

### Direct drinking water and domestic hot water

In terms of straight drinking water and hot water pipe, Polybutene is the world recognized non-poisonous and tasteless special pipe materials.



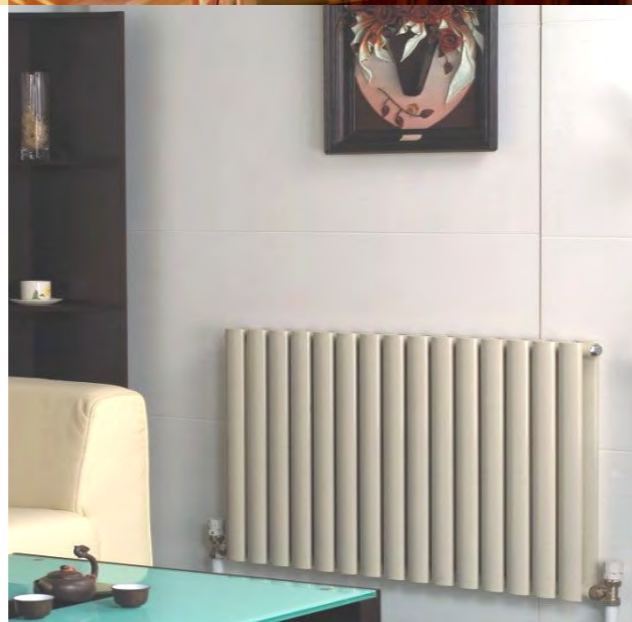
### Under floor heating pipe

PB pipe has excellent performance of resistance to high temperature and pressure. It is the best choice of the highest quality under floor heating pipe.



### Solar system, high temperature heating system

PB pipe has excellent character of heat preservation, resistance to high/low temperature and long service life. It is ideal choice of Solar system and high temperature heating system.



### Pipe Specification





	Nominal out diameter d <sub>n</sub>	Mean outer diameter		Nominal wall thickness	
		d <sub>em.min</sub>	d <sub>em.max</sub>	S5	S4
	20	20.0	20.3	1.9	2.3
	25	25.0	25.3	2.3	2.8
	32	32.0	32.3	2.9	3.6

Standard: ISO 15876:2003

Unit:mm

### Fitting Specification

	Spec.(mm)		Spec.(mm)		Spec.(mm)
	20		25*20		20
	25		32*20		25
	Spec.(mm)		Spec.(mm)		Spec.(mm)
	25*20		20		20
	32*20		25		25
	Spec.(mm)		Spec.(mm)		Spec.(mm)
	20		20		20*1/2
	25		25		25*3/4
	Spec.(mm)		Spec.(mm)		Spec.(mm)
	20*1/2		20*1/2		20*1/2
	25*3/4		25*3/4		25*3/4
	32*1		32*1		32*1

Female tee	Spec.(mm)	Male tee	Spec.(mm)	Female flexible joint	Spec.(mm)
	20*1/2		20*1/2		20*1/2
	25*3/4		25*3/4		25*3/4
	32*1		32*1		32*1
Male flexible joint	Spec.(mm)				
	20*1/2				
	25*3/4				
	32*1				

## Connection



### ©Electrical-fusion-adapting connection


With characteristic of thermoplasticity of PB pipe, heat the exterior of pipe and interior of fitting, then connect in adapting form till cooling down, in this way, the pipe and fitting become as one part. Details of parameters for melting are below:

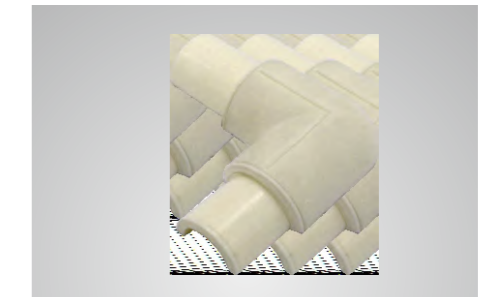
Nominal outer diameter (mm)	Melding depth (mm)	Heating hour (s)	Transmission hour (s)	Holding hour (s)	Cooling hour (min)
20	14	6	< 4	15	4
25	16	7	< 4	15	4
32	18	8	< 6	20	4

Notice: Melting should be working under condition of temperature of 240+\_10°C.  
Heating hour is adjustable accordingly when ambient temperature is low.

## Installation Tools

Manual electrical melting plate(700w)	Spec.(mm)	packages (Pcs/Ctn)
	20-32	1
Welding Machine	Spec.(mm)	packages (Pcs/Ctn)
	20-32	1

pipe cutter	Spec.(mm)	packages (Pcs/Ctn)
	20-32	1



### ©Mechanical connection

When connect with manifold, compression or pressing connection style shall be applied; brass is preferred as raw material for producing jointing fitting

