CERTIFICATES

















































STF





ABOUT SANT - RIFENG

Established in 1996, the factory has been committed to developinghigh-quality and environmental-friendly piping products that cover the plumbing, indoon climate, drainage, and gas applications etc. The company has upgraded its product range from multilayer pipes to PEX, PP-R, PVC and brass hardware and strives to provide professional systematic solutions.



ISO 9001:2015

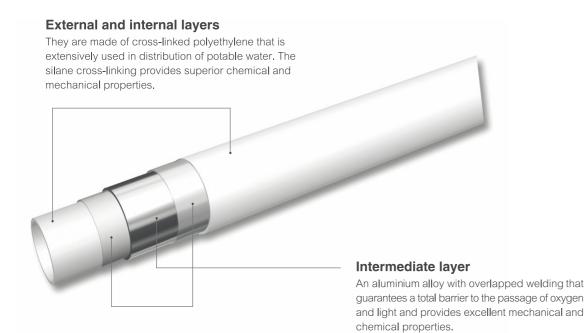
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RIFENG MULTILAYER PIPES



Bonding layers

They are made of a powerful adhesive that bonds the intermediate aluminium layer with the internal and external layers.

Advantages of Multilayer Pipes

- Corrosion-resistant
- Barrier to the permeation of oxygen and light
- Guaranteed lifetime up to 50 years
- Light in weight and flexible
- Smooth inner wall ensures low pressure loss
- Ideal for plumbing solutions

Technical Data

Diameter(mm)	14	16	18	20	25	32	40	50		
Inner diameter(mm)	10	12	14	16	20	26	32	41		
Material	HDPE-AL-HDPE, PERT-AL-PERT, PEX-AL-PEX									
Wall thickness(mm)	2	2	2	2	2.5	3	4	4.5		
Roughness(mm)	0.0007									
Thermal conduction (w/mk)	0.45									
Thermal coefficient of expansion mm/mxK	0.025									
Maximum operating temperature(°C)	80℃ for HDPE-AL-HDPE pipes, 95℃ for PERT-AL-PERT and PEX-AL-PEX pipes									
Maximum operating pressure(bar)	10 bar									
Minimal manual bending radius(mm)	70	80	90	100	125	160	6			
Coil length(m)	200	200	200	200	200	100	25	6	6	6
Weight per coil(kg/m)		18.6±2	22.0±2	26.0±2	29.2±2	21.5±2				

RANGE OF MULTILAYER PIPES

PEX-AL-PEX Multilayer Pipes

Specifications	Length per coil (m)	Color(outer/inner)	Application		
B1-1216	100/200	White/Transparent	Supply of cold		
B1-1620	100/200	White/Transparent Yellow/Transparent Black/Transparent Orange/Transparent Green/Transparent Red/Transparent Purple/Transparent	and hot water,		
B1-2025	50/100		Underfloor heating and cooling		
B1-2632	50/100		and cooming		
B1-3240	25/6m stick				
B1-4150	6m stick only	- upo nanoparon			

HDPE-AL-HDPE Gas Pipes

Specifications	Length per coil (m)	Color (outer/inner)	Application	
C-1216	100/200			
C-1620	100/200	100/200 Yelllow/Black		
C-2025	50/100		of gas supply	
C-2632	50/100			

HDPE-AL-HDPE Multilayer Pipes

Specifications	Length per coil (m)	Color (outer/inner)	Application		
A-1216	100/200				
A-1620	100/200		Supply of cold water		
A-2025	50/100	White/White			
A-2632	50/100				
A-3240	25/6m stick				
A-4150	6m stick only				

FITTINGS AND MANIFOLDS FOR MULTILAYER PIPES

F1

Compression Fittings

- Removable and reusable
- Quick and simple installation
- Excellent sealing performance
- Suitable for distribution of potable water

F5

Press Fittings

- U pressing profile
- Cost-effective
- Ease of installation

FS4

Brass Manifolds with Stop Valves

- High compactness and less risk of leakage
- With stop valves to control each branch
- Free to joint with others to realize customized design





