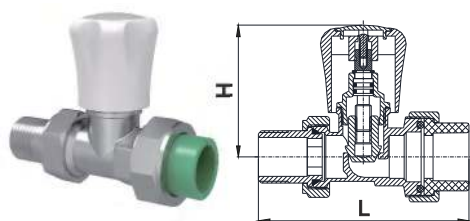
Soc: Socket Fipt: Female Iron Pipe Thread
Spig: Spigot Mipt: Male Iron Pipe Thread

Manual Temperature Control
Angle Valve (Soc × Mipt with Metal)



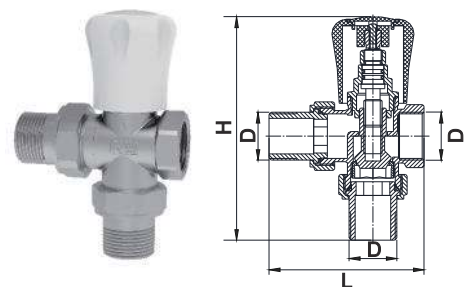
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
25×3/4"	60	118		
32×1"	75	132		

Manual Temperature Control
Straight Valve (Soc × Mipt with Metal)



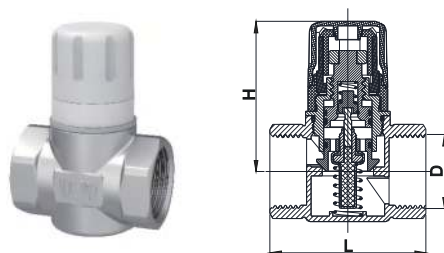
Size (mm)	L	H	PCS /CTN	Carton Size (mm×mm×mm)
25×3/4"	105	66		
32×1"	130	77		

Manual Temperature Control
Tee Ball Valve (Mipt with Metal × Mipt
with Metal × Fipt with Metal)



Size (mm)	D	L	H	PCS /CTN	Carton Size (mm×mm×mm)
20	3/4"	85	123		

The User Control WaterTemperature
Control Valve (Fipt with Metal × Fipt
with Metal)

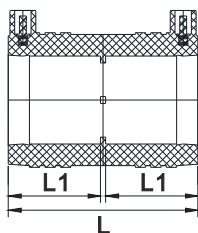


Size (mm)	D	L	H	PCS /CTN	Carton Size (mm×mm×mm)
25	1"	70	67.3		

Definitions of abbreviated configuration description follow

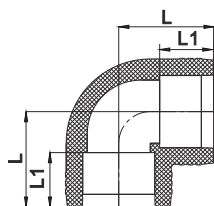
Soc: Socket Fipt: Female Iron Pipe Thread
Spig: Spigot Mipt: Male Iron Pipe Thread

E/F Coupling



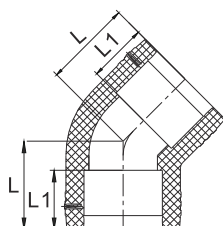
Size (mm)	L1	L	PCS/CTN	Carton Size (mm×mm×mm)
50	53.5	110	36	410x280x330
63	61.5	126	50	560x420x330
75	68.5	140	15	410x280x330
90	77.5	158	10	410x280x330
110	83.5	170	12	560x420x330
160	100.5	204	3	560x420x330

E/F 90° Elbow



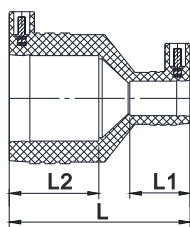
Size (mm)	L1	L	PCS/CTN	Carton Size (mm×mm×mm)
75	68.5	113.1	8	410x280x330
110	83.5	146.9	6	560x420x330
160	100.5	193	1	410x280x330

E/F 45° Elbow



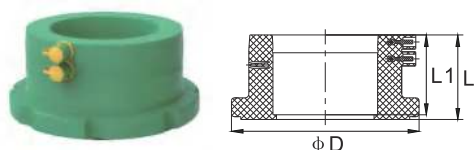
Size (mm)	L1	L	PCS/CTN	Carton Size (mm×mm×mm)
40	48	65.4	50	410x280x330
75	68.5	98.2	8	410x280x330
110	83.5	124.9	6	560x420x330
160	100.5	160.7	1	410x280x330

