



PIPES & FITTINGS

ILYAS
PPRC PIPES & FITTINGS

The Difference is Quality!

COMPANY
Profile

Under Ground
Hot & Cold
Water Supply System



A PROJECT OF



Sanitary Fittings

ILYAS PIPE INDUSTRIES

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www.ilyaspipes.com

UAN: 0304-1112067



PLASTIC INDUSTRY



SANITARY FITTINGS



PIPE INDUSTRIES



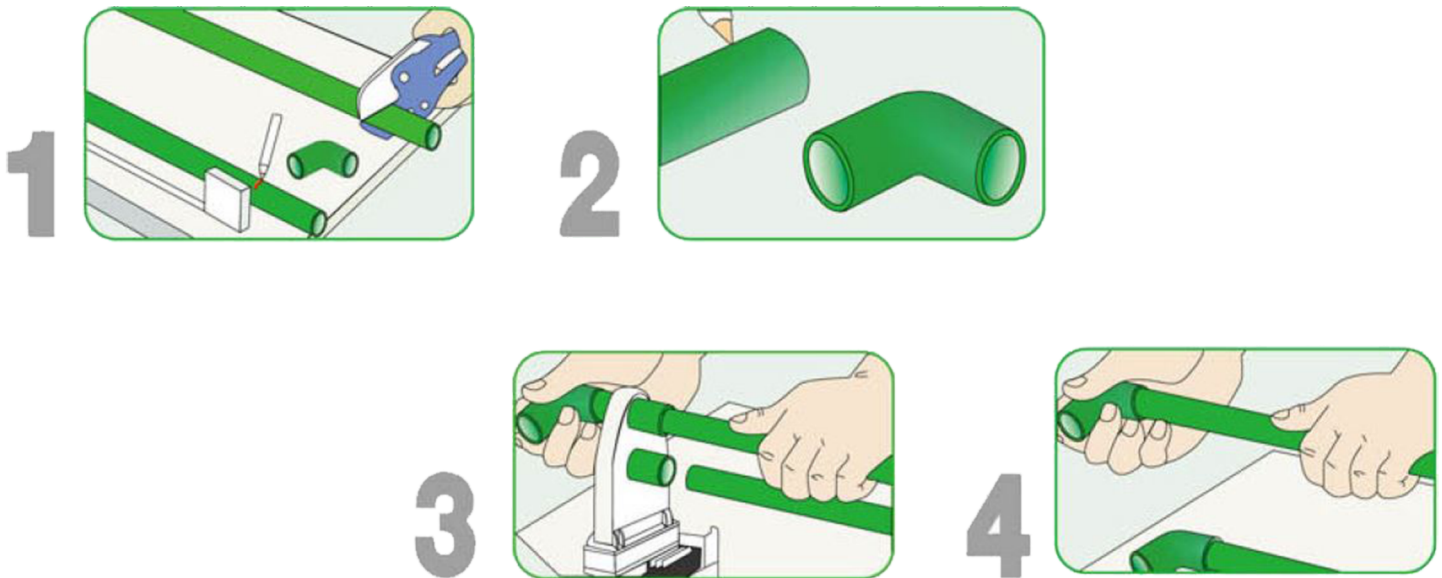
STEEL INDUSTRY



Introduction

ILYAS PPRC PIPES & FITTING is among the top choices for market leading companies in the domestic market. By the constant dedication and devotion with firm determination of the committed and professionally skilled team working with proper process of planning & future forecasting it finally became one of the fastest growing plastic manufacturing companies in the region. . Our qualities and services has always helped us to have a sustaining and rewarding relationship with esteemed client.

HEAT FUSION PROCEDURE



The Difference is Quality!

Under Ground
Hot & Cold
Water Supply System



PIPES & FITTINGS



Advantages & Application Fields

Advantages:

- PP-R pipes, made from polypropylene random copolymer in 1990's 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 steel 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 degree C and for a short period, it can be used in up to 95 degree C. The softening point is 131.3 degree C.
- **Long service life:** When the working temperature is 70 degree C and working pressure is 10kg/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 properly:** 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:** PPR 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 environment protection. During their production, installation and application, no pollution will be caused to the environment. Meanwhile, the material 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 systems can be widely used in the pipe systems 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 utilizations system.
- Pipe networks for swimming pool facilities.



