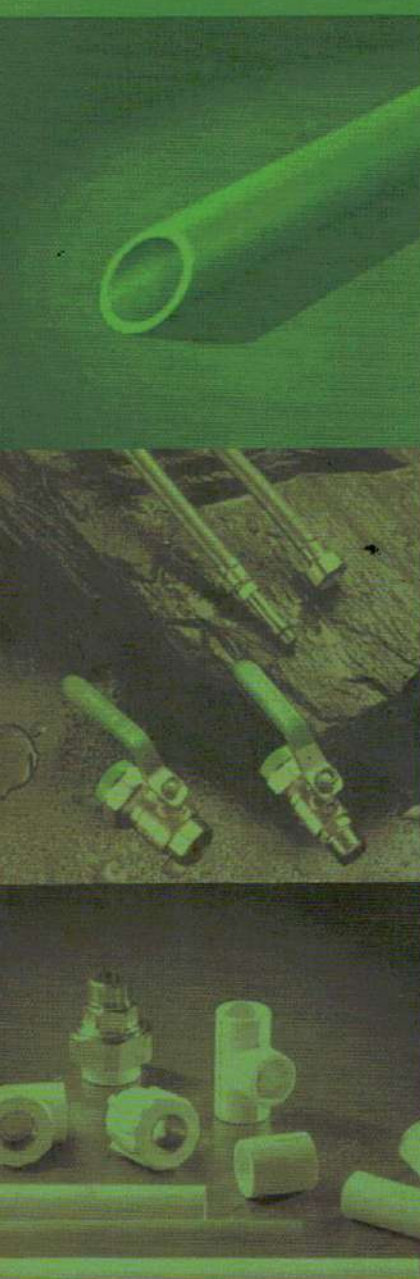
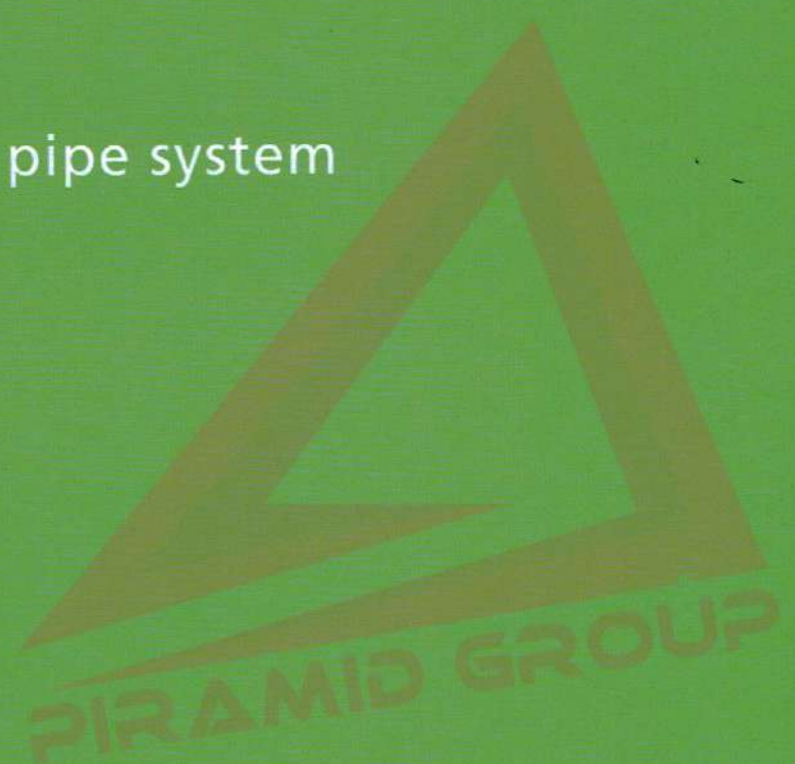


