

## Certification

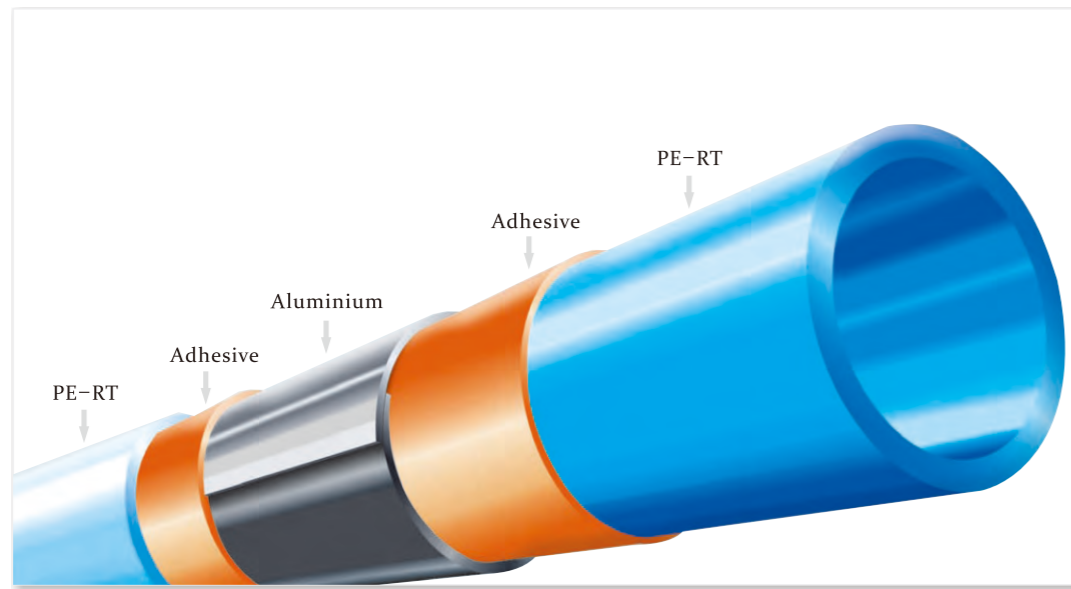
Kingbull piping systems have certificates from Australia SAI Global, French BV, Spanish AENOR, Swedish SP, Swiss SGS, ISO 9001, ISO 14001, China National Accreditation Service (CNAS) for Kingbull Lab, and other institutes. Kingbull piping products working life is 50 years and Kingbull provides customers 10 years quality warranty.



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### PERT(PEX)-AL-PERT(PEX) overlap-welding pipe



#### Product executive standard for cold and hot water within buildings and heating system

ASTM F1281  
 ASTM F1282  
 AS4176.2  
 DIN 16893

#### Product introduction

Overlap-welding aluminum-plastic composite pipe, is a kind of composite pipe which the embeded metal layer is overlap-welding aluminum alloy, the inner layer and outer layer is resistant-temperature polyethylene (PERT or PEX) , and each layer are composited by hot melt adhesive.

### Product characteristic

- A kind of metal pipe cover with plastic protect layer. A kind of plastic composite pipe accord with the requirement of using 82℃ hot water.
- The thickness of aluminum strip accord with the requirement of standard and bearing capacity is high.
- The special and professional process and the strict testing standard which is higher than industry standard. Good adhesive performance in normal temperature and high temperature.
- The coefficient of linear expansion is low. Using without deformation.
- Good at oxygen barrier to avoid corrosion of metal parts.
- Smooth plastic inner layer and outer layer to avoid corrosion and deposition by settling.
- Working-life is more than 50 years.