PIPES & FITTINGS

Product Standard

PP-R Pipe

Standard: DIN7077/78, GB/T 18742

Diameter DN, mm	Wall Thickness			
	S(20 C Pressure, Mpa)			
	S5(PN1.25)	S4(PN1.6)	S3(PN2.0)	S2, 5(PN2.5)
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

Pressure grade: PN 20

Standards: DIN8077/78

Length supplied: 4m as a rule, or as customers require

Packing unit: in meter/roll

Color: green/grey/white

Pipe	diameter	wall thickness	internal diameter	water content	unit weight
diameter	mm	mm	mm	L/m	kg/m
20mm	20	3.4	13.2	0.137	0.172
25mm	25	4.2	16.6	0.216	0.226
32mm	32	5.4	21.2	0.353	0.434
40mm	40	6.7	26.6	0.556	0.671
50mm	50	8.3	33.2	0.866	1.050
63mm	63	10.5	42.0	1.385	1.650

Pressure grade: PN 16

Standards: DIN8077/78

Length supplied: 4m as a rule, or as customers require

Packing unit: in meter/roll

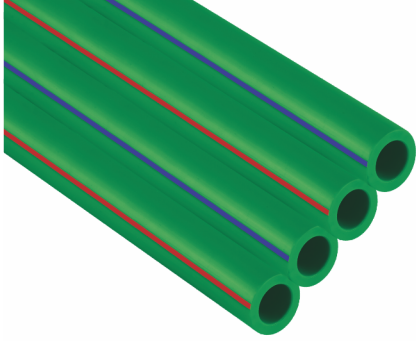
Color: green/grey/white

Pipe	diameter	wall thickness	internal diameter	water content	unit weight
diameter	mm	mm	mm	L/m	kg/m
16mm	16	2.2	11.6	0.106	0.086
20mm	20	2.8	14.1	0.163	0.149
25mm	25	3.5	18.0	0.254	0.228
32mm	32	4.4	23.0	0.415	0.375
40mm	40	5.5	28.8	0.651	0.575
50mm	50	6.9	36.2	1.029	0.862
63mm	63	8.6	45.6	1.633	1.379



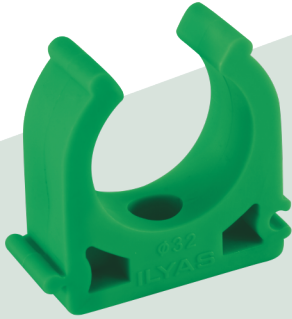
PIPES & FITTINGS

PIPE پائپ



ITEM CODE	SIZE
PN2020	20 mm
PN2025	25 mm
PN2032	32 mm
PN2040	40 mm
PN2050	50 mm
PN2063	63 mm
PN1625	25 mm
PN1632	32 mm

PIPE CLUMP پائپ کلمپ



ITEM CODE	SIZE
PC 25	25mm
PC 32	32mm
PC 40	40mm
PC 50	50mm
PC 63	63mm

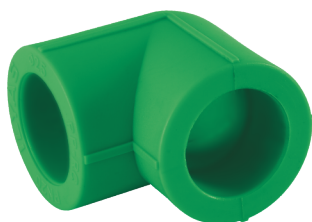
END CAP انڈکیپ



ITEM CODE	SIZE
EC 25	25mm
EC 32	32mm
EC 40	40mm
EC 50	50mm
EC 63	63mm

ELBOW

ايليو



ITEM CODE	SIZE
E 20	20 mm
E 25	25 mm
E 32	32 mm
E 40	40 mm
E 50	50 mm
E 63	63 mm

TEE

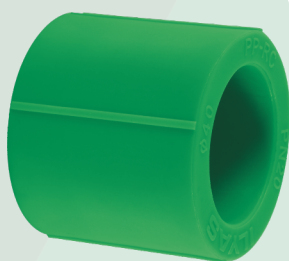
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ITEM CODE	SIZE
T 20	20 mm
T 25	25 mm
T 32	32 mm
T 40	40 mm
T 50	50 mm
T 63	63 mm