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WEIXING PIPE SYSTEMS

PP-R pipe system

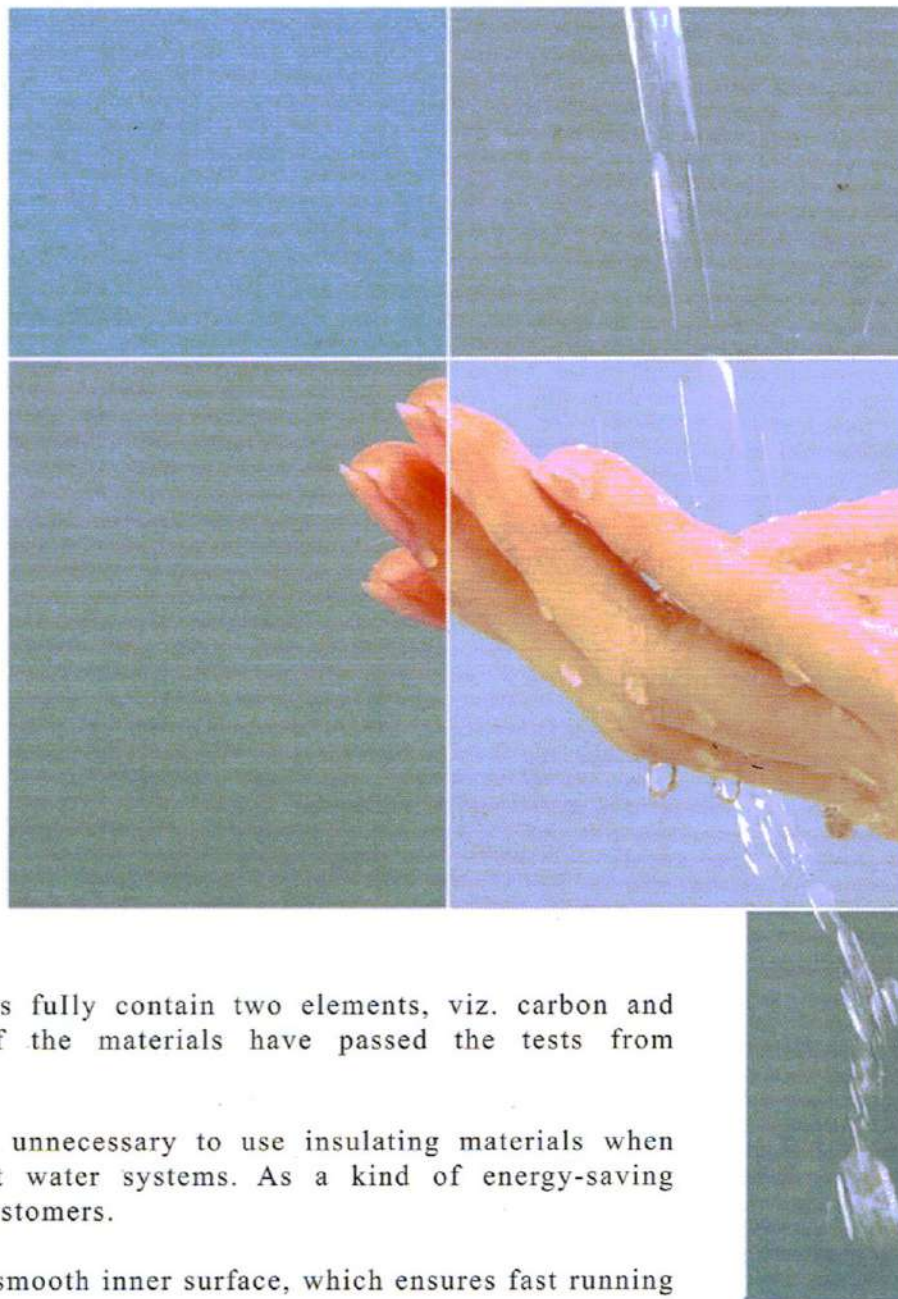


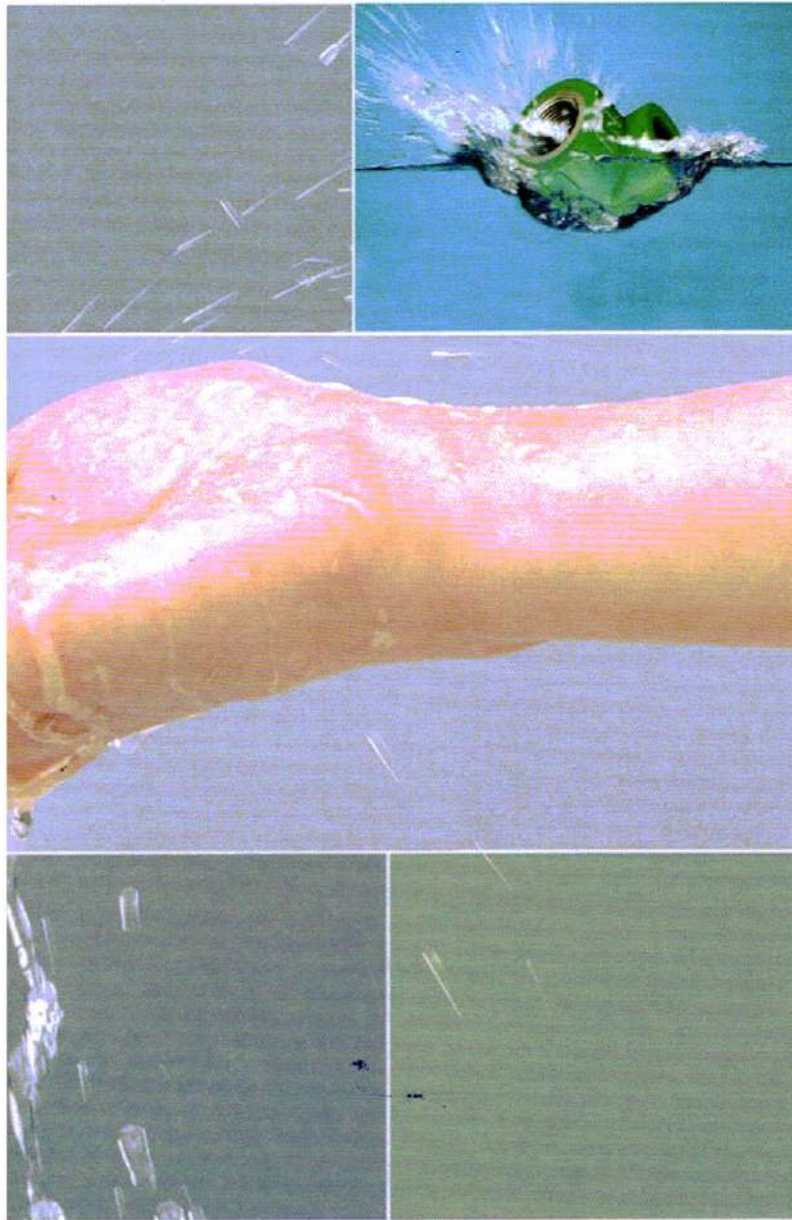
PT. PYRAMID CAHAYA ABADI
KOMPLEK RUKO 46 BLOK E No.9
PANGERAN JAYAKARTA - SAWAH BESAR
JAKARTA PUSAT, 10730.
021 - 6220 0527 // 021 - 2268 4382
SALES@PYRAMIDGROUP.COM
0812 8485 6995

ADVANTAGES

PP-R pipes, made from polypropylene random copolymer in 1990s, are applied in cold and hot water supply in new or old buildings. The main advantages are listed as follows:

- Light weight : The density of the pipes is only 0.89-0.91g./cm³. which is only one ninth of steal pipes and one tenth of copper ones. The freight and working intensity will be lowered greatly !
- Good heat resistance, it can be used over 50 years under the temperature of 70°C and for a short period, it can be used in up to 95° C. The softening point is 131.3° C.
- Long service life, when the working temperature is 70° C and working pressure is 10 kg/cm². Its service life can reach over 50 years.
- Good corrosion resistance, WeiXing PP-R pipes are resistant to corrosion from most of chemical mediators, bacteria - free and good for health.
- Heat melting connection, the pipe and fitting made from the same materials are joined together by electrofusion. The pulling, bending and impact strength in joint are all higher than the pipe itself, which prevents the danger of leakage. Our application of the advanced heat welding technology in the world makes the installation much easier, quicker and safer.
