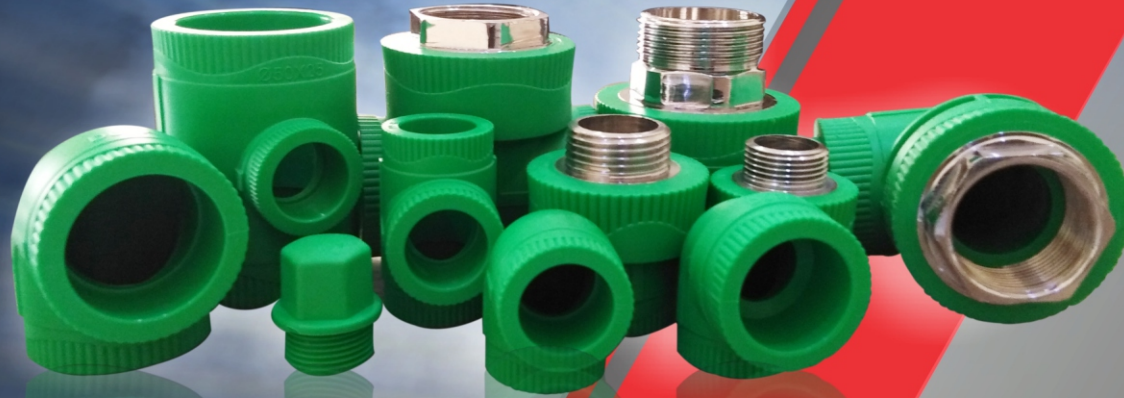
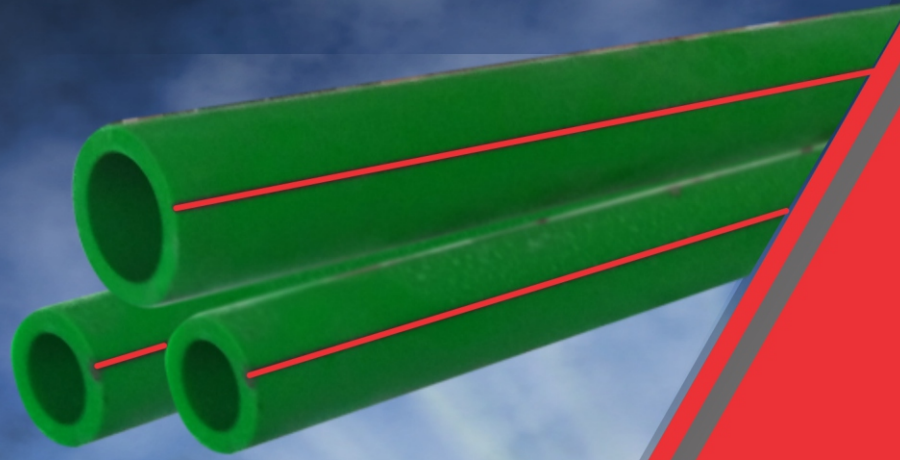


Keep Yourself Healthy[®]
DURA  **MAX**



Made Up of Best Raw Material
**PPR-25mm to 63mm
Pipes & Fittings**

اب رہو بے فکر

**HOT & COLD
Water Supply Pipes & Fittings**

*“The heart and soul of the
company is creativity
and innovation”*



A Product of  Group

PRODUCT DIMENSIONS AS PER DIN 8077/78 STANDARDS

PN 16 -PN 20 AS PER DIN 8077/78 STANDARDS.

Size (mm)	Minimum Outer Diameter (mm)	Maximum Outer Diameter (mm)	Minimum Wall Thickness (PN-16mm)	Maximum Wall Thickness (PN-16mm)	Minimum Wall Thickness (PN-20mm)	Maximum Wall Thickness (PN-20mm)
25	25	25.3	3.5	4.1	4.2	4.9
32	32	32.3	4.4	5.1	5.4	6.2
40	40	40.4	5.5	6.3	6.7	7.6
50	50	50.5	6.9	7.8	8.3	9.4
63	63	63.6	8.6	9.7	10.5	11.8

ALLOWABLE OPERATING PRESSURE

THE SERVICE LIFE OF DURA MAX PPRC PIPE AND FITTINGS DEPENDS ON THE PRESSURE AND TEMPERATURE.