SOCKET

ساكٹ



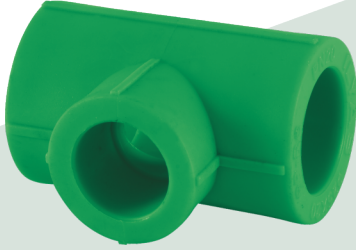
ITEM CODE	SIZE
S 20	20 mm
S 25	25 mm
S 32	32 mm
S 40	40 mm
S 50	50 mm
S 63	63 mm

**ELBOW
REDUCER** ایلبو ریڈیوسر



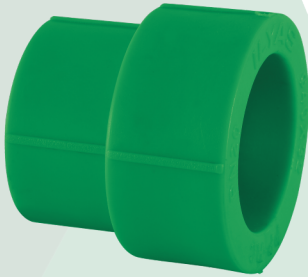
ITEM CODE	SIZE
ER 2520	25x20
ER 3220	32x20
ER 3225	32x25
ER 4025	40x25
ER 4032	40x32
ER 6350	63x50

**TEE
REDUCER** ٹی ریڈیوسر



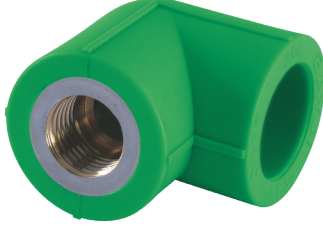
ITEM CODE	SIZE
TR 2520	25x20
TR 3220	32x20
TR 3225	32x25
TR 4025	40x25
TR 4032	40x32
TR 6350	63x50

**SOCKET
REDUCER** ساکٹ ریڈیوسر

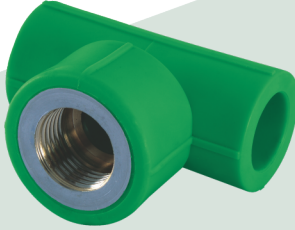


ITEM CODE	SIZE
SR 2520	25x20
SR 3220	32x20
SR 3225	32x25
SR 4025	40x25
SR 4032	40x32
SR 6350	63x50

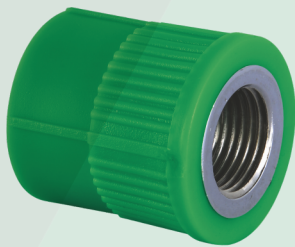
**ELBOW
FEMALE** ایلوئی فی میل



**TEE
FEMALE** ٹی فی میل



**SOCKET
FEMALE** ساکٹ فی میل



ITEM CODE	SIZE
EF 2012	20X1/2"
EF 2034	20X3/4"
EF 2512	25X1/2"
EF 2534	25X3/4"
EF 3212	32X1/2"
EF 3234	32X3/4"
EF 321	32X1"
EF 4034	40X3/4"
EF 401	40X1"
EF 40114	40X1-1/4"
EF 40112	40X1-1/2"
EF 632	63X2"

ITEM CODE	SIZE
TF 2012	20X1/2"
TF 2034	20X3/4"
TF 2512	25X1/2"
TF 2534	25X3/4"
TF 3212	32X1/2"
TF 3234	32X3/4"
TF 321	32X1"
TF 4034	40X3/4"
TF 401	40X1"
TF 40114	40X1-1/4"
TF 40112	40X1-1/2"
TF 632	63X2"

ITEM CODE	SIZE
SF 2012	20X1/2"
SF 2034	20X3/4"
SF 2512	25X1/2"
SF 2534	25X3/4"
SF 3212	32X1/2"
SF 3234	32X3/4"
SF 321	32X1"
SF 4034	40X3/4"
SF 401	40X1"
SF 40114	40X1-1/4"
SF 40112	40X1-1/2"
SF 632	63X2"