- Nonpoisonous and harmless, PPR pipes fully contain two elements, viz. carbon and hydrogen. The sanitary properties of the materials have passed the tests from national authority.
- Good thermal insulation property. It's unnecessary to use insulating materials when WeiXing PP-R pipes are used in hot water systems. As a kind of energy-saving product, it is more popular among the customers.
- Smooth inner surface, PP-R pipes have smooth inner surface, which ensures fast running of the water.
- Real green building material, the pipes are made from thermoplastic material with good function of environmental protection. During their production, installation and application, no pollution will be caused to the environment. Meanwhile, the materials can be recycled, and then resource wasting can be minimized.





APPLICATION FIELDS

Because of the advantages above, PP-R pipe systems can be widely used in the pipe system installation and replacement of the new building projects. The application fields mainly contain:

- Cold and hot water supply for civil buildings, such as residence, hospitals, hotels, offices, schools and buildings on ship, etc.
- Industrial pipe networks for foodstuff, chemical and electric industry, etc. like the transportation of some corrosive fluids (acid or alkaline water and ionized water, etc.)
- Pipe networks for purified water and mineral water.
- Pipe networks for air conditioning equipment.
- Pipe networks for floor heating system.
- Pipe networks for rainwater utilization system.
- Pipe networks for swimming pool facilities.
- Pipe networks for agriculture and horticulture.
- Pipe networks for solar energy facilities.



