







Pipes

Brands of pipes

There are three type of pipes used widely today. The first type is metal pipe, such as stainless pipe and copper pipe. The second type is metal-plastic composite pipe like aluminum-plastic composite pipe. The third type is plastic pipe such as PB and PPR.

<http://www.jiazhuang6.com/a9/15087.html>

	Lesso
	联塑
	China Lesso Group Holdings Limited (Hong Kong listed)
	Website: http://www.lesso.com/
Products	
	PP-R / Aluminum Composite Pipe Material: PP-R and Al Size: full 20mm through 110mm availability Pressure Rating: 1.6MPa, 2.0MPa, 2.5MPa Standard: CJ/T 210 and BS 6920 Colors: Light grey or white, pipe for cold water is marked with blue stripes; pipe for hot water is marked with red stripes. Other colors are also available upon request Form Supplied: 4 and 5.8 meters straight length (all size) 50 and 100 meters coil length (dn20~dn32) Other forms are also available upon request
	PVC-U Water Pipe and Fittings Material: Unplasticized Poly (Vinyl Chloride) Pressure Rating: 0.63MPa, 0.8MPa, 1.0MPa, 1.25MPa, 1.6MPa, 2.0MPa, 2.5MPa Size: full 20mm through 630mm availability Standard: ISO 4422-2 Colors: blue, white or other colors availability upon request Form Supplied: plain end pipe or gasketed pipe with 4m, 5.8m or other length availability upon request
	
	Polygon
	保利

	AKAN Enterprise Group (Shanghai) Co., Ltd
	Website: http://www.polygon.net.cn/
Products	
	PPR Stable Composite Pipe <ul style="list-style-type: none"> • German standard: DIN 8077/8078 • Supplied form: 4m straight lengths • Color: grey, white, green • Safety coefficient: 1.5 Features: <ul style="list-style-type: none"> • The anti-UV design keeps the pipe working longer • With higher resistance to fluid pressure, the pipe greatly increases the flux of water • The metal layer and direction of the pipe can be easily detected, which helps the precise locating in maintenance
	

	Sobon
	索邦
	Shanghai Piersa Pipe Cp., Ltd
	Website: http://www.sobonpipe.com/index.html
Products	
	PPR Antibacterial Pipe Features: <ul style="list-style-type: none"> • Color: green • Highly hygienic and non-toxic • With resistance to heat, pressure and corrosion, it has a lifetime of 50 years without leakage • Featuring heat insulation and environmental protection, it is the optimal pipe for health and energy conservation



PPR Aluminum Composite Pipeline

Features:

- Color: white
- Excellent resistance to oxygen and light protects the metal part of the pipe from corrosion
- The pipe could be buried and detected by metal detectors

Selected regulations

1. The pipes should be made of plastic or steel covered with zinc plating when the diameter is less or equal to 150 mm. when the diameter of pipes exceeds 150 mm, the material could be iron. If the pipes are constructed under the ground and the diameter exceed or equal to 75 mm, the material should be iron.
2. When the water passing through pipes is erosion, anticorrosion coatings should be covered inside the pipes or anticorrosion materials should be used.
3. When the diameter of pipes is less or equal to 50 mm, stop valves are recommended to be used. Gate valves should be used for the pipes which is larger than 50 mm.

<http://www.chinaenvironment.com/uploads/303/2007-12-26/%E5%BB%BA%E7%AD%91%E7%B%99%E6%B0%B4%E6%8E%92%E6%B0%B4%E8%AE%BE%E8%AE%A1%E8%A7%84%E8%8C%83.pdf>