

PPR Fittings DIN 16962

ملحقات أنابيب البولي بروبلين



Elbow 90°

20, 25, 32, 40, 50, 63
75, 110



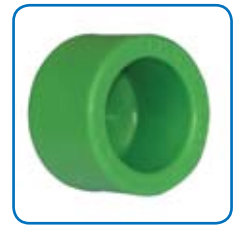
Equal Tee

20, 25, 32, 40, 50, 63
75, 110



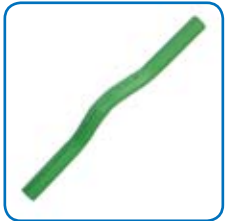
Socket

20, 25, 32, 40, 50, 63
75, 110



End Cap

20, 25, 32, 40, 50, 63
75



Cross Over

20, 25, 32



Reduced Socket

25X20, 32X20, 32X25, 40X25,
40X32, 50X25, 50X32, 50X40,
63X25, 63X32, 63X40, 63X50
75X32, 75X40, 75X50, 75X63



Elbow 45°

20, 25, 32, 40, 50, 63
110



**Elbow Adapter
Female Threads**

20X $\frac{1}{2}$ " , 25X $\frac{1}{2}$ " , 25X $\frac{3}{4}$ " , 32X $\frac{3}{4}$ "
32X1"



**Tee Adapter
Female Threads**

20X $\frac{1}{2}$ " , 25X $\frac{1}{2}$ " , 25X $\frac{3}{4}$ " , 32X $\frac{3}{4}$ "
32X1"



Female Adapter

20X $\frac{1}{2}$ " , 25X $\frac{1}{2}$ " , 25X $\frac{3}{4}$ " , 32X1" ,
40X1 $\frac{1}{4}$ " , 50X1 $\frac{1}{2}$ " , 63X2"



Tee Reducing

25X20, 32X20, 32X25, 40X25,
40X32, 50X25, 50X32, 50X40,
63X25, 63X32, 63X50



Male Adapter

20X $\frac{1}{2}$ " , 25X $\frac{1}{2}$ " , 25X $\frac{3}{4}$ " , 32X1" ,
40X1 $\frac{1}{4}$ " , 50X1 $\frac{1}{2}$ " , 63X2"



Union

Plastic Threads
20, 25, 32



**Union Adapter
Male Threads**

20X $\frac{1}{2}$ " , 25X $\frac{1}{2}$ " , 25X $\frac{3}{4}$ " , 32X1" ,
40X1 $\frac{1}{4}$ " , 50X1 $\frac{1}{2}$ " , 63X2"



**Union Adapter
Female Threads**

20X $\frac{1}{2}$ " , 25X $\frac{1}{2}$ " , 32X1" ,
40X1 $\frac{1}{4}$ " , 50X1 $\frac{1}{2}$ " , 63X2"



**Elbow Adapter
Male Threads**

25X $\frac{1}{2}$ " , 25X $\frac{3}{4}$ " , 32X $\frac{3}{4}$ "



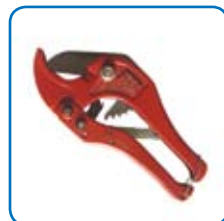
**Tee Adapter
Male Threads**

25X $\frac{1}{2}$ " , 32X $\frac{3}{4}$ "



Ball Valve

20, 25, 32, 40, 50



Pipe Cutter

20 to 32



Pipe Cutter

20 to 63, 50 to 110



Welding Device

20 to 63

For Sales Inquires – Contact:

PPR Piping System For Hot & Cold Water

أنابيب البولي بروبيلين لأنظمة المياه الساخنة والباردة

Polypropylene Random copolymer (PPR) system "NIC PPR" is ideal for all potable water piping requirements in typical residential (single and multistory), motel/ hotel, mobile home, site offices, manufactured housing, Green houses, farms, light commercial and institutional structures. Typical uses of PPR pipes are as follows.

1. Hot and cold water pressure pipes.
2. Drinking water pressure pipes. (potable water)
3. Heating, air-conditioning & chilled water pressure pipes.
4. Irrigation pipes for green houses garden and farms.
5. Compressed air conveying pipes.
6. Industrial Fluid conveying pipes.

Properties of PPR

خصائص مادة البولي بروبيلين

Property	Value	Unit	Standard
Density	0.91	g/cm ³	DIN 53479
Modulus of Elasticity	800	N/mm ²	DIN 53457
Melting temperature	140 to 150	°C	
Co-efficient of thermal expansion	1.5X10 ⁻⁴	K ⁻¹	DIN 53752
Thermal Conductivity	0.23	WK ⁻¹ m ⁻¹	DIN 52612-1

Advantages of PPR

مميزات البولي بروبيلين

1. Provides high resistance to chemicals, acids and other materials like lime and cement with which pipes may come into contact.
2. Poor electrical conductor, so pipes are not damaged by stray currents.
3. Excellent noise damping property, which is useful in places like hotels and hospitals.
4. Low thermal conductivity prevents heat loss when used in heating or cooling system.
5. Non toxic and complies with relevant international standards to use with drinking water.
6. Very smooth inner surface prevents pressure loss and also prevents sedimentary crusting inside pipe.
7. Light weight so easy to install and welding gives perfect leak proof joint.

Quality Standards

مواصفات الجودة

Pipes as per DIN 8077 & DIN 8078
Fittings as per DIN 16962
Quality System as per BS EN ISO 9001 : 2008