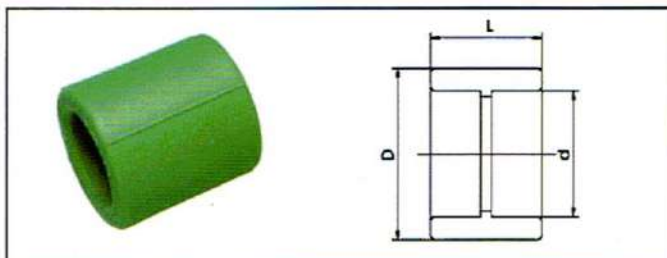
PP-R Pipe

Standard: DIN7077/78;ISO15874;GB/T18742

Diameter DN, mm	Wall Thickness			
	S (20°C Pressure, MPa)			
	S5 (PN 10)	S5 (PN 12.5)	S5 (PN 16)	S5 (PN 20)
16	--	2.0	2.2	2.7
20	2.0	2.3	2.8	3.4
25	2.3	2.8	3.5	4.2
32	2.9	3.6	4.4	5.4
40	3.7	4.5	5.5	6.7
50	4.6	5.6	6.9	8.3
63	5.8	7.1	8.6	10.5
75	6.8	8.4	10.3	12.5
90	8.2	10.1	12.3	15.0
110	10.0	12.3	15.1	18.3
125	11.4	14.0	17.1	
160	14.6	17.9	21.9	
200	18.2			
250	22.7			
315	28.6			

Socket

WX100

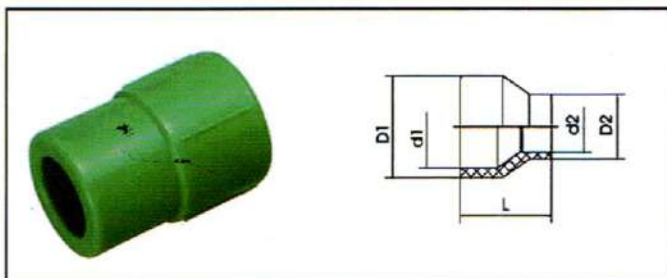


Description

D16	D50
D20	D63
D25	D75
D32	D90
D40	D110

Reducer

WX110

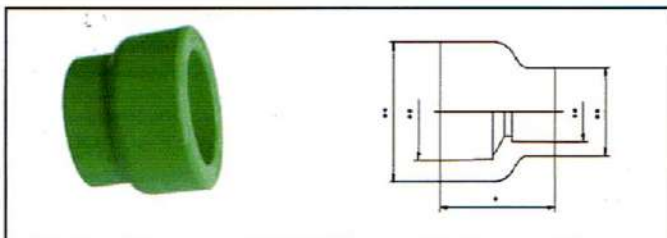


Description

D20/16	D63/40	D160/110
D25/20	D63/50	D160/125
D32/20	D75/63	D200/90
D32/25	D90/63	D200/110
D40/20	D90/75	D200/160
D40/25	D110/63	D250/110
D40/32	D110/75	D250/125
D50/20	D110/90	D250/160
D50/25	D125/63	D250/200
D50/32	D125/90	D315/200
D50/40	D125/110	D315/250
D63/25	D160/63	
D63/32	D160/90	

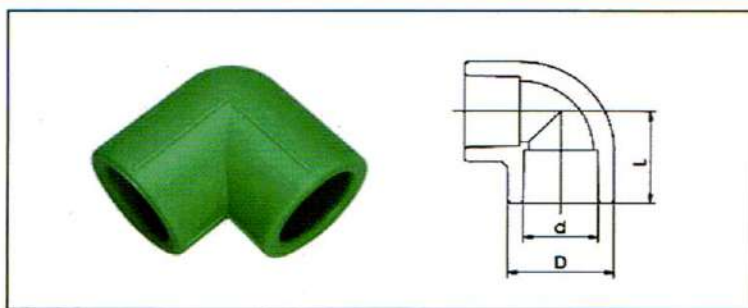
Bushing

WX120



Description

D25/20	D50/25	D75/63
D32/20	D50/32	D90/63
D32/25	D50/40	D90/75
D40/20	D63/25	D110/63
D40/25	D63/32	D110/75
D40/32	D63/40	D110/90
D50/20	D63/50	