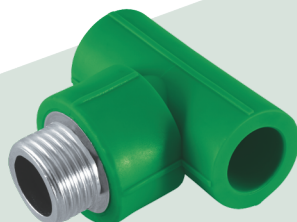
ELBOW
MALE

ایلیو میل



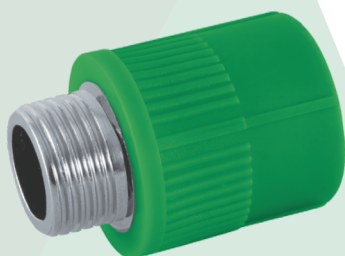
TEE MALE

ٹی میل



SOCKET
MALE

ساکٹ میل



ITEM CODE	SIZE
EM 2012	20X1/2"
EM 2034	20X3/4"
EM 2512	25X1/2"
EM 2534	25X3/4"
EM 3212	32X1/2"
EM 3234	32X3/4"
EM 321	32X1"
EM 4034	40X3/4"
EM 401	40X1"
EM 40114	40X1-1/4"
EM 40112	40X1-1/2"
EM 632	63X2"

ITEM CODE	SIZE
TM 2012	20X1/2"
TM 2034	20X3/4"
TM 2512	25X1/2"
TM 2534	25X3/4"
TM 3212	32X1/2"
TM 3234	32X3/4"
TM 321	32X1"
TM 4034	40X3/4"
TM 401	40X1"
TM 40114	40X1-1/4"
TM 40112	40X1-1/2"
TM 632	63X2"

ITEM CODE	SIZE
SM 2012	20X1/2"
SM 2034	20X3/4"
SM 2512	25X1/2"
SM 2534	25X3/4"
SM 3212	32X1/2"
SM 3234	32X3/4"
SM 321	32X1"
SM 4034	40X3/4"
SM 401	40X1"
SM 40114	40X1-1/4"
SM 40112	40X1-1/2"
SM 632	63X2"



PIPES & FITTINGS

**UNION
PPRC**

یونین پی پی آر سی



ITEM CODE	SIZE
UP 20	20mm
UP 25	25mm
UP 32	32mm
UP 40	40mm
UP 50	50mm
UP 63	63mm

**OVER
CROSS**

اوور کراس



ITEM CODE	SIZE
OC 20	20mm
OC 25	25mm
OC 32	32mm
OC 40	40mm
OC 50	50mm
OC 63	63mm

**BALL
VALVE**

بال والو



ITEM CODE	SIZE
BV 20	20mm
BV 25	25mm
BV 32	32mm
BV 40	40mm
BV 50	50mm
BV 63	63mm

GATE VALVE گیٹ والو کوکٹورین

VICTORIAN



ITEM CODE	SIZE
GVV 20	20mm
GVV 25	25mm
GVV 32	32mm
GVV 40	40mm
GVV 50	50mm
GVV 63	63mm

GATE VALVE گیٹ والو ویل

WHEEL



ITEM CODE	SIZE
GVW 20	20mm
GVW 25	25mm
GVW 32	32mm
GVW 40	40mm
GVW 50	50mm
GVW 63	63mm

GATE VALVE گیٹ والو انڈر گراؤنڈ

UNDER GROUND



ITEM CODE	SIZE
GVU 20	20mm
GVU 25	25mm
GVU 32	32mm

**CROSS
TEE**

کراس ٹی



ITEM CODE	SIZE
CT 25	25 mm
CT 32	32 mm
CT 40	40 mm

ELBOW 45

ایلیو



ITEM CODE	SIZE
E 4525	25 mm
E 4532	32 mm
E 4540	40 mm

**END
PLUG**

انڈپلگ



ITEM CODE	SIZE
EP 12	1/2"
EP 34	3/4"
EP 1	1"

STOP
COCK

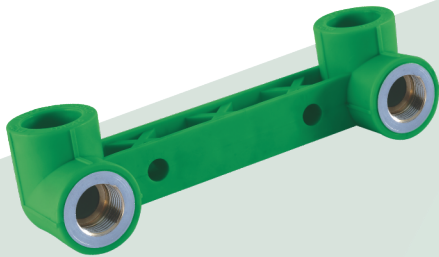
سٹاپ کاک



ITEM CODE	SIZE
SC 25	25mm
SC 32	32mm

MIXER
ELBOW

مکسر ایلبو



ITEM CODE	SIZE
ME 25	25mm