Temperature	DURA PPRC PIPE PN 16		DURA PPRC PIPE PN 20	
	Standard Dimension Ratio (SDR)		Standard Dimension Ratio (SDR)	
°C	Years of Service	7.4	6	
		Allowable Operating Pressure (Bar)		
30	1	24.2	30.7	
	5	22.7	28.6	
	10	22.1	27.8	
	25	21.3	26.8	
	50	20.7	26.1	
	100	20.1	25.4	
40	1	20.6	25.9	
	5	19.2	24.2	
	10	18.7	23.5	
	25	18.0	22.6	
	50	17.4	22.0	
	100	16.9	21.4	
50	1	17.4	21.9	
	5	16.2	20.4	
	10	15.7	19.8	
	25	15.1	19.0	
	50	14.7	18.5	
	100	14.2	17.9	
60	1	14.7	18.5	
	5	13.6	17.2	
	10	13.2	16.6	
	25	12.7	16.0	
	50	12.3	15.5	
	100	12.3	15.5	
70	1	11.4	14.4	
	5	11.1	13.9	
	10	11.1	13.9	
	25	9.6	12.1	
	50	8.1	10.2	
	100	8.1	10.2	
80	1	10.3	13.0	
	5	9.1	11.5	
	10	7.7	9.7	
	25	6.2	7.8	
	50	6.2	7.8	
	100	6.2	7.8	
95	1	7.3	9.2	
	5	4.9	6.2	

PPR-C PIPE & FITTINGS

Backed by the sheer determination of our qualified professionals, we are engaged in offering a premium quality array of pprc pipe fitting that can be used under proper pressure and temperature values. Especially developed for all types of plumbing applications, this pprc pipe fitting is manufactured by highly qualified professionals using polypropylene random copolymer in compliance with international standards. This offered fitting is available in various specifications as per the specific needs of the clients. also, this range is available at affordable price from us.

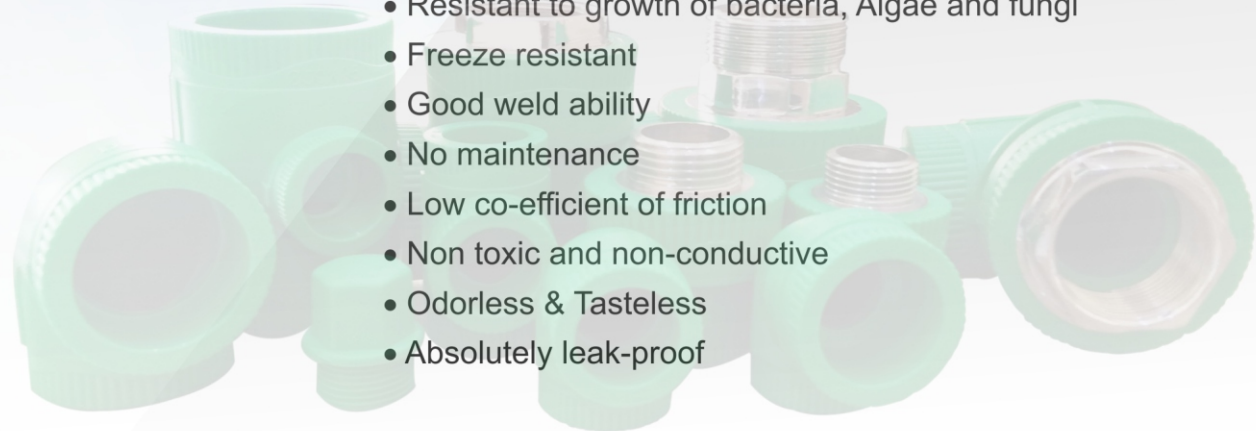
FIELD OF APPLICATION

1. Portable water pipes networks for cold and hot water installations
I.e in residential buildings, hospitals, hotels, offices and school buildings etc.
2. Pipes networks for rainwater utilization systems
3. Pipes networks for swimming pool facilities
4. Pipes networks for solar plants
5. Pipes networks in agriculture and horticulture
6. Heating pipes for residential houses
7. Pipes networks for industry i.e. transport of aggressive
Fluids (acids, leys, etc) insertion pipe relining

Keep Yourself Healthy[®]
DURA MAX

ADVANTAGES / PROPERTIES

- Light weight
- Easy transportation
- Easy laying / Installation
- Flexible and at the same time good impact strength
- UV radiation resistant
- Weather resistant
- Excellent chemical resistant(detail available)
- Resistant to growth of bacteria, Algae and fungi
- Freeze resistant
- Good weld ability
- No maintenance
- Low co-efficient of friction
- Non toxic and non-conductive
- Odorless & Tasteless
- Absolutely leak-proof