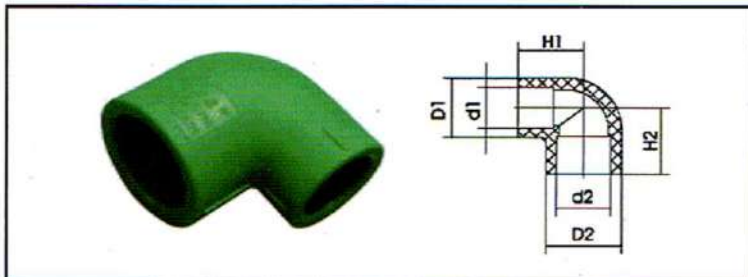


Description

D16	D90
D20	D110
D25	D125
D32	D160
D40	D200
D50	D250
D63	D315
D75	

Reducing Elbow 90

WX210



Description

D25/20
D32/20
D32/25

Elbow 45

WX220

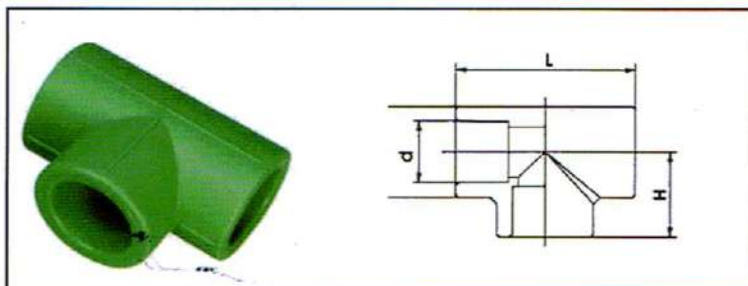


Description

D16	D90
D20	D110
D25	D125
D32	D160
D40	D200
D50	D250
D63	D315
D75	

Tee

WX300

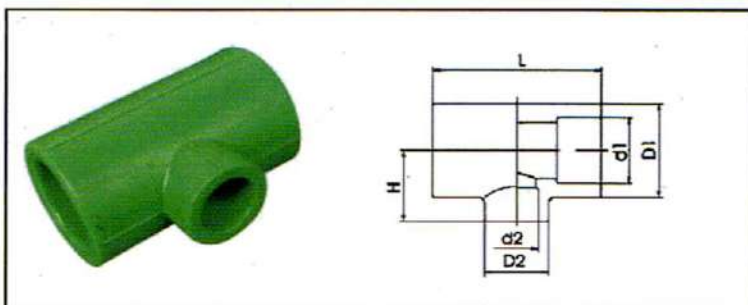


Description

D16	D90
D20	D110
D25	D125
D32	D160
D40	D200
D50	D250
D63	D315
D75	

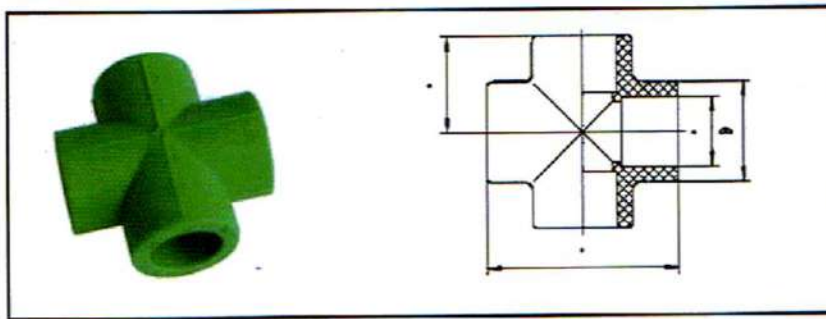
Reducing Tee

WX310



Description

D20/20/32	D75/20/75	D110/75/110
D20/25/20	D75/25/75	D110/90/110
D25/25/32	D75/32/75	D125/63/125
D25/20/25	D75/40/75	D125/90/125
D32/20/32	D75/50/75	D160/63/160
D32/25/32	D75/63/75	D160/90/160
D40/20/40	D90/25/90	D160/110/160
D40/25/40	D90/32/90	D200/90/200
D40/32/40	D90/40/90	D200/110/200
D50/20/50	D90/50/90	D200/160/200
D50/25/50	D90/63/90	D250/110/250
D50/32/50	D90/75/90	D250/160/250
D50/40/50	D110/25/110	D250/200/250
D63/25/63	D110/32/110	D315/200/315
D63/32/63	D110/40/110	D315/250/315
D63/40/63	D110/50/110	
D63/50/63	D110/63/110	



