



Connecting your life. . .





2009 Systems Overview







"I am probably known as one of the most recognized builders in the UK. Since my Aufweidersehen pet days I have been approached to promote all sorts of building materials. But I have to say that Rifeng Piping has got to be the most exciting innovative and simple to use system I've ever come across. It's brilliant."

hwwah UK famous actor: Tim Healy



# >>> Rifeng Overview

Rifeng provides advanced piping solutions for Plumbing, Heating and Gas Transportations in all building types, from residential house to industrial and commercial buildings.

Rifeng is at the forefront of piping solution innovation, providing integrated systems from pipes and fittings to tools and accessories, everything you need is designed, produced and supported by the same company. With over 10 years' experiences in thermoplastic piping, you can count on Rifeng to deliver quality.

Over the years, Rifeng has seen rapid expansion and development. New facilities have been set up to strengthen our core-competitive business. The 13000 sqm new plant for fittings & hardwares is equipped with more than 160 units of digitally controlled and hydraulic machines. More than 90 percent of what we produce here has already been exported

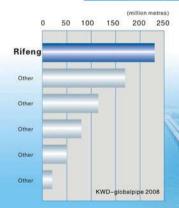
to over 100 countries and areas around the world. In 2007, Our pipe output is large enough to have circled the Equator 8 times; and if stack all the fittings we sold in 2007 together, it would be larger than the Great Pyramid of Khufu.

Rifeng endeavors to provide our customers with diversity in choices and satisfaction in quality. By integrating our excellent R & D capability and production scale, we are able to provide a range of services from OEM to tailored services for niche markets.





#### The biggest manufacturers of Piping Systems in the WORLD



- \* 48 extruders--Multilayer pipes 700,000 meters per day
- \* 12 extruders--PEX pipes 350,000 meters per day
- \* 20 extruders--PPR pipes 200,000 meters per day
- \* 2 fitting factories 200,000 matched fittings per day
- \* 20,000 square meters warehouse

# >>> Rifeng Plumbing Systems

Rifeng Plumbing Systems are integration of durable and flexible pipes, brass fittings and manifolds. As a result of continuous research and development for over ten years, Rifeng Plumbing Systems have met the performance standards in seventeen countries, and is being used all over the world.

#### Rifeng Multilayer Plumbing System

■ Five layers in one pipe--do it all!

With Rifeng's five layer composite pipes, we have developed an advanced product that unites the advantages of a metal and plastic pipe and eliminates the disadvantages of both materials at the same time.

- Smart fittings--fast, easy, permanent, safe!
  - The strength of Rifeng also lies in the fitting, which is designed to perfectly fit the pipe.
  - This ensures that all fittings have optimized insert part geometry for a long and safe life-time.
- Matched components—complete assortments for the entire installation!
- Easy, fast installation!







#### Rifeng PEX Plumbing System

- Rifeng PEX pipe is hygienic and corrosion free, thus the growth of micro-organism and contamination to water can be avoided.
- The smooth inner of Rifeng PEX pipe inhibits deposit accumulation, leading up to 30% more flowing than metal pipes, minimizes the "water-hammer" and effectively eliminates microorganism breeding in your family's water circulation.
- Rifeng PEX Plumbing System is uncomplicated and easy to handle: cutting and joining without special tools. Flexible pipes and fewer fittings save on installation time and labour costs.
- Rifeng PEX pipes and fittings meet strict European and American standards for drinking water systems.



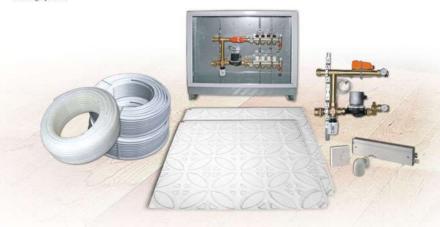
-- Easy, Flexible, and Radiant

Rifeng Underfloor Heating circulates warm water through flexible yet durable Rifeng Pipes installed underneath the floor. This turns almost any floor into a large, gentle and totally silent radiator. In buildings with high ceilings, large windows or tile flooring underfloor heating is the obvious choice. In fact, the same is true for any building built on a concrete base.

