

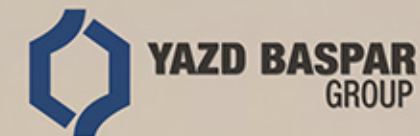


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YAZD BASPAR, **WHITEPIPE**,  
2015 BROCHURE



**YAZD BASPAR** GROUP  
whitepipe system

**A LIFE TIME CHOICE ...**



# YAZDBASPAR GROUP

## whitepipe system



Yazd Baspar PPR pipes and fitting are ideal for potable water, warm, cold and hot water systems of your buildings. This system completely satisfies all your needs with respect to the forementioned applications. Pipes and fittings are connected together by fusion tools which is an integrated plastic welding system.

### Advantages

- **It is a completely plastic system**  
Welding is carried out uniformly by fusion equipment
- **Ideal for sanitary systems**  
It complies with the European Union regulations and it is recognized to be completely safe in various aspects
- **Smoothness of pipe inner layer**  
Pressure drop in this system is almost zero – It is possible for the fluid to flow at a speed more than 5m/s
- **Non conductor of Electricity**  
Very weak conductor of electricity
- **Highly resistant to chemicals**  
PPR pipes & fittings are completely resistant to most chemicals even at high temperatures
- **Low Noise System**  
Due to their elasticity and sound insulation features of this material, noise emission is very low.
- **Easy carry – Easy installation**  
The low weight makes it not only ideal for use in traditional structures, but also for applying in new and ready-made systems.
- **Long-time life**
- **Ideal for use in earthquake zones**  
Due to flexibility and elasticity features of PPR pipes and compatible fittings

### Scope of Production

Yazd Baspar pipes and fittings are produced in sizes 20 – 25 – 32 – 40 – 50 – 63 – 75 90 and 110 mm. In addition, these pipes are available in PN10 – PN 16 – PN 20.

**PN 10** is generally used for cold water under pressure and under floor heating systems

**PN 16** is generally used for cold water under pressure and also under floor heating systems

**PN 20** is generally used for central heating systems – this system can endure for 50 years under continuous 10 bar pressure and 60° C operation

Yazd Baspar white pipe, in addition to completely plastic fittings (PPR), has designed and produced special brass fittings for connection to other systems as well. Yazd Baspar valves and ball taps are ideal for on the surface and under surface plumbing. In addition, all necessary tools such as cutters, foil cutters, fusion tools and clips are available at Yazd Baspar.

Pipe Diameter (mm)	Welding Depth (mm)	Time needed for warm up inside the mould (Seconds)	Welding time (Seconds)	Cooling time (Minute)	DVS 2207
20	14	5	4	2	Manual Welding
25	15	7			
32	16.5	8	6	4	
40	18	12			
50	20	18			Machine Welding
63	24	24	8	6	
75	25	30	10	8	

### Applications

- Yazd Baspar white pipes (PPR) can be used for potable water and heating system and in the following applications:
- Sanitary & potable water systems
- Residential, commercial, office, hotels and hospitals hot water and cold water plumbing systems
- Heating - Cooling installations
- Central heating and air conditioning systems
- Transferring chemical, food and sanitary material at Industrial installations
- Underground heat pipelines

### Specifications of Raw Material Used

Polypropylene random copolymer which is used in production of Yazd Baspar white pipes enjoys high molecular weight and high heat stability. This material is also consistent with the European quality standards.

Outer Diameter mm	Wall Thickness mm	Inner Diameter mm	Water Volume L/S	Weight per unit Length unit Kg/ m
20	3.4	13.2	0.137	0.172
25	4.2	16.6	0.216	0.266
32	5.4	21.2	0.353	0.434
40	6.7	26.6	0.556	0.671
50	8.4	33.2	0.866	1.050
63	10.5	42.0	1.385	1.650
75	12.5	50.0	1.963	2.340

### Applicable Standards

- Yazd Baspar white pipes are produced in accordance with the following standards: International EN ISO 15874, DIN 8077, DIN 8078, DIN 16962, ISO 07279, ISO 03212
- Plated fittings are produced and sold in accordance with DIN 2999 standard
- All factors related to quality control and environmental standards complies with ISO – 9001 2000, ISO14000 and OHSAS18001.
- Among other certificates we have been successful in achieving ISO/IEC17025, ISO10668, PQA (Product Quality Assurance) and CE can be mentioned.
- You may contact us to receive other certificates and standards that Yazd Baspar has been conferred upon.

### Connection Procedure

- Cut the pipe at right angle with special scissor
- Deburr the cut edges by cutter
- Mark the welding point and its depth on the pipe by special gauge

**Note:**  
For Alu-pipe system, aluminum foil must be shaved off prior to welding

- Place the pipe up to the measured point (without turning it) into the mould – simultaneously, place the needed fitting in the other side of the mould.
- The welded points will cool off in 5 minutes

**Note:**  
-If you need more technical information, or installation manuals, do not hesitate to contact Yazd Baspar customer service department.