Description

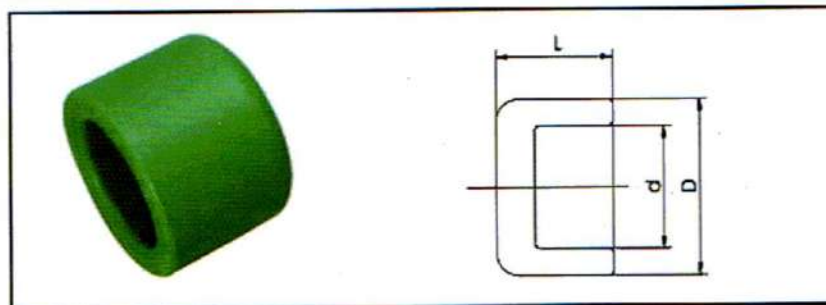
D20

D25

D32

End Cap

WX500



Description

D16 D90

D20 D110

D25 D125

D32 D160

D40 D200

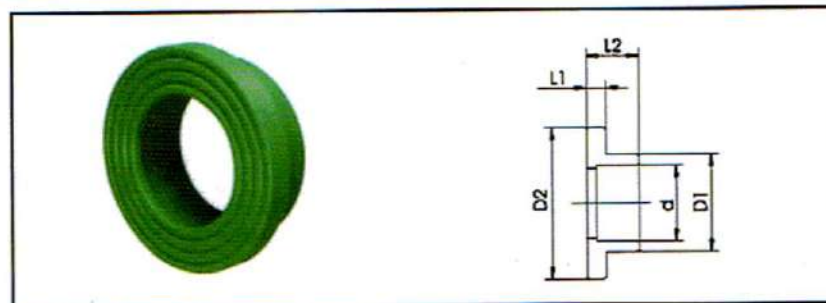
D50 D250

D63 D315

D75

Flange Adaptor

WX400



Description

D40

D50

D63

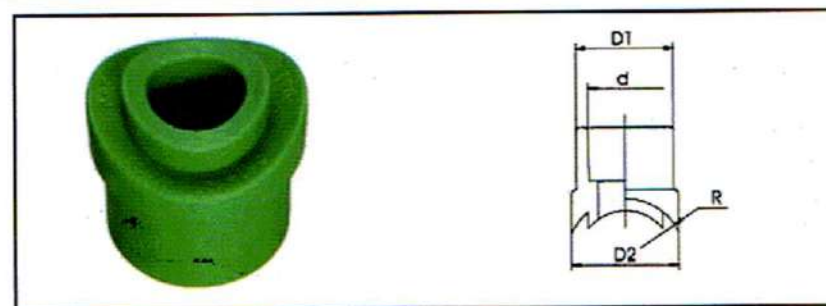
D75

D90

D110

Saddle

WX600



Description

D50/25

D63/25

D75/25

D90/25

D90/32

D110/25

D110/32

End Cap With Thread

WX502



Description

R1/2

R3/4

Cross Fitting

WX003-1

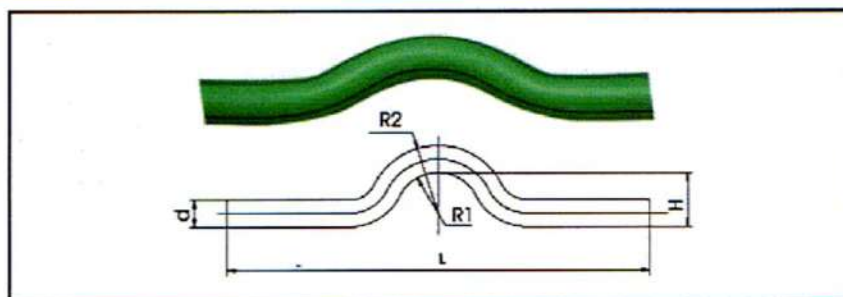


Description

D20

D25

D32



Description

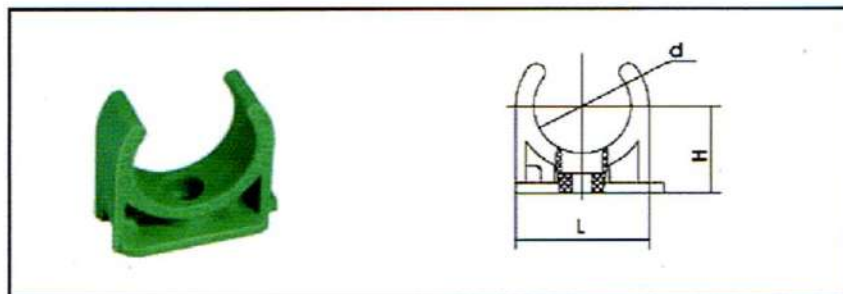
D20

D25

D32

Small Plastic Clip

WX8001



Description

D16

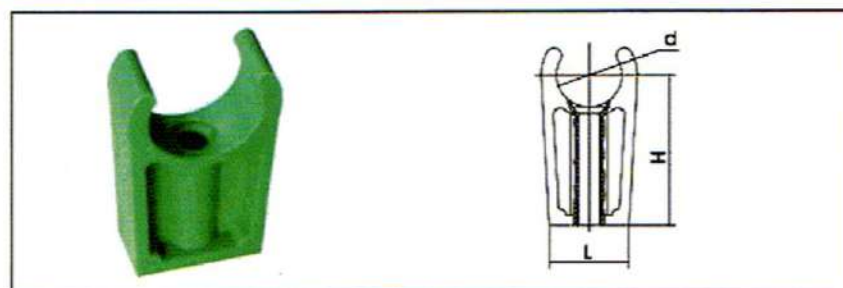
D20

D25

D32

Large Plastic Clip

WX8000



Description

D20

D25

D32

Clip With Thread

WX8003



Description

D16

D20

D25

D32

Metal Clip

WX8002



Description

D20 D63

D25 D75

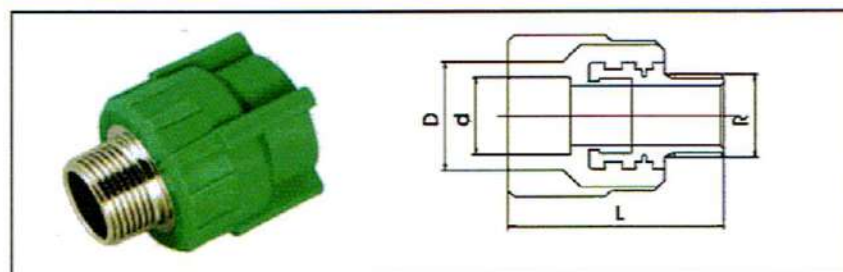
D32 D90

D40 D110

D50

Male Thread Connector

WX101



Description