- More style and space.
- Healthier and safer environment.
- Lower operating costs.
- More comfortable.

Rifeng Underfloor Heating is a complete system. It includes manifolds for distribution, pipes are coiled for easy handling, room thermostats for control of the room temperature and tools for installation. We make sure that every single component in our underfloor heating systems is designed and produced to the same uncompromising standards. You can choose Rifeng Multilayer Underfloor Heating System or Rifeng PEX Heating System.





# >>> Rifeng Gas System

Approved and certified by SAI Global and SGS for gas distribution in homes and other buildings, Rifeng Gas System combines Rifeng multilayer pipe, fittings, excellent components and installation tools today's stringent technical standards for gas distribution in homes, makes multilayer pipe a natural choice. In outdoors installations, the pipe's resistance to rupture and other technical properties permit the use of innovative techniques such as no sand-no dig installation. In most application, even under very tough environmental conditions, Rifeng Gas System will remain more resistant and safer that a conventional polyethylene Gas Piping System.







- Clean and easy to install, no welding, soldering, thread cutting or bonding
- Low weight
- Excellent long-time rupture strength offer s safety in daily use
- Minimal roughness k=0.007mm ensuring less pipe friction and lower pressure losses
- Heat expansion similar to that of metals, enabling larger pipe clip distances
- Excellent long-time rupture strength offers safety in daily use
- Maximum temperature up to 60°C
- Coils and straight lengths in numerous sizes
  Using the F5 press fitting for connection

# >>> Rifeng Radiator Heating System

Rifeng Radiator Heating System, used in combination with the system components from the basic range offers the possibility of installing a complete system-right from the heating boiler to the most distant radiator.

- Exchangeable pipe-in-pipe system providing peace of mind for drilling accidents
- Absolutely corrosion resistant
- Manifold and / or tee installations possible, one or two pie installation
- Mutual compatibility of all parts of the Rifeng Systems
- Radiator connections for all common types of radiator
- Compatible with anti-freeze



### >>> Fire Protection System

#### Protects your house--protects your family

Using proven Rifeng Multilayer pipe and fittings, Rifeng Fire Protection System installs with ease and confidence. Rifeng Multilayer pipe is stronger, more flexible and installs easier, with fewer connections, than metal pipes.







### >>> Rifeng Snowmelting System

#### -- Permanent, Durable and Ice-free

Rifeng Snowmelting System circulates a water / antifreeze fluid under pavement using special radiant rated pipes. The two most popular choices are Rifeng PEX and Multilayer Piping Systems. Rifeng also supplies matched components, including stainless steel and brass manifolds.



- Convenient and relaxed
- Reliable and safe
- Environment protection

# >>> Rifeng PPR Piping System

Rifeng Snowmelting System circulates a water / antifreeze fluid under pavement using special radiant rated pipes. The two most popular choices are Rifeng PEX and Multilayer Piping Systems. Rifeng also supplies matched components, including stainless steel and brass manifolds.







# >>> Rifeng Hardware

Rifeng's new brass fitting factory has been put into service from June 2008

- \* 100,000 pieces of quality brass fittings per day
- \* Supported by a technology department
- \* Big step in enlarging its hardware sector
- \* Strong performance





### >>> Approvals

Rifeng Multilayer and PEX Piping Systems have certificates of German DVGW and other international institutes, all in all nearly 40 certifications e.g. DVGW, NSF, KOMO, AENOR, IAPMO.

These certificates worldwide underline our technical and quality know-how, and this is the reason why we can provide you with a 10 years system warranty backed up by an international insurance company. With the best quality, the most professional technology, the most friendly service and support, we are your best choice!













### >>> Service

# Want a Design? Have Technical questions? Talk to the experts...

Rifeng boasts strong capacity for system solution designing and R & D, which is backed by a team of well-qualified and experienced specialists, many of whom had over decades of practice in the industry. Their

professional service and our level of expertise will be at customers' disposal when require. So whenever you are in need of a design or having any sorts of technical questions, We are here for you.