PPRC PIPE JOINING METHODS

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CUTTING

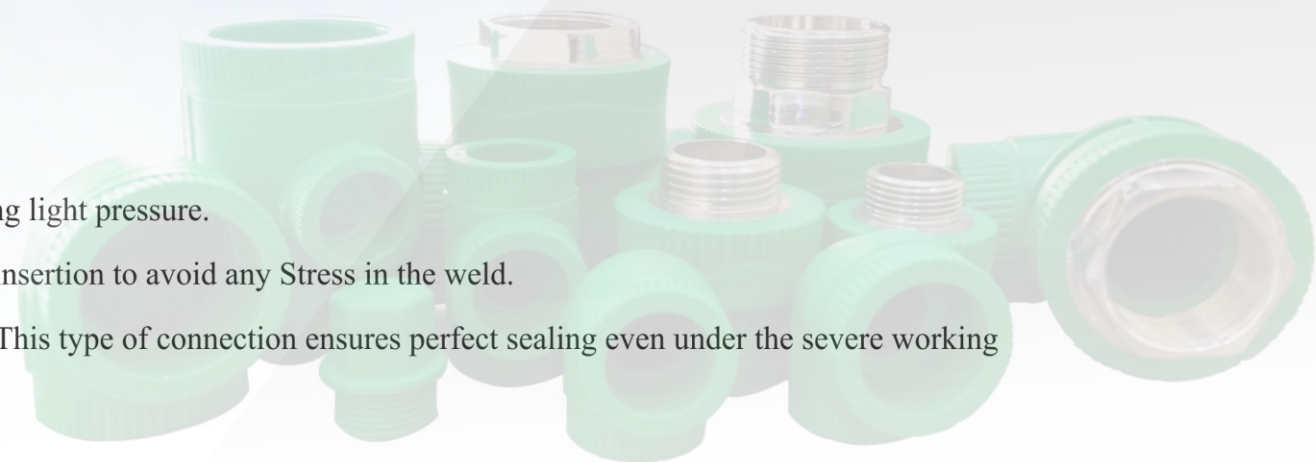
1. Cut the pipe right angle to its axis using burr free cutter.
2. Ensure that pipes is free from burrs or cutting chip
3. Clean the pipe & fitting perfectly before welding.
4. Mark welding depth at the end of pipes.

HEATING

1. Mount the suitable dies on heating element of welding machine according to the diameter of Pipe and fitting to be welded.
2. Connect the welding machine to 220/230 volts A.C. power supply.
3. Select 260 Deg. C. temperatures on the welding machine thermostat.
4. Wait for reaching the required working temperature.
5. Insert the pipe and the fitting in the dies by exerting light pressure.
6. For heating time, refer the table given for different sizes of Pipes

WELDING

1. After heating, quickly insert pipe into the fitting by exerting light pressure.
2. Any misalignment should be corrected immediately after insertion to avoid any Stress in the weld.
3. Allow the joint to cool as per cooling time given in table. This type of connection ensures perfect sealing even under the severe working Conditions



we are

creative

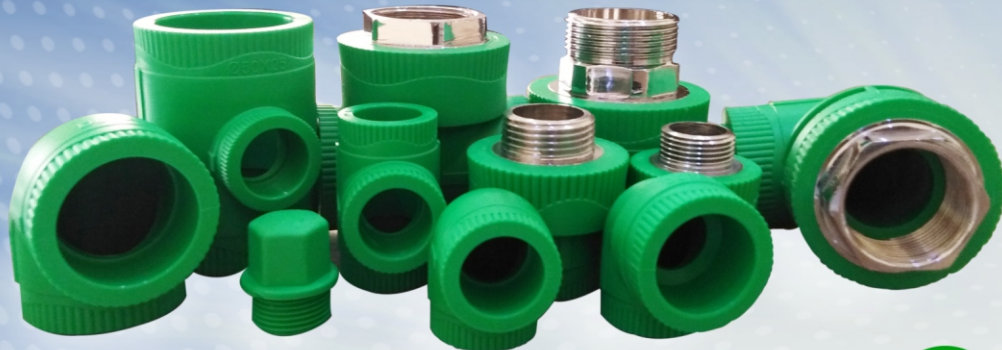
PPR-C Pipe & Fittings

COMPANY

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A Product of **DURA** Group
WATER TANKS



More information call us

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