D16*1/2 D32*3/4

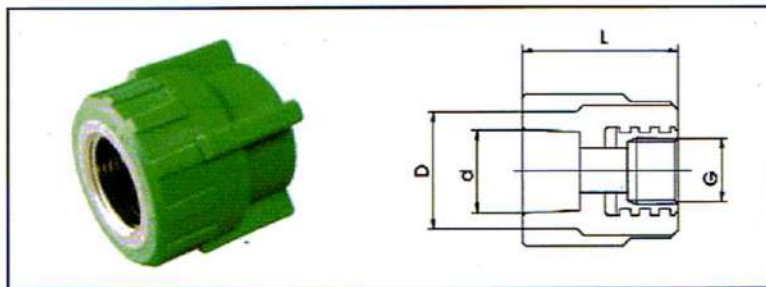
D20*1/2 D32*1

D20*3/4 D40*1 1/4

D25*1/2 D50*1 1/2

D25*3/4 D63*2

D32*1/2

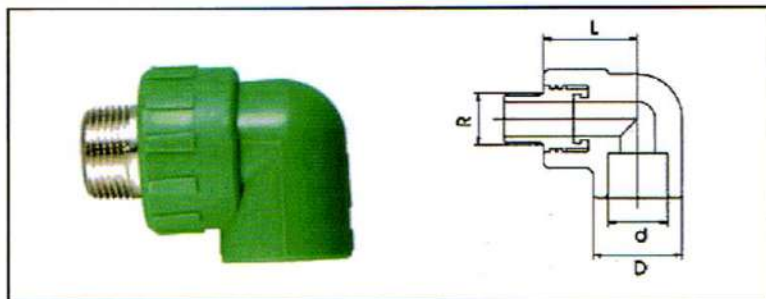


Description

D20*1/2	D32*3/4
D20*3/4	D32*1
D25*1/2	D40*1 1/4
D25*3/4	D50*1 1/2
D32*1/2	D63*2

Male Thread Elbow

WX201

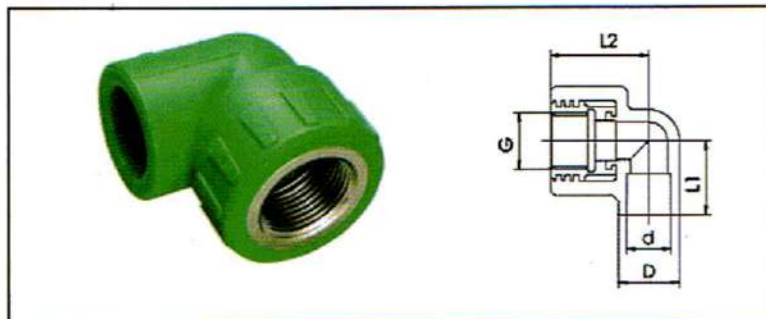


Description

D16*1/2
D20*1/2
D20*3/4
D25*1/2
D25*3/4
D32*1/2
D32*3/4
D32*1

Female Thread Elbow

WX202



Description

D16*1/2
D20*1/2
D20*3/4
D25*1/2
D25*3/4
D32*1/2
D32*3/4
D32*1

Female Thread Elbow With Ear

WX202-1

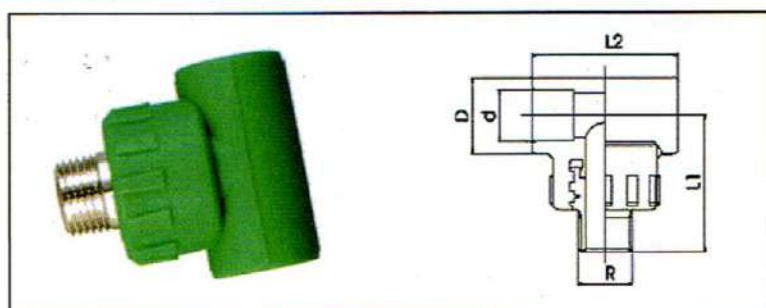


Description

D20*1/2
D25*3/4

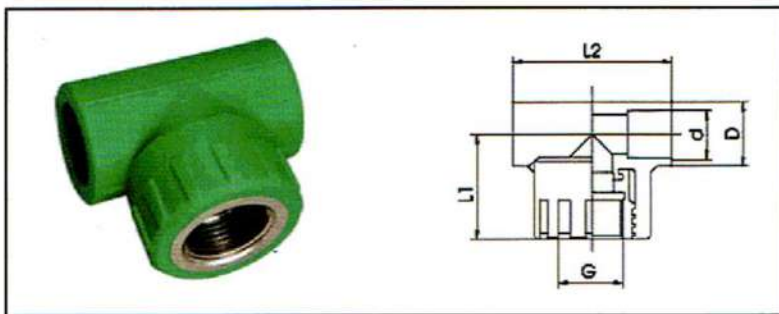
Male Thread Tee

WX301



Description

D16*1/2*16
D20*1/2*20
D20*3/4*20
D25*3/4*25
D32*1/2*32
D32*3/4*32
D32*1*32



Description

D16*1/2*16	D32*1/2*32
D20*1/2*20	D32*3/4*32
D20*3/4*20	D32*1*32
D25*1/2*25	1/2*D32*D32
D25*3/4*25	D40*1*40

Male Thread Union (Metal/Plastic) WX103-1



Description

D20*1/2
D25*3/4
D25*1
D32*1
D40*1 1/4