E/F Reducer



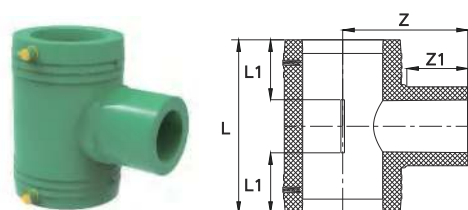
Size (mm)	L1	L	L2	PCS/CTN	Carton Size (mm×mm×mm)
40×32	43	107	48	72	410x280x330
50×20	36	108	53.5	45	410x280x330
50×25	40	112	53.5	36	410x280x330
50×32	43	115	53.5	36	410x280x330
63×25	40	122	62	28	410x280x330
63×32	43	125	62	54	560x420x330
63×40	48	130	62	28	410x280x330
63×50	53.5	136	62	42	560x420x330
75×32	43	134	69	21	410x280x330
75×40	48	139	69	15	410x280x330
75×50	53.5	145	69	15	410x280x330
75×63	62	153	69	14	410x280x330
90×63	62	165	78	10	410x280x330
110×63	62	174	84	20	560x420x330
110×75	69	181	84	12	560x420x330
110×90	78	190	84	12	560x420x330
160×90	78	223	100	2	410x280x330
160×110	84	232	100	2	410x280x330

E/F Stub Flange



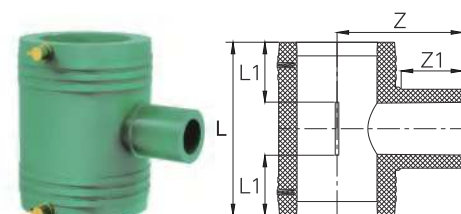
Size (mm)	L1	L	D	PCS/CTN	Carton Size (mm×mm×mm)
90	79	87	170	24	560x420x330

E/F Tee



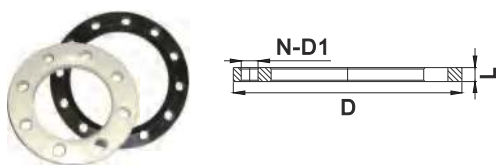
Size (mm)	L1	L	Z1	Z	PCS/CTN	Carton Size (mm×mm×mm)
63	61.5	165	63	116	18	560x420x330
75	68.5	187	70	133	15	560x420x330
90	77.5	215	79	153	4	410x280x330
110	83.5	241	85	174.5	5	560x420x330
160	100	313	100	237	2	560x420x330

E/F Reducing Tee



Size (mm)	L1	L	Z1	Z	PCS/CTN	Carton Size (mm×mm×mm)
40×25	48	113	41	76	60	410x280x330
63×25	61.5	140	41	92.5	15	410x280x330
75×32	68.5	158	44	104.5	12	410x280x330
75×40	68.5	164	49	110	24	560x420x330
75×50	68.5	171	55	117	9	410x280x330
75×63	68.5	179	63	125	9	410x280x330
90×40	77.5	182	49	121	15	560x420x330
90×50	77.5	189	55	128	8	410x280x330
90×63	77.5	197	63	136	6	410x280x330
90×75	77.5	205	70	144	5	410x280x330
110×63	83.5	209	63	150.5	4	410x280x330
110×90	83.5	227	79	167.5	5	560x420x330
160×63	100	242	63	187	3	560x420x330
160×75	100	250	70	195	2	560x420x330
160×90	100	250	79	204	2	560x420x330
160×110	100	274	85	212	2	560x420x330

E/F Flange(Steel Tray)



Size (mm)	N	D1	L	D	PCS/CTN	Carton Size (mm×mm×mm)
90	8	18	15	220		

Definitions of abbreviated configuration description follow

E/F: Electro Fusion