D50*1 1/2
D63*2

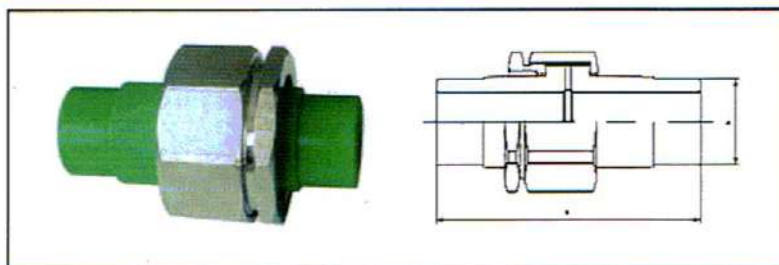
Female Thread Union (Metal/Plastic) WX103-2



Description

D20*1/2
D25*3/4
D32*1

Union (Plastic/Plastic) WX103-3

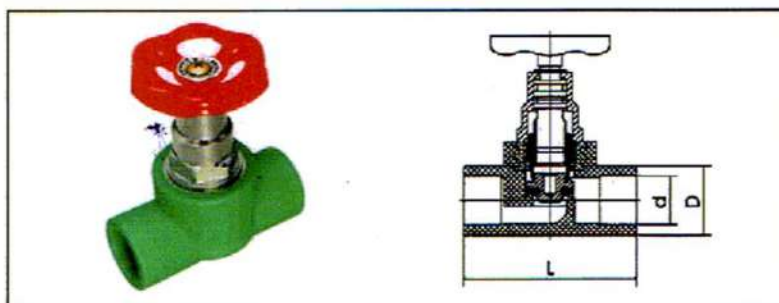


Description

D20
D25
D32
D40

Stop Valve

WX9012-B



Description

D20
D25
D32
D40
D50
D63

Single Union & Male Thread Ball Valve WX9021



Description

D20*1/2
D25*3/4
D32*1

Single Union & Female Thread Ball Valve WX9022



Description

D20*1/2
D25*3/4
D32*1

Double Union Ball Valve

WX9020



Description

D20
D25
D32
D40
D50
D63

Flange Plate

WX900



Description

D40*
D50*
D63*
D75*
D90*
D110*

Welding Machine Mould

WX802



Description

D16* D50*
D20* D63*
D25* D75*
D32* D90*
D40* D110*

Welding Machine

WX800



Description

D20-32*
D20-63*
D75-110*

Welding Machine Saddle Mould

WX9015



Description

D50-25*
D63-25*
D75-25*
D90-25*
D110-25*

Repairing Stick Mould

WX9016

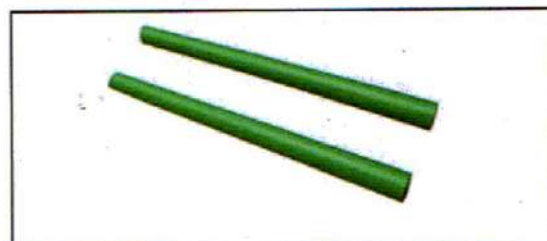


Description

D7*
D11*

Repairing Stick

WX9016



Description

